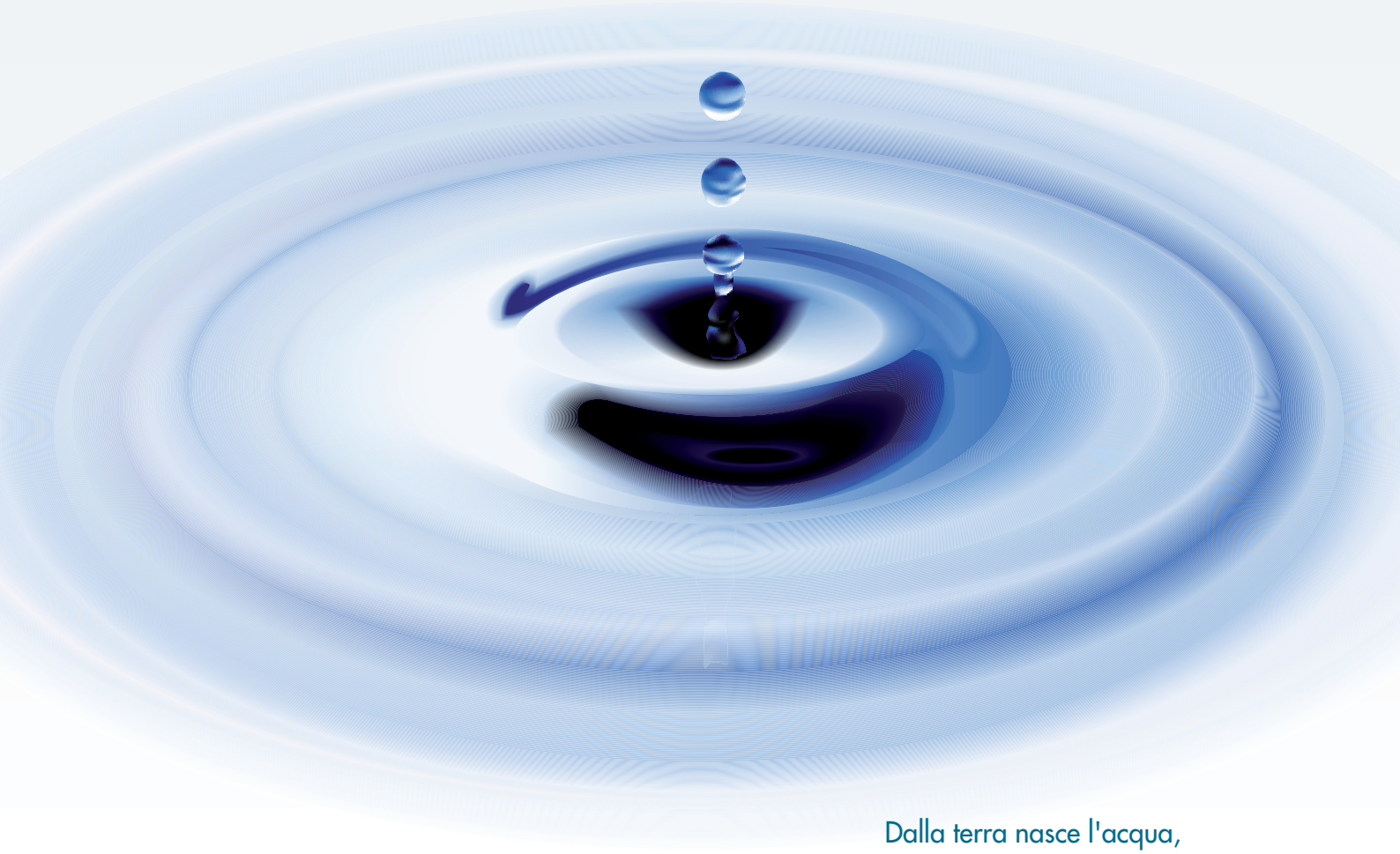
# WORTEX

Catalogo Generale
*General Catalogue*



Dalla terra nasce l'acqua,
dall'acqua nasce l'anima...

*(Eraclito)*

**Note Tecniche di Prodotto.**
I dati e le caratteristiche tecniche riportate nel presente Catalogo Generale non sono impegnativi. La COSPET si riserva il diritto di apportare qualsiasi modifica senza alcun preavviso. Di conseguenza pesi, misure, prestazioni e quanto altro indicato non sono vincolanti ma solo indicativi. In ogni caso, per qualsiasi dettaglio tecnico richiedere direttamente alla COSPET la scheda tecnica aggiornata del prodotto.
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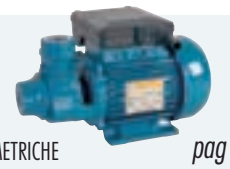
Per eventuali controversie, il Foro competente sarà quello di Reggio Emilia anche se il pagamento é avvenuto a mezzo tratta.

***Technical Characteristics.***
*The technical data and characteristics stated in this General Catalogue are not binding. COSPET reserves the right to make modifications without notice. Therefore weights, dimensions, performances and any other stated issues are indicative only and not binding. Anyway for any technical details you must require an up-to-date product technical card.*
***Competent Court.***
*In case of any dispute the competent Court will be one of Reggio Emilia even if the payment is by bill of exchange.*

CE **Revisione 05 - 10/2013** cod. 7112664

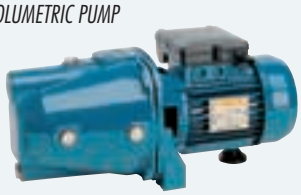
# WORTEX

## INDEX INDICE

**PM - FM**
ELETTROPOMPE VOLUMETRICHE *pag* 2
*VOLUMETRIC PUM*

**PM-A**
ELETTROPOMPA AUTOADESCANTE VOLUMETRICA *pag* 3
*SELFPRIMING VOLUMETRIC PUMP*



**JET**
ELETTROPOMPE AUTOADESCANTI JET *pag* 4/6
*SELFPRIMING JET PUMPS*

**CNB**
ELETTROPOMPE CENTRIFUGHE BIGIRANTI *pag* 7
*TWIN IMPELLER CENTRIFUGAL PUMPS*

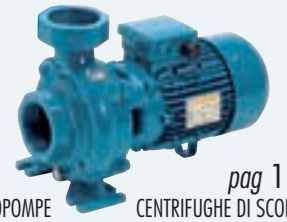
**JAP** *pag* 8/9
ELETTROPOMPE AUTODESCANTI PER ASPIRAZIONI PROFONDE
*SELFPRIMING PUMPS FOR DEEP SUCTION*

**C**
ELETTROPOMPE CENTRIFUGHE MONOGIRANTI *pag* 10
*SINGLE IMPELLER CENTRIFUGAL PUMPS*

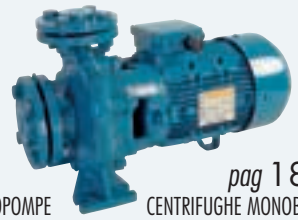
**MULTI-S** *pag* 11
ELETTROPOMPE CENTRIFUGHE MULTIGIRANTI
*CENTRIFUGAL MULTI-IMPELLER PUMPS*

**CB** *pag* 12/13
ELETTROPOMPE CENTRIFUGHE BIGIRANTI
*TWIN IMPELLER CENTRIFUGAL PUMPS*

**CH** *pag* 14/15
ELETTROPOMPE CENTRIFUGHE MONOGIRANTI
*SINGLE IMPELLER CENTRIFUGAL PUMPS*



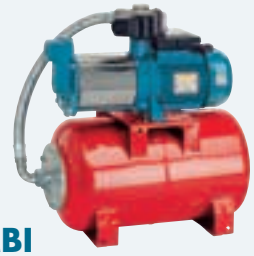
**CF** *pag* 16/17
ELETTROPOMPE CENTRIFUGHE DI SCORRIMENTO
*CENTRIFUGAL IRRIGATION PUMPS*



**CN** *pag* 18/23
ELETTROPOMPE CENTRIFUGHE MONOBLOCCO
*MONOBLOCK CENTRIFUGAL PUMPS*

**JX** *pag* 24
ELETTROPOMPE AUTOADESCANTI JET INOX
*SELFPRIMING JET INOX PUMPS*

**MJX** *pag* 25
ELETTROPOMPA CENTRIFUGA AUTOADESCANTE MULTISTADIO
*CENTRIFUGAL SELFPRIMING MULTISTAGE PUMP*

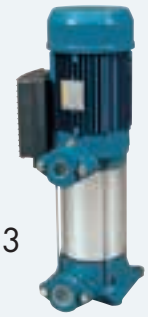


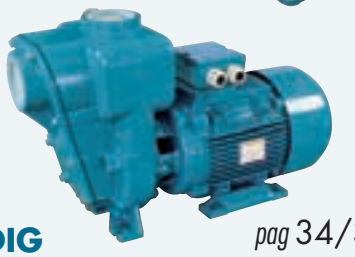
**COMBI**
GRUPPO DI PRESSURIZZAZIONE A FUNZIONAMENTO AUTOMATICO
*AUTOMATIC WORKING PRESSURE SYSTEM* *pag* 26/29

**MULTI-G** *pag* 30/31
ELETTROPOMPE CENTRIFUGHE MULTIGIRANTI
*CENTRIFUGAL MULTI- IMPELLER PUMPS*

**MULTI-GA** *pag* 32
ELETTROPOMPE AUTOADESCANTI CENTRIFUGHE MULTIGIRANTI
*SELF PRIMING CENTRIFUGAL MULTI- IMPELLER PUMPS*

**MULTI-VG**
ELETTROPOMPE MULTISTADIO
AD ASSE VERTICALE
*MULTISTAGE VERTICAL ELECTRIC PUMPS*
*pag* 33





**DIG** *pag* 34/35
ELETTROPOMPE AUTOADESCANTI MONOBLOCCO
*SELFPRIMING MONOBLOCK PUMPS*

**BP**
ELETTROPOMPE
AUTOADESCANTI IN ACCIAIO BISENSO *pag* 36
*SELFPRIMING STAINLESS STEEL TWO WAY PUMPS*

**JD**
ELETTROPOMPE SOMMERSE
PER DRENAGGIO
*SUBMERSIBLE DRAINAGE PUMPS*
*pag* 37

**JV**
ELETTROPOMPE SOMMERSE
PER ACQUE CARICHE
*SUBMERSIBLE PUMPS*
*FOR DIRTY WATER*
*pag* 38

**JDX**
ELETTROPOMPE SOMMERSE
INOX PER DRENAGGIO
*STAINLESS STEEL SUBMERSIBLE DRAINAGE PUMPS*
*pag* 39

**JVX**
ELETTROPOMPE SOMMERSE INOX PER ACQUE CARICHE
*STAINLESS STEEL SUBMERSIBLE PUMPS FOR DIRTY WATER*
*pag* 40

**DXG**
ELETTROPOMPE SOMMERSE INOX PER DRENAGGIO
*STAINLESS STEEL SUBMERSIBLE DRAINAGE PUMPS*
*pag* 41/43

**PROFI**
ELETTROPOMPE SOMMERSE PER DRENAGGIO
*SUBMERSIBLE ELECTRIC PUMP FOR THE DRAINAGE*
*pag* 44/45

**PROFI**
ELETTROPOMPE SOMMERSE PER DRENAGGIO
*SUBMERSIBLE ELECTRIC PUMP FOR THE DRAINAGE*
*pag* 46/49

**TURBINE**
ELETTROPOMPA SOMMERSA PERIFERICA PER POZZI 4"
*PERIPHERAL TURBINE SUBMERSIBLE PUMP FOR 4" WELLS*
*pag* 50

**MC**
ELETTROPOMPA SOMMERSA MULTISTADIO
*MULTISTAGE SUBMERSIBLE PUMP*
*pag* 51

**SUB**
ELETTROPOMPE SOMMERSE MULTISTADIO PER POZZI 6"
*MULTISTAGE SUBMERSIBLE PUMPS FOR 6" WELLS*
*pag* 52/53

**DRAIN**
ELETTROPOMPE SOMMERSE ACQUE LURIDE
*SEWAGE PUMPS*
*pag* 54/55

**VORT**
ELETTROPOMPE SOMMERSE ACQUE LURIDE
*SEWAGE PUMPS*
*pag* 56/57

**A316**
ELETTROPOMPE SOMMERSE ACQUE LURIDE
*SEWAGE PUMPS*
*pag* 58

**GRINDER**
ELETTROPOMPE SOMMERSE ACQUE LURIDE
*SEWAGE PUMPS*
*pag* 59

**AS-ASt**
ELETTROPOMPE SOMMERSE ACQUE LURIDE
*SEWAGE PUMPS*
*pag* 60/61

**CB-CBI** *pag* 62/65
ELETTROPOMPE ORIZZONTALI CENTRIFUGHE MULTISTADIO
*HORIZONTAL MULTISTAGE CENTRIFUGAL PUMPS*

**HBI**
ELETTROPOMPE ORIZZONTALI CENTRIFUGHE MULTISTADIO
*HORIZONTAL MULTISTAGE CENTRIFUGAL PUMPS*
*pag* 66/67

**SBI**
ELETTROPOMPE VERTICALI MULTISTADIO ACCIAIO INOX
*VERTICAL MULTISTAGE STAINLESS STEEL PUMPS*
*pag* 68/83

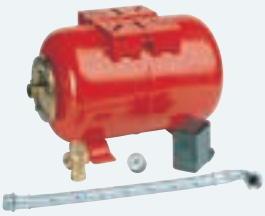
**ST**
POMPE SOMMERSE MULTISTADIO PER POZZI 4"
*MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS*
*pag* 84/92

**SP**
POMPE SOMMERSE INOX MULTISTADIO PER POZZI 4"/6"
*INOX MULTISTAGE SUBMERSIBLE PUMPS FOR 4" /6" WELLS*
*pag* 93/103

**MWM-MW**
MOTORI SOMMERSE MULTISTADIO
*MULTISTAGE SUBMERSIBLE MOTORS*
*pag* 104/105

**Pressure TANK**
*WATER TANKS FOR ALL WATER SYSTEMS: INDUSTRIAL, DOMESTIC AND AGRICULTURAL*
*pag* 106

**ACCESSORI *ACCESSORIES***
*pag* 107



# PM - FM

WORTEX

## ELETTROPOMPE VOLUMETRICHE
## *VOLUMETRIC PUMPS*

PM

FM

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 60°C
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

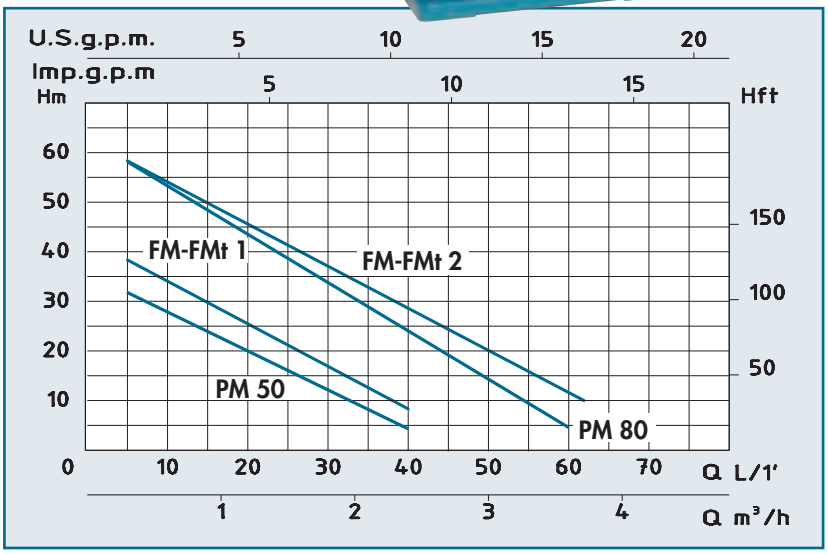
### MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 r.p.m.)
- Isolamento Classe F
- Protezione IP 44

### MATERIALI
| | |
|---|---|
| - Corpo pompa | Ghisa |
| - Supporto motore | Ghisa |
| - Coperchio corpo pompa | Ottone (FM) |
| - Girante | Ottone |
| - Albero motore | Acciaio Inox |
| - Tenute meccaniche | Ceramica/Carbone |

### *OPERATING CONDITIONS*
- *Liquid temperature up to 60°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 7 mt.*
- *Continuous duty*

### *MOTOR*
- *Two-Pole induction motor (n = 2850 r.p.m.)*
- *Insulation Class F*
- *Protection IP 44*

### *MATERIALS*
| | |
|---|---|
| - *Pump body* | *Cast Iron* |
| - *Motor Support* | *Cast Iron* |
| - *Pump body cover* | *Brass (FM)* |
| - *Impeller* | *Brass* |
| - *Shaft with rotor* | *Stainless/Steel* |
| - *Mechanical seal* | *Carbon/Ceramic* |




| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | Q = PORTATA - *CAPACITY* | | | | | | | | | | | Dimensioni *Dimensions* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | | | | Monofase *Single-phase* | $m^3/h$ | 0,3 | 0,6 | 1 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 3 | 3,6 | | |
| | | | | | lt/1' | 5 | 10 | 16 | 20 | 25 | 30 | 35 | 40 | 50 | 60 | | |
| 230V-50Hz | | HP | kW | 1 x 230V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **PM 50** | | 0,5 | 0,37 | 2,9 | H (m) | 34 | 30 | 25 | 22 | 17 | 13 | 10 | | | | 1" | 1" |
| **PM 80** | | 0,8 | 0,6 | 4 | | 58 | 55 | 50 | 45 | 40 | 35 | 30 | 25 | 15 | | 1" | 1" |

| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | Dimensioni *Dimensions* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | $m^3/h$ | 0,3 | 0,6 | 1 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 3 | 3,6 | | |
| | | | | | | lt/1' | 5 | 10 | 16 | 20 | 25 | 30 | 35 | 40 | 50 | 60 | | |
| 230V-50Hz | 230/400V-50Hz | HP | kW | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **FM 1** | **FMt 1** | 0,5 | 0,37 | 2,9 | 1,1 | H (m) | 38 | 35 | 30 | 26 | 21 | 17 | 13 | 8 | | | 1" | 1" |
| **FM 2** | **FMt 2** | 0,8 | 0,6 | 4 | 1,8 | | 58 | 54 | 50 | 45 | 42 | 38 | 33 | 28 | 20 | 12 | 1" | 1" |

# ELETTROPOMPA AUTOADESCANTE VOLUMETRICA
# *SELFPRIMING VOLUMETRIC PUMP*

## LIMITI D'IMPIEGO
- Temperatura liquido fino a 60°C
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

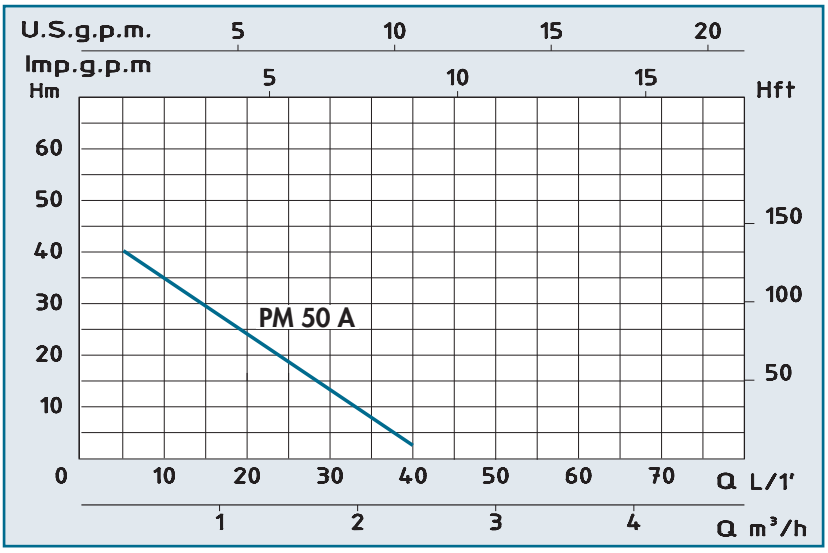
## MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 r.p.m.)
- Isolamento Classe F
- Protezione IP 44

## MATERIALI
- Corpo pompa — Ghisa
- Supporto motore — Ghisa
- Girante — Ottone
- Albero motore — Acciaio Inox
- Tenute meccaniche — Ceramica/Carbone

## *OPERATING CONDITIONS*
- *Liquid temperature up to 60°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 7 mt.*
- *Continuous duty*

## *MOTOR*
- *Two-Pole induction motor (n = 2850 r.p.m.)*
- *Insulation Class F*
- *Protection IP 44*

## *MATERIALS*
- *Pump body* — *Cast Iron*
- *Motor Support* — *Cast Iron*
- *Impeller* — *Brass*
- *Shaft with rotor* — *Stainless/Steel*
- *Mechanical seal* — *Carbon/Ceramic*




| TIPO - *TYPE* | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | Q = PORTATA - *CAPACITY* | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | | | Monofase *Single-phase* | $m^3/h$ | 0,3 | 0,6 | 1 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 3 | 3,6 | Dimensioni *Dimensions* |
| | | | | lt/1' | 5 | 10 | 16 | 20 | 25 | 30 | 35 | 40 | 50 | 60 | |
| 230V-50Hz | HP | kW | 1 x 230V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | DNA | DNM |
| **PM 50 A** | 0,6 | 0,45 | 3 | H (m) | 40 | 35 | 30 | 24 | 18 | 12 | 7 | 2 | | | 1" | 1" |

# ELETTROPOMPE AUTOADESCANTI JET
## *SELFPRIMING JET PUMPS*

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 35° C
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 8 mt.
- Servizio continuo

### MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 $min^{-1}$)
- Isolamento Classe F
- Protezione IP 44

### MATERIALI

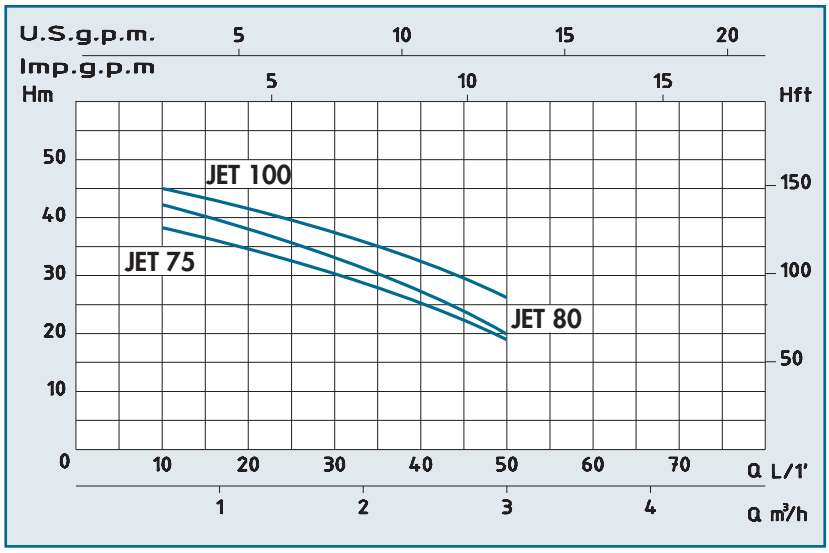
| | |
|---|---|
| - Corpo pompa | Ghisa |
| - Supporto motore | Alluminio |
| - Girante | Noryl |
| - Girante | Acciaio Inox ( Jet100 ) |
| - Diffusore | Noryl |
| - Flangia portatenuta | Acciaio Inox |
| - Albero motore | Acciaio Inox |
| - Tenute meccaniche | Ceramica/Carbone |

### *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Ambient temperature up to 40°C*
- *Total suction lift upt o 8 mt.*
- *Continuous duty*

### *MOTOR*
- *Two-Pole induction motor (n = 2850 $min^{-1}$)*
- *Insulation Class F*
- *Protection IP 44*

### *MATERIALS*

| | |
|---|---|
| - *Pump body* | *Cast Iron* |
| - *Motor Support* | *Aluminium* |
| - *Impeller* | *Noryl* |
| - *Impeller* | *Stainless Steel ( Jet100 )* |
| - *Diffuser* | *Noryl* |
| - *Pump flange* | *Stainless Steel* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Mechanical seal* | *Carbon/Ceramic* |




| TIPO - *TYPE* | POTENZA NOMINALE *NOMINAL POWER* | | AMPERE | Q = PORTATA - *CAPACITY* | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | P2 | | Monofase *Single-phase* | $m^3/h$ | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3 | 3,6 | Dimensioni *Dimensions* | |
| | | | | lt/1' | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 60 | | |
| 230V-50Hz | HP | kW | 1 x 230V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **JET 75** | 0,8 | 0,6 | 3,8 | H (m) | 38 | 36 | 34 | 32 | 29 | 27 | 25 | 22 | 19 | | 1" | 1" |
| **JET 80** | 0,8 | 0,6 | 3,8 | | 42 | 38 | 36 | 33 | 30 | 27 | 26 | 23 | 20 | | 1" | 1" |
| **JET 100** | 1 | 0,75 | 5 | | 45 | 43 | 40 | 38 | 35 | 33 | 30 | 29 | 26 | 22 | 1" | 1" |

# ELETTROPOMPE AUTOADESCANTI JET
## *SELFPRIMING JET PUMPS*

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 35° C
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 8 mt.
- Servizio continuo

### MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 $min^{-1}$)
- Isolamento Classe F
- Protezione IP 44

### MATERIALI

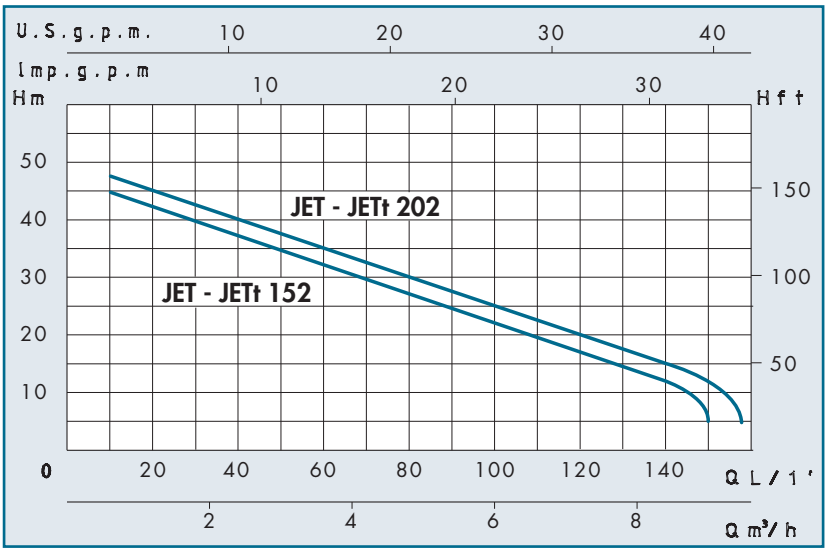
| | |
|---|---|
| - Corpo pompa | Ghisa |
| - Supporto motore | Ghisa |
| - Girante | Ottone |
| - Diffusore | Noryl |
| - Flangia portatenuta | Acciaio Inox |
| - Albero motore | Acciaio Inox |
| - Tenute meccaniche | Ceramica/Carbone |

### *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 8 mt.*
- *Continuous duty*

### *MOTOR*
- *Two-Pole induction motor (n = 2850 $min^{-1}$)*
- *Insulation Class F*
- *Protection IP 44*

### *MATERIALS*

| | |
|---|---|
| - *Pump body* | *Cast Iron* |
| - *Motor Support* | *Cast Iron* |
| - *Impeller* | *Brass* |
| - *Diffuser* | *Noryl* |
| - *Pump flange* | *Stainless Steel* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Mechanical seal* | *Carbon/Ceramic* |




| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | $m^3/h$ | 0,6 | 1,2 | 1,8 | 2,7 | 3,6 | 4,8 | 5,4 | 6 | 7,5 | 9 | Dimensioni *Dimensions* | |
| | | | | | | lt/1' | 10 | 20 | 30 | 45 | 60 | 80 | 90 | 100 | 125 | 150 | | |
| 230V-50Hz | 230/400V-50Hz | HP | kW | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **JET 152** | **JET t 152** | 1,5 | 1,1 | 7 | 3 | H (m) | 45 | 42 | 40 | 36 | 33 | 27 | 25 | 22 | 16 | 10 | 1"1/4 | 1" |
| **JET 202** | **JET t 202** | 2 | 1,5 | 9 | 4,2 | | 47 | 45 | 43 | 39 | 35 | 30 | 27 | 25 | 18 | 13 | 1"1/4 | 1" |

# ELETTROPOMPE AUTOADESCANTI BIGIRANTI
## *TWIN IMPELLER SELFPRIMING PUMPS*

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 35° C
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 9 mt.
- Servizio continuo

### *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 9 mt.*
- *Continuous duty*

### MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 $min^{-1}$)
- Isolamento Classe F
- Protezione IP 44

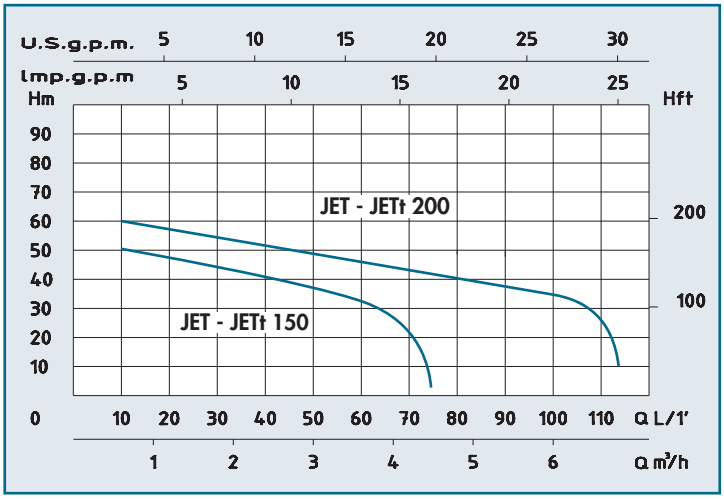
### *MOTOR*
- *Two-Pole induction motor (n = 2850 $min^{-1}$)*
- *Insulation Class F*
- *Protection IP 44*

### MATERIALI

| | |
|---|---|
| - Corpo pompa | Ghisa |
| - Supporto motore | Ghisa |
| - Girante | Noryl |
| - Diffusore | Noryl |
| - Eiettore | Ghisa |
| - Albero motore | Acciaio Inox |
| - Tenute meccaniche | Ceramica/Carbone |

### *MATERIALS*

| | |
|---|---|
| - *Pump body* | *Cast Iron* |
| - *Motor Support* | *Cast Iron* |
| - *Impeller* | *Noryl* |
| - *Diffuser* | *Noryl* |
| - *Ejector* | *Cast Iron* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Mechanical seal* | *Carbon/Ceramic* |




| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | $m^3/h$ | 0,6 | 1,2 | 1,8 | 2,4 | 3 | 3,6 | 4,2 | 4,8 | 5,4 | 6 | Dimensioni *Dimensions* | |
| | | | | | | lt/1' | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | | |
| 230V-50Hz | 230/400V-50Hz | HP | kW | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **JET 150** | **JET t 150** | 1,5 | 1,1 | 7 | 3 | H (m) | 58 | 55 | 51 | 47 | 42 | 40 | 35 | | | | 1"1/2 | 1" |
| **JET 200** | **JET t 200** | 2 | 1,5 | 9,3 | 4,2 | | 60 | 57 | 53 | 50 | 47 | 45 | 44 | 40 | 38 | 35 | 1"1/2 | 1" |

# ELETTROPOMPE CENTRIFUGHE BIGIRANTI
# *TWIN IMPELLER CENTRIFUGAL PUMPS*

## LIMITI D'IMPIEGO
- Temperatura liquido fino a 35°C
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 9 mt.
- Servizio continuo

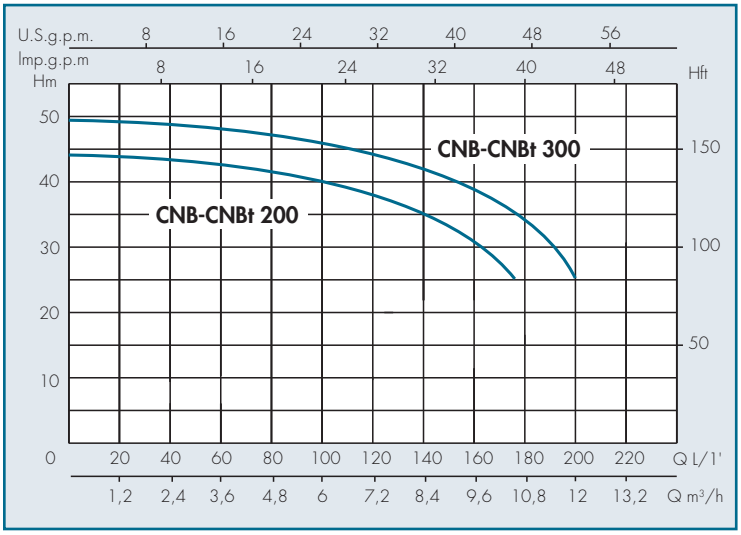
## MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 $min^{-1}$)
- Isolamento Classe F
- Protezione IP 44

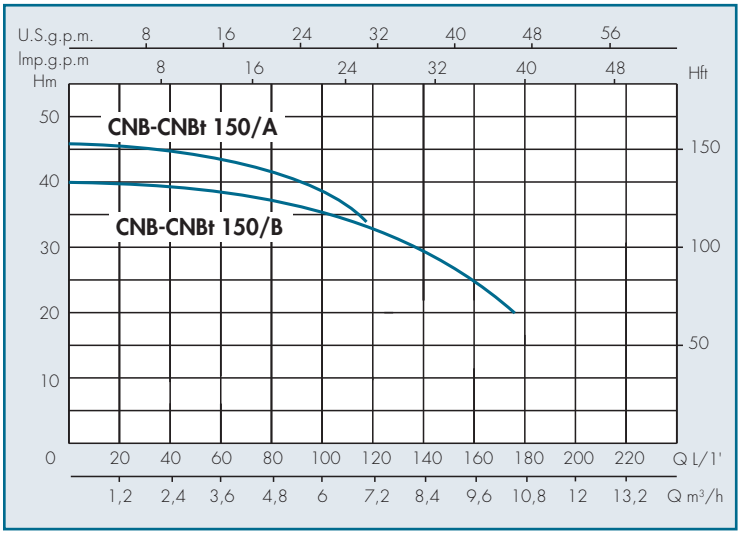
## MATERIALI
| | |
|---|---|
| - Corpo pompa | Ghisa |
| - Supporto motore | Ghisa |
| - Girante | Noryl |
| - Diffusore | Noryl |
| - Albero motore | Acciaio Inox |
| - Tenute meccaniche | Ceramica/carbone |

## *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 9 mt.*
- *Continuous duty*

## *MOTORS*
- *Two-Pole induction motor (n = 2850 $min^{-1}$)*
- *Insulation Class F*
- *Protection IP 44*

## *MATERIALS*
| | |
|---|---|
| - *Pump body* | *Cast Iron* |
| - *Motor Support* | *Cast Iron* |
| - *Impeller* | Noryl |
| - Diffuser | Noryl |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Mechanical seal* | *Carbon/Ceramic* |



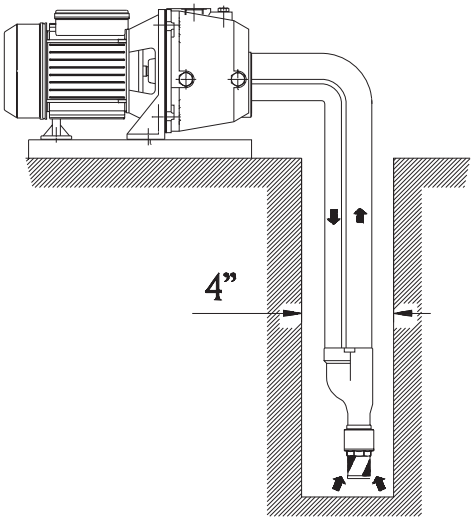

| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | $m^3/h$ | 0 | 1,5 | 3 | 4,5 | 5,4 | 6 | 7,5 | 9 | 10,5 | 12 | Dimensioni *Dimensions* | |
| | | | | | | lt/1' | 0 | 25 | 50 | 75 | 90 | 100 | 125 | 150 | 175 | 200 | | |
| 230V-50Hz | 230/400V-50Hz | HP | kW | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **CNB 150/A** | **CNBt 150/A** | 1,5 | 1,1 | 8,8 | 4 | H (m) | 46 | 45 | 44 | 42 | 40 | 38 | 31 | | | | 1"1/2 | 1"1/4 |
| **CNB 150/B** | **CNBt 150/B** | 1,5 | 1,1 | 8,8 | 4 | | 40 | 39,5 | 39 | 38 | 37 | 36 | 32 | 27 | 20 | | 1"1/2 | 1"1/4 |
| **CNB 200** | **CNBt 200** | 2 | 1,5 | 10,5 | 4,7 | | 44 | 43,8 | 43,5 | 42,5 | 41,5 | 40,5 | 37 | 32 | 25 | | 1"1/2 | 1"1/4 |
| **CNB 300** | **CNBt 300** | 3 | 2,2 | 13,5 | 5,2 | | 49 | 48 | 47 | 46,5 | 46,3 | 46 | 43 | 38,5 | 32 | 25 | 1"1/2 | 1"1/4 |

# ELETTROPOMPE AUTODESCANTI PER ASPIRAZIONI PROFONDE
# *SELFPRIMING PUMPS FOR DEEP SUCTION*

## LIMITI D'IMPIEGO
- Temperatura liquido fino a 35°C
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 35 mt.
- Servizio continuo

## MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 $min^{-1}$)
- Isolamento Classe F
- Protezione IP 44

## MATERIALI
| | |
|---|---|
| - Corpo pompa | Ghisa |
| - Supporto motore | Alluminio |
| - Girante | Noryl |
| - Diffusore | Noryl |
| - Eiettore | Ghisa |
| - Flangia portanenuta | Acciaio Inox |
| - Albero motore | Acciaio Inox |
| - Tenute meccaniche | Ceramica/Carbone |




La pompa a eiettore separato è sostanzialmente una centrifuga, con la possibilità di diventare una pompa jet autoadescante a profonda aspirazione, con l'applicazione dell'eiettore, nel pozzo, sulla parte finale del tubo di aspirazione. Il ricircolo dell'acqua che attraversa il venturi attrae l'acqua sottostante e la spinge attraverso il tubo di ritorno (aspirazione) creando una pressione sufficiente per portarla in superficie.
Per queste applicazioni a profonda aspirazione è necessario il collegamento di due tubi: la mandata verso l'eiettore e lo scarico di ritorno (aspirazione), in questo caso il diametro del pozzo deve essere almeno di 4".

*The separate ejector pump is basically a centrifuge with the possibility of becoming a self-priming jet pump with deep suction by fitting the ejector in the well onto the end of the suction pipe.*
*Recirculation of water passing through the Venturi attracts water from below and pushes it through the return (suction) pipe creating enough pressure to take it up to the surface.*
*For these deep suction applications two pipes need to be connected: the delivery pipe to the ejector and the return (suction) outlet, in this case the diameter of the well must be at least 4".*

## *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 35 mt.*
- *Continuous duty*

## *MOTOR*
- *Two-Pole induction motor (n = 2850 $min^{-1}$)*
- *Insulation Class F*
- *Protection IP 44*

## *MATERIALS*
| | |
|---|---|
| - *Pump body* | *Cast Iron* |
| - *Motor support* | *Aluminium* |
| - *Impeller* | *Noryl* |
| - *Diffuser* | *Noryl* |
| - *Ejector* | *Cast Iron* |
| - *Pump flange* | *Stainless steel* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Mechanical seal* | *Carbon/Ceramic* |

| TIPO - *TYPE* | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | | | Monofase *Single phase* | Tipo eiettore *Ejector* | Profon. aspiraz. m. *Suction depth m.* | $m^3/h$ | 0,18 | 0,36 | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 3 | 3,6 | Dimensioni *Dimensions* | |
| | | | | | | lt/1' | 3 | 6 | 10 | 15 | 20 | 25 | 30 | 35 | 50 | 60 | | |
| 230V-50Hz | HP | kW | 1 x 230V | | | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **JAP 100** | 1 | 0,75 | 5 | P 20 | 15 | | 41 | 37 | 34 | 30 | 27 | 22,5 | 20,5 | 16,5 | | | 1"1/4 | 1" |
| | | | | | 20 | | 36 | 32 | 29 | 25 | 22 | 17,5 | 15,5 | 11,5 | | | | |
| | | | | P 30 | 25 | | 32 | 28 | 22 | 18 | 13 | 6,5 | | | | | | |
| | | | | | 30 | | 27 | 23 | 17 | 13 | 8 | | | | | | | |
| | | | | | 35 | | 22 | 18 | 12 | 8 | | | | | | | | |

# ELETTROPOMPE AUTODESCANTI PER ASPIRAZIONI PROFONDE
## *SELFPRIMING PUMPS FOR DEEP SUCTION*

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 35°C
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 45 mt.
- Servizio continuo

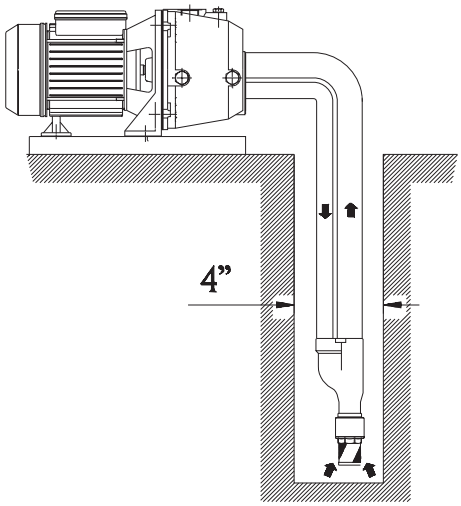
### MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 $min^{-1}$)
- Isolamento Classe F
- Protezione IP 44

### MATERIALI
| | |
|---|---|
| - Corpo pompa | Ghisa |
| - Supporto motore | Ghisa |
| - Girante | Noryl |
| - Diffusore | Noryl |
| - Eiettore | Ghisa |
| - Albero motore | Acciaio Inox |
| - Tenute meccaniche | Ceramica/Carbone |

### *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 45 mt.*
- *Continuous duty*

### *MOTOR*
- *Two-Pole induction motor (n = 2850 $min^{-1}$)*
- *Insulation Class F*
- *Protection IP 44*

### *MATERIALS*
| | |
|---|---|
| - *Pump body* | *Cast Iron* |
| - *Motor support* | *Cast Iron* |
| - *Impeller* | *Noryl* |
| - *Diffuser* | *Noryl* |
| - *Ejector* | *Cast Iron* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Mechanical seal* | *Carbon/Ceramic* |




La pompa a eiettore separato è sostanzialmente una centrifuga, con la possibilità di diventare una pompa jet autoadescante a profonda aspirazione, con l'applicazione dell'eiettore, nel pozzo, sulla parte finale del tubo di aspirazione. Il ricircolo dell'acqua che attraversa il venturi attrae l'acqua sottostante e la spinge attraverso il tubo di ritorno (aspirazione) creando una pressione sufficiente per portarla in superficie. Per queste applicazioni a profonda aspirazione è necessario il collegamento di due tubi: la mandata verso l'eiettore e lo scarico di ritorno (aspirazione), in questo caso il diametro del pozzo deve essere almeno di 4".

*The separate ejector pump is basically a centrifuge with the possibility of becoming a self-priming jet pump with deep suction by fitting the ejector in the well onto the end of the suction pipe. Recirculation of water passing through the Venturi attracts water from below and pushes it through the return (suction) pipe creating enough pressure to take it up to the surface. For these deep suction applications two pipes need to be connected: the delivery pipe to the ejector and the return (suction) outlet, in this case the diameter of the well must be at least 4".*

| TIPO - *TYPE* | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | | | Monofase *Single phase* | Tipo eiettore *Ejector* | Profon. aspiraz. m. *Suction depth m.* | $m^3/h$ | 0,18 | 0,36 | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 3 | 3,6 | Dimensioni *Dimensions* | |
| | | | | | | lt/1' | 3 | 6 | 10 | 15 | 20 | 25 | 30 | 35 | 50 | 60 | | |
| 230V-50Hz | HP | kW | 1 x 230V | | | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **JAP 150** | 1,5 | 1,1 | 7 | P 20 | 15 | | 48 | 47 | 43 | 39 | 34,5 | 30,5 | 28,5 | 7,5 | | | 1"1/4 | 1" |
| | | | | | 20 | | 43 | 42 | 38 | 34 | 29,5 | 25,5 | 23,5 | 2,5 | | | | |
| | | | | | 25 | | 38 | 37 | 33 | 29 | 24,5 | 20,5 | 18,5 | | | | | |
| | | | | P 30 | 35 | | 61 | 57 | 51 | 43 | 36,5 | 14,5 | | | | | | |
| | | | | | 40 | | 56 | 52 | 46 | 38 | 31,5 | 9,5 | | | | | | |
| | | | | | 50 | | 46 | 42 | 36 | 28 | 21,5 | | | | | | | |
| **JAP 200** | 2 | 1,5 | 9,3 | P 20 | 15 | | 67 | 65 | 60 | 55 | 51,5 | 46,5 | 45,5 | | | | 1"1/4 | 1" |
| | | | | | 20 | | 62 | 60 | 55 | 50 | 46,5 | 41,5 | 40,5 | | | | | |
| | | | | | 25 | | 57 | 55 | 50 | 45 | 41,5 | 36,5 | 35,5 | | | | | |
| | | | | P 30 | 35 | | 68 | 62 | 57 | 49 | 43,5 | 14,5 | | | | | | |
| | | | | | 40 | | 63 | 57 | 52 | 44 | 38,5 | 9,5 | | | | | | |
| | | | | | 50 | | 53 | 47 | 42 | 34 | 28,5 | | | | | | | |

# ELETTROPOMPE CENTRIFUGHE MONOGIRANTI
## *SINGLE IMPELLER CENTRIFUGAL PUMPS*

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 60°C
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

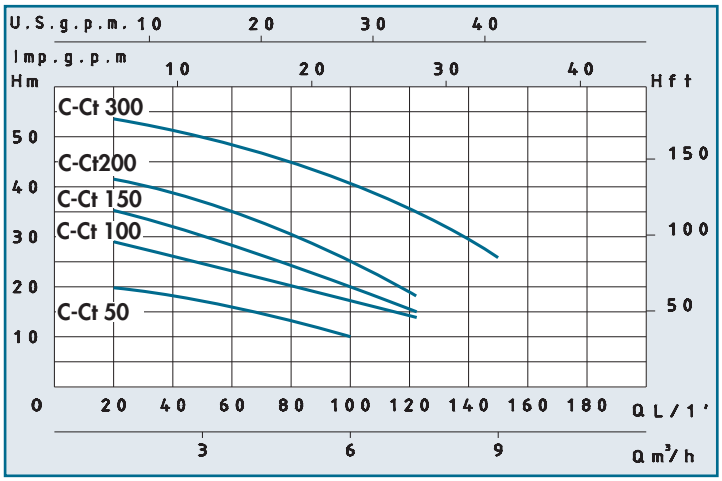
### MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 $min^{-1}$)
- Isolamento Classe F
- Protezione IP 44 (C50-100)
- Protezione IP 55

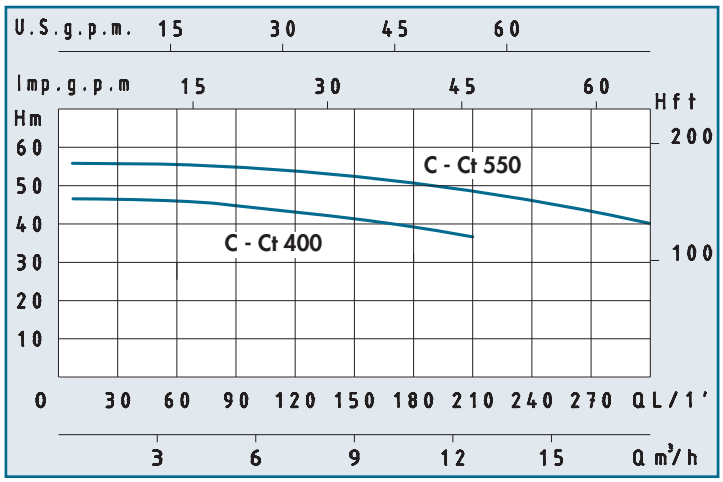
### MATERIALI
| | |
|---|---|
| - Corpo pompa | Ghisa |
| - Supporto motore | Ghisa |
| - Girante | Noryl (C50) |
| - Girante | Acciaio Inox |
| - Albero motore | Acciaio Inox |
| - Tenute meccaniche | Ceramica/Carbone |

### *OPERATING CONDITIONS*
- *Liquid temperature up to 60°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 7 mt.*
- *Continuous duty*

### *MOTOR*
- *Two-Pole induction motor (n = 2850 $min^{-1}$)*
- *Insulation Class F*
- *Protection IP 44 (C50-100)*
- *Protection IP 55*

### *MATERIALS*
| | |
|---|---|
| - *Pump body* | *Cast Iron* |
| - *Motor Support* | *Cast Iron* |
| - *Impeller* | *Noryl (C50)* |
| - *Impeller* | *Stainless Steel* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Mechanical seal* | *Carbon/Ceramic* |




| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | $m^3/h$ | 0,6 | 1,2 | 2,7 | 3,6 | 5,4 | 6 | 7,5 | 9 | 12 | 18 | Dimensioni *Dimensions* | |
| | | | | | | lt/1' | 10 | 20 | 45 | 60 | 90 | 100 | 125 | 150 | 200 | 300 | | |
| 230V-50Hz | 230/400V-50Hz | HP | kW | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **C 50** | **Ct 50** | 0,5 | 0,37 | 2,8 | 1,1 | H (m) | 20 | 18 | 17 | 16 | 12 | 10 | | | | | 1" | 1" |
| **C 100** | **Ct 100** | 1 | 0,75 | 5,5 | 2,3 | | 29 | 28 | 26 | 23 | 20 | 18 | 14 | | | | 1" | 1" |
| **C 150** | **Ct 150** | 1,5 | 1,1 | 8,3 | 4 | | 36 | 33 | 30 | 28 | 24 | 22 | 15 | | | | 1" | 1" |
| **C 200** | **Ct 200** | 2 | 1,5 | 10,7 | 5 | | 43 | 42 | 37 | 35 | 27 | 25 | 18 | | | | 1" | 1" |
| **C 300** | **Ct 300** | 3 | 2,2 | 15 | 5,5 | | 54 | 53 | 52 | 51 | 47 | 45 | 38 | 29 | | | 1"1/4 | 1" |
| **C 400** | **Ct 400** | 4 | 3 | 20 | 7,3 | | 46,5 | 46 | 45,5 | 45,3 | 44,7 | 44,5 | 44 | 43,5 | 42 | 35 | 2" | 1"1/4 |
| **C 550** | **Ct 550** | 5,5 | 4 | 28 | 9,3 | | 56 | 55,5 | 55 | 54,5 | 54 | 53,5 | 53 | 52 | 50 | 44 | 2" | 1"1/4 |

# ELETTROPOMPE CENTRIFUGHE MULTIGIRANTE
# *CENTRIFUGAL MULTI-IMPELLER PUMPS*

## LIMITI D'IMPIEGO
- Temperatura liquido fino a 35°C
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 8 mt.
- Servizio continuo

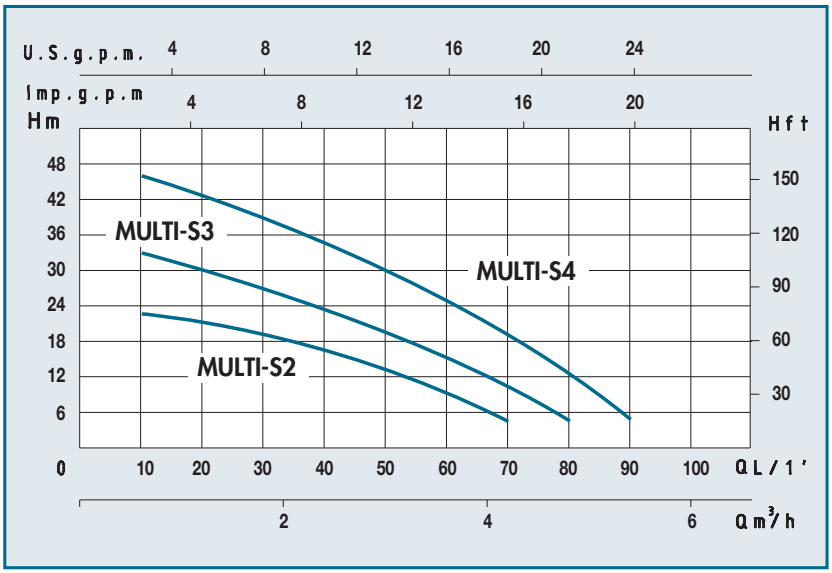
## MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 $min^{-1}$)
- Isolamento Classe F
- Protezione IP 44

## MATERIALI
| | |
|---|---|
| - Corpo pompa | Ghisa |
| - Supporto motore | Ghisa |
| - Girante | Noryl |
| - Albero motore | Acciaio Inox |
| - Tenute meccaniche | Ceramica/Carbone |

## *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 8 mt.*
- *Continuous duty*

## *MOTORS*
- *Two-Pole induction motor (n = 2850 $min^{-1}$)*
- *Insulation Class F*
- *Protection IP 44*

## *MATERIALS*
| | |
|---|---|
| - *Pump body* | *Cast Iron* |
| - *Motor Support* | *Cast Iron* |
| - *Impeller* | *Noryl* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Mechanical seal* | *Carbon/Ceramic* |




| TIPO - *TYPE* | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | Q = PORTATA - *CAPACITY* | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | | | Monofase *Single-phase* | $m^3/h$ | 0,6 | 1,2 | 1,8 | 2,4 | 3 | 3,6 | 4,2 | 4,8 | 5,4 | 6 | Dimensioni *Dimensions* | |
| | HP | kW | | lt/1' | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | | |
| 230V-50Hz | | | 1 x 230V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **MULTI-S2** | 0,5 | 0,37 | 2,6 | H (m) | 23 | 21 | 19 | 17 | 13 | 9 | 5 | | | | 1" | 1" |
| **MULTI-S3** | 0,75 | 0,55 | 3,3 | | 33 | 30 | 26 | 23,5 | 18,5 | 14 | 10 | 5 | | | 1" | 1" |
| **MULTI-S4** | 1 | 0,75 | 4,3 | | 46 | 43 | 39 | 35 | 30 | 24 | 16,5 | 10 | 5 | | 1" | 1" |

# ELETTROPOMPE CENTRIFUGHE BIGIRANTI
## *TWIN IMPELLER CENTRIFUGAL PUMPS*

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 35°C (25/130A; 25/160C; 25/160B)
- Temperatura liquido fino a 90°C
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

### *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C (25/130A; 25/160C; 25/160B)*
- *Liquid temperature up to 90°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 7 mt.*
- *Continuous duty*

### MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 $min^{-1}$)
- Isolamento Classe F
- Protezione IP 44 (25/130A)
- Protezione IP55

### *MOTORS*
- *Two-Pole induction motor (n = 2850 $min^{-1}$)*
- *Insulation Class F*
- *Protection IP 44 (25/130A)*
- *Protection IP 55*

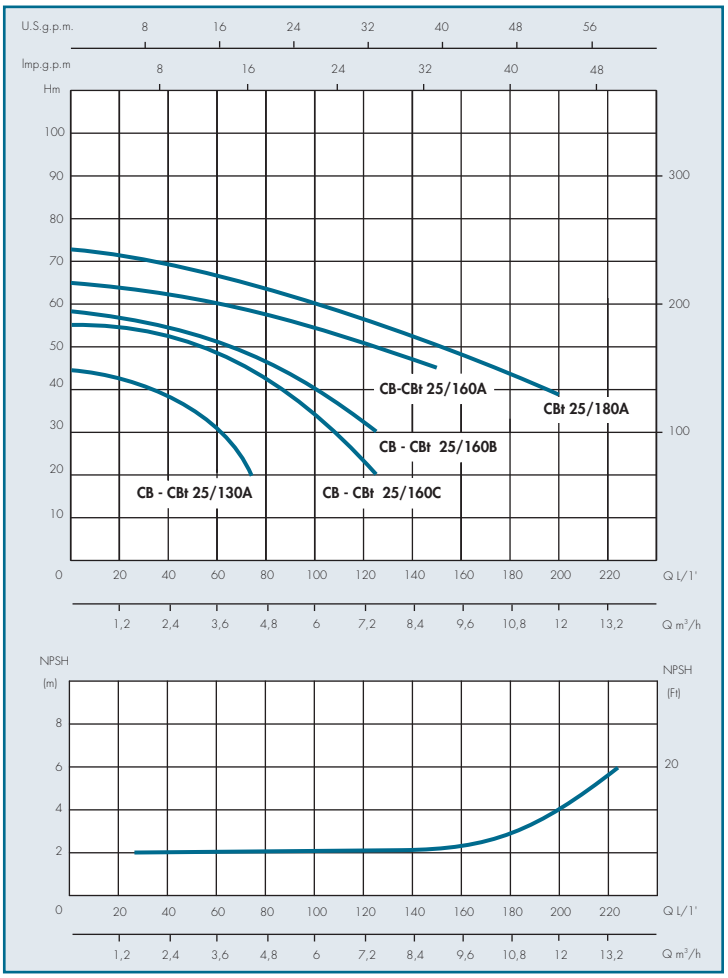
### MATERIALI

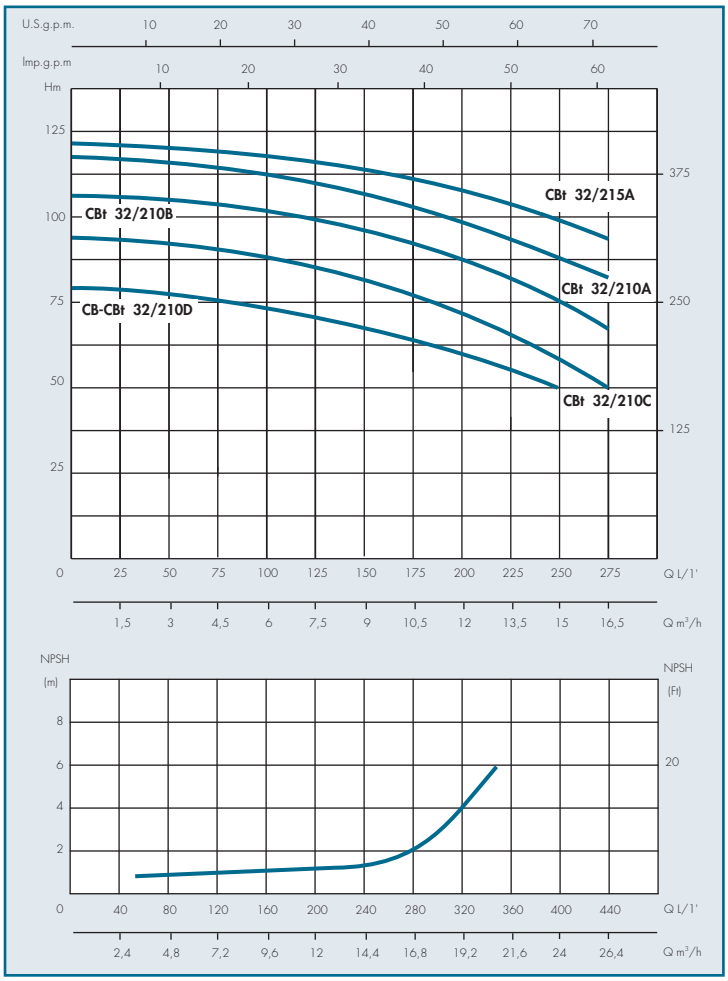
| | |
|---|---|
| - Corpo pompa | Ghisa |
| - Supporto motore | Ghisa |
| - Girante | Ottone |
| - Albero motore | Acciaio Inox |
| - Tenute meccaniche | Ceramica/Grafite |

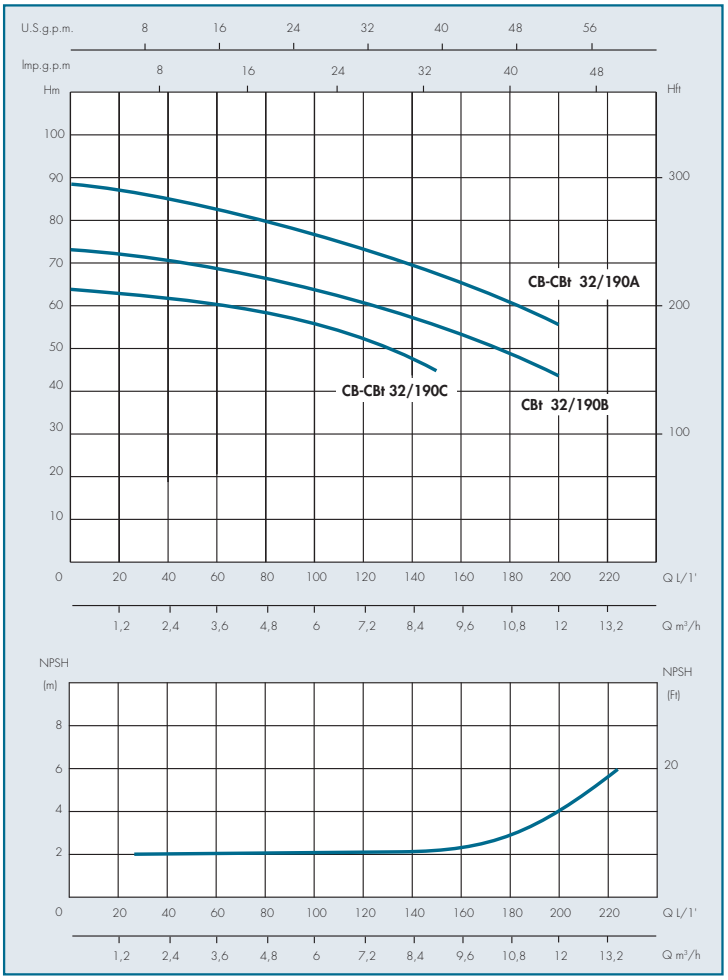
### *MATERIALS*

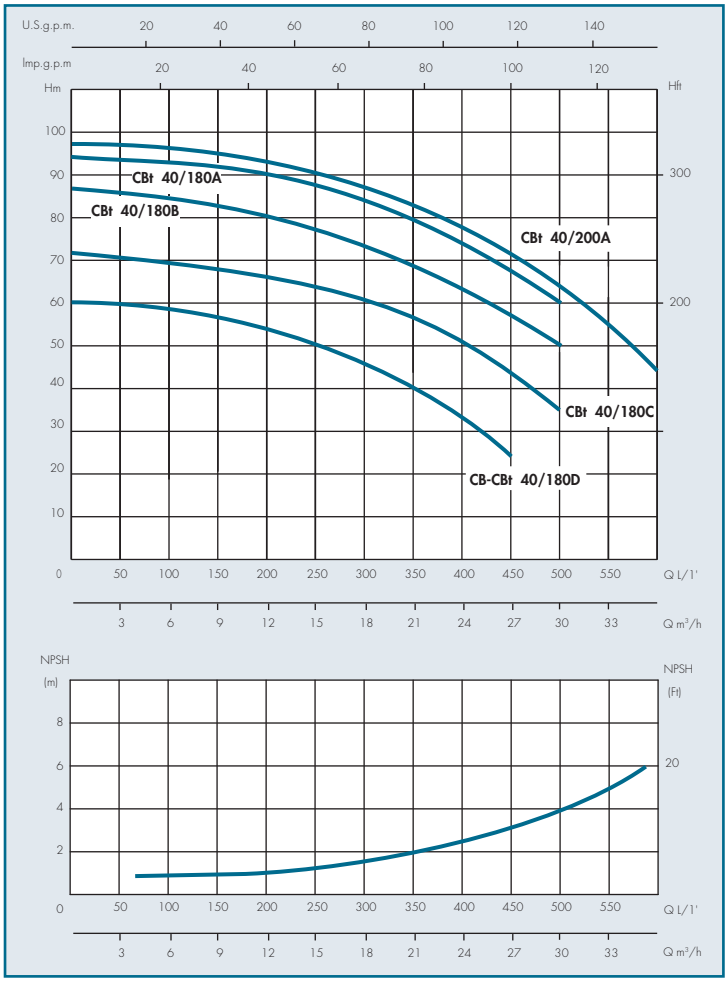
| | |
|---|---|
| - *Pump body* | *Cast Iron* |
| - *Motor Support* | *Cast Iron* |
| - *Impeller* | *Brass* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Mechanical seal* | *Ceramic/Graphite* |

| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | $m^3/h$ | 0 | 1,5 | 3 | 6 | 9 | 12 | 15 | 18 | 24 | 30 | Dimensioni *Dimensions* | |
| | | | | | | lt/1' | 0 | 25 | 50 | 100 | 150 | 200 | 250 | 300 | 400 | 500 | | |
| 230V-50Hz | 230/400V-50Hz | HP | kW | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **CB 25/130A** | **CBt 25/130A** | 1 | 0,75 | 5,5 | 2,5 | H (m) | 44 | 41 | 37 | | | | | | | | 1" | 1" |
| **CB 25/160C** | **CBt 25/160C** | 1,5 | 1,1 | 10 | 3,8 | | 55 | 52 | 49 | 35 | | | | | | | 1"1/4 | 1" |
| **CB 25/160B** | **CBt 25/160B** | 2 | 1,5 | 11 | 4,2 | | 58 | 56 | 54 | 40 | | | | | | | 1"1/4 | 1" |
| **CB 25/160A** | **CBt 25/160A** | 3 | 2,2 | | 5,2 | | 64 | 62 | 60 | 54 | 45 | | | | | | 1"1/4 | 1" |
| | **CBt 25/180A** | 4 | 3 | | 7 | | 72 | 70 | 68 | 60 | 52 | 39 | | | | | 1"1/4 | 1" |
| **CB 32/190C** | **CBt 32/190C** | 3 | 2,2 | | 5,2 | | 64 | 62 | 60 | 54 | 45 | 42 | | | | | 1"1/2 | 1"1/4 |
| | **CBt 32/190B** | 4 | 3 | | 7,5 | | 73,5 | 72 | 69,5 | 63 | 55 | 43 | | | | | 1"1/2 | 1"1/4 |
| **CB 32/190A** | **CBt 32/190A** | 5,5 | 4 | | 9,3 | | 88 | 86 | 84 | 77 | 68 | 56 | | | | | 1"1/2 | 1"1/4 |
| **CB 32/210D** | **CBt 32/210D** | 5,5 | 4 | | 9,3 | | 79 | 78,8 | 78,5 | 75,5 | 70 | 62 | 50 | | | | 2" | 1"1/4 |
| | **CBt 32/210C** | 7,5 | 5,5 | | 13 | | 90 | 89,5 | 89 | 87 | 82,5 | 76 | 64 | 49 | | | 2" | 1"1/4 |
| | **CBt 32/210B** | 10 | 7,5 | | 16 | | 105,5 | 105,3 | 105 | 102,5 | 98 | 91 | 82 | 68 | | | 2" | 1"1/4 |
| | **CBt 32/210A** | 12,5 | 9,2 | | 18,5 | | 117 | 116,8 | 116,5 | 114,5 | 110 | 103 | 94 | 82 | | | 2" | 1"1/4 |
| | **CBt 32/215A** | 15 | 11 | | 21 | | 120 | 119,8 | 119,5 | 117,5 | 112 | 105 | 96 | 84 | | | 2" | 1"1/4 |
| **CB 40/180D** | **CBt 40/180D** | 5,5 | 4 | | 9,3 | | 60 | 59,5 | 59 | 58 | 56,5 | 54 | 50 | 45 | 34 | | 2" | 1"1/2 |
| | **CBt 40/180C** | 7,5 | 5,5 | | 13 | | 71 | 70,9 | 70,7 | 70,5 | 69 | 67 | 63,5 | 60 | 50 | 35 | 2" | 1"1/2 |
| | **CBt 40/180B** | 10 | 7,5 | | 16 | | 87 | 86 | 85,5 | 85 | 83 | 81 | 77,5 | 75 | 65 | 51 | 2" | 1"1/2 |
| | **CBt 40/180A** | 12,5 | 9,2 | | 18,5 | | 93,5 | 93,4 | 93,3 | 93 | 92 | 90 | 87 | 82 | 71 | 58 | 2" | 1"1/2 |
| | **CBt 40/200A** | 15 | 11 | | 21 | | 96 | 95,9 | 95,8 | 95,5 | 94,5 | 92,5 | 89,5 | 85,5 | 76,5 | 65 | 2" | 1"1/2 |


U.S.g.p.m.
Imp.g.p.m
Hm
Hft
Q L/1'
Q m³/h
CB-CBt 25/160A
CBt 25/180A
CB - CBt 25/160B
CB - CBt 25/130A
CB - CBt 25/160C
NPSH
(m)
(Ft)


U.S.g.p.m.
Imp.g.p.m
Hm
Hft
Q L/1'
Q m³/h
CBt 32/215A
CBt 32/210B
CBt 32/210A
CB-CBt 32/210D
CBt 32/210C
NPSH
(m)
(Ft)


U.S.g.p.m.
Imp.g.p.m
Hm
Hft
Q L/1'
Q m³/h
CB-CBt 32/190A
CB-CBt 32/190C
CBt 32/190B
NPSH
(m)
(Ft)


U.S.g.p.m.
Imp.g.p.m
Hm
Hft
Q L/1'
Q m³/h
CBt 40/180A
CBt 40/180B
CBt 40/200A
CBt 40/180C
CB-CBt 40/180D
NPSH
(m)
(Ft)

# ELETTROPOMPE CENTRIFUGHE MONOGIRANTI
# *SINGLE IMPELLER CENTRIFUGAL PUMPS*

## LIMITI D'IMPIEGO
- Temperatura liquido fino a 90° C
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

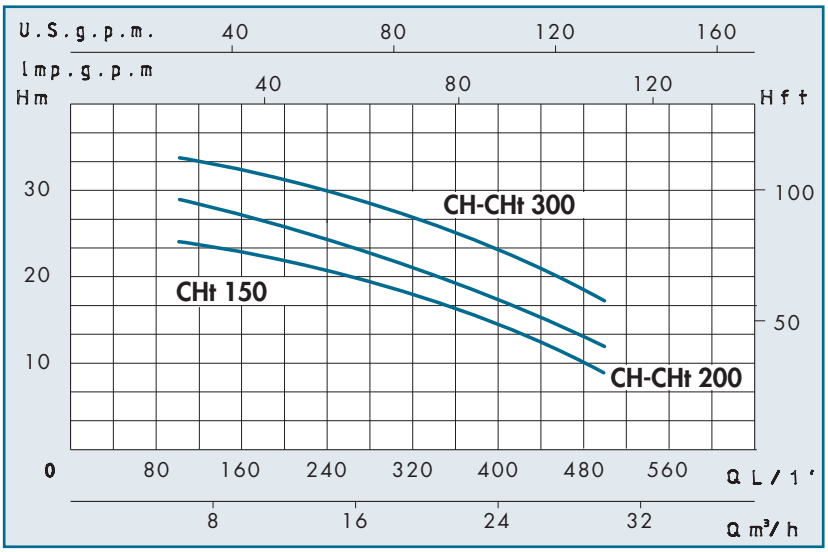
## MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 $min^{-1}$)
- Isolamento Classe F
- Protezione IP 55
- Esecuzione secondo IEC 34

## MATERIALI
| | |
|---|---|
| - Corpo pompa | Ghisa |
| - Supporto motore | Ghisa |
| - Girante | Ghisa |
| - Albero motore | Acciaio Inox |
| - Tenute meccaniche | Ceramica/Grafite |

## *OPERATING CONDITIONS*
- *Liquid temperature up to 90°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 7 mt.*
- *Continuous duty*

## *MOTOR*
- *Two-Pole induction motor (n = 2850 $min^{-1}$)*
- *Insulation Class F*
- *Protection IP 55*
- *IEC 34 construction standard*

## *MATERIALS*
| | |
|---|---|
| - *Pump body* | *Cast Iron* |
| - *Motor Support* | *Cast Iron* |
| - *Impeller* | *Cast Iron* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Mechanical seal* | *Ceramic/Graphite* |




| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | $m^3/h$ | 0 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | Dimensioni *Dimensions* | |
| | | | | | | lt/1' | 0 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | | |
| 230V-50Hz | 230/400V-50Hz | HP | kW | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| | **CHt 150** | 1,5 | 1,1 | | 4,3 | H (m) | | 24 | 23 | 21,5 | 20 | 18,5 | 16,5 | 14,5 | 11,5 | 8,5 | 2" | 2" |
| **CH 200** | **CHt 200** | 2 | 1,5 | 12 | 5,1 | | | 27 | 26 | 25 | 23 | 21 | 19 | 17 | 14,5 | 12 | 2" | 2" |
| **CH 300** | **CHt 300** | 3 | 2,2 | 16 | 5,9 | | | 33,5 | 32,5 | 30,5 | 29 | 27 | 25 | 22,5 | 19,5 | 16,5 | 2" | 2" |

# ELETTROPOMPE CENTRIFUGHE MONOGIRANTI
# *SINGLE IMPELLER CENTRIFUGAL PUMPS*

## LIMITI D'IMPIEGO
- Temperatura liquido fino a 90° C
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

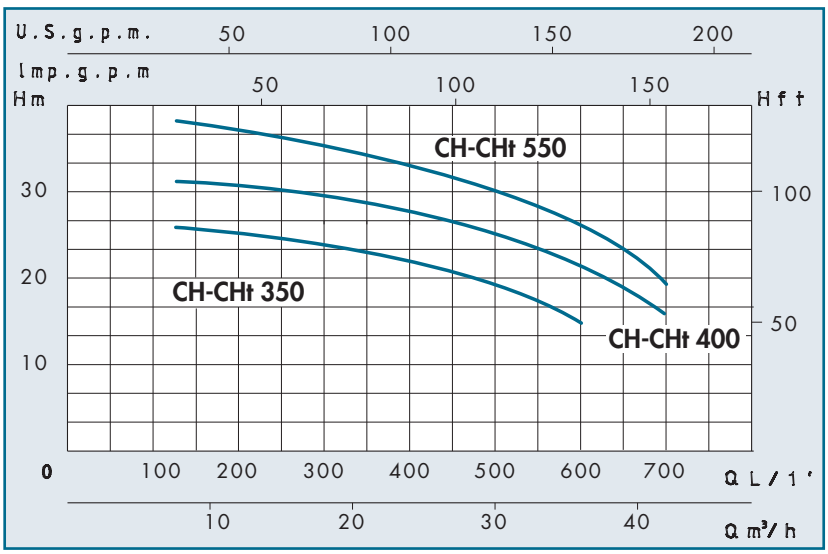
## MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 $min^{-1}$)
- Isolamento Classe F
- Protezione IP 55
- Esecuzione secondo IEC 34

## MATERIALI
| | |
|---|---|
| - Corpo pompa | Ghisa |
| - Supporto motore | Ghisa |
| - Girante | Ghisa |
| - Albero motore | Acciaio Inox |
| - Tenute meccaniche | Ceramica/Grafite |

## *OPERATING CONDITIONS*
- *Liquid temperature up to 90°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 7 mt.*
- *Continuous duty*

## *MOTOR*
- *Two-Pole induction motor (n = 2850 $min^{-1}$)*
- *Insulation Class F*
- *Protection IP 55*
- *IEC 34 construction standard*

## *MATERIALS*
| | |
|---|---|
| - *Pump body* | *Cast Iron* |
| - *Motor Support* | *Cast Iron* |
| - *Impeller* | *Cast Iron* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Mechanical seal* | *Ceramic/Graphite* |




| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | $m^3/h$ | 0 | 6 | 9 | 12 | 15 | 18 | 24 | 30 | 36 | 42 | Dimensioni *Dimensions* | |
| | | | | | | lt/1' | 0 | 100 | 150 | 200 | 250 | 300 | 400 | 500 | 600 | 700 | | |
| 230V-50Hz | 230/400V-50Hz | HP | kW | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **CH 350** | **CHt 350** | 3 | 2,2 | 16 | 5,9 | H (m) | | 26 | 25,5 | 25 | 24,5 | 23,5 | 21,5 | 19 | 15 | | 3" | 2" |
| **CH 400** | **CHt 400** | 4 | 3 | 20 | 7,3 | | | 31,5 | 31,2 | 31 | 30,3 | 29,5 | 27,5 | 24,5 | 20,5 | 16,5 | 3" | 2" |
| **CH 550** | **CHt 550** | 5,5 | 4 | 28 | 9,3 | | | 37 | 36 | 35,5 | 34,5 | 35,5 | 30,5 | 27,5 | 24 | 19 | 3" | 2" |

# ELETTROPOMPE CENTRIFUGHE DI SCORRIMENTO
## *CENTRIFUGAL IRRIGATION PUMPS*

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 60° C
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

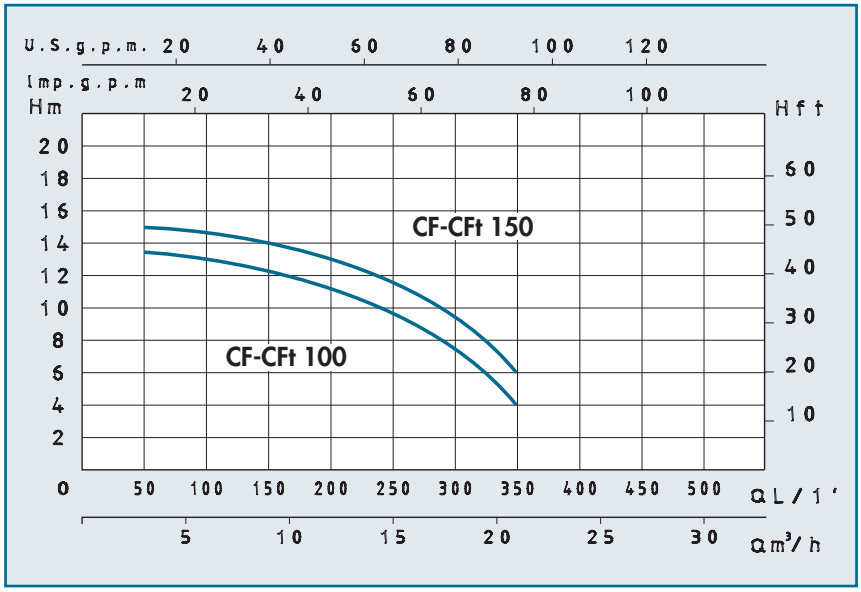
### MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 $min^{-1}$)
- Isolamento Classe F
- Protezione IP 44

### MATERIALI
| | |
|---|---|
| - Corpo pompa | Ghisa |
| - Supporto motore | Ghisa |
| - Girante | Ghisa |
| - Albero motore | Acciaio Inox |
| - Tenute meccaniche | Ceramica/Carbone |

### *OPERATING CONDITIONS*
- *Liquid temperature up to 60°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 7 mt.*
- *Continuous duty*

### *MOTOR*
- *Two-Pole induction motor (n = 2850 $min^{-1}$)*
- *Insulation Class F*
- *Protection IP 44*

### *MATERIALS*
| | |
|---|---|
| - *Pump body* | *Cast Iron* |
| - *Motor Support* | *Cast Iron* |
| - *Impeller* | *Cast Iron* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Mechanical seal* | *Carbon/Ceramic* |




| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | $m^3/h$ | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | Dimensioni *Dimensions* | |
| | | | | | | lt/1' | 50 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | | |
| 230V-50Hz | 230/400V-50Hz | HP | kW | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **CF 100** | **CFt 100** | 1 | 0,75 | 5,3 | 2,2 | H (m) | 13 | 12,8 | 12,2 | 11,5 | 10 | 7 | 4 | | | | 2" | 2" |
| **CF 150** | **CFt 150** | 1,5 | 1,1 | 7,9 | 3 | | 15 | 14,8 | 14,3 | 13,8 | 13 | 9 | 6 | | | | 2" | 2" |

# ELETTROPOMPE CENTRIFUGHE DI SCORRIMENTO
# *CENTRIFUGAL IRRIGATION PUMPS*

## LIMITI D'IMPIEGO
- Temperatura liquido fino a 90° C
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

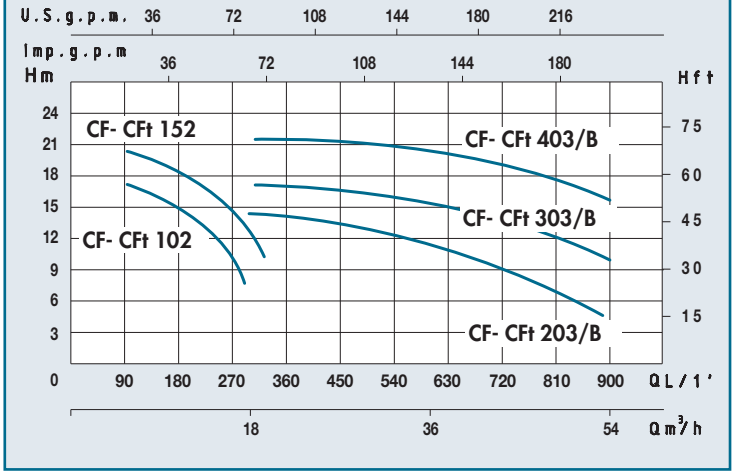
## MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 $min^{-1}$)
- Isolamento Classe F
- Protezione IP 55

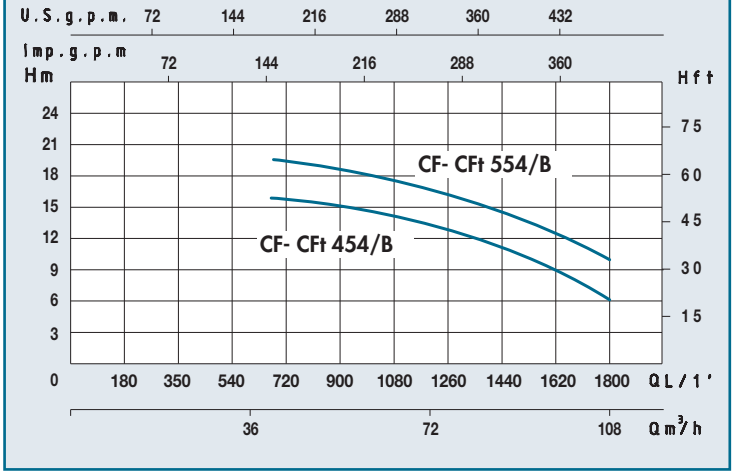
## MATERIALI
- Corpo pompa — Ghisa
- Supporto motore — Ghisa
- Girante — Ghisa
- Albero motore — Acciaio Inox
- Tenute meccaniche — Ceramica/Grafite

## *OPERATING CONDITIONS*
- *Liquid temperature up to 90°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 7 mt.*
- *Continuous duty*

## *MOTOR*
- *Two-Pole induction motor (n = 2850 $min^{-1}$)*
- *Insulation Class F*
- *Protection IP 55*

## *MATERIALS*
- *Pump body* — *Cast Iron*
- *Motor Support* — *Cast Iron*
- *Impeller* — *Cast Iron*
- *Shaft with rotor* — *Stainless Steel*
- *Mechanical seal* — *Ceramic/Graphite*



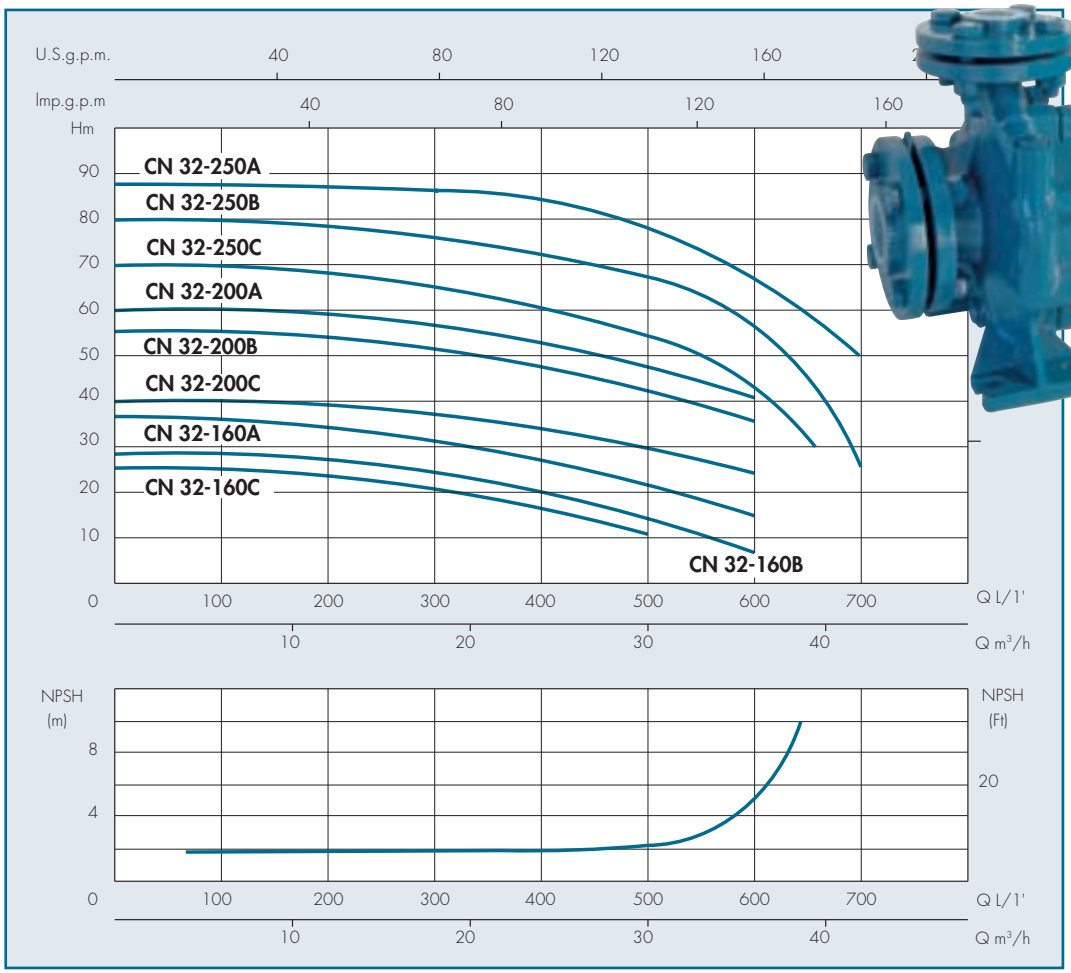

| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | $m^3/h$ | 6 | 12 | 18 | 24 | 30 | 42 | 54 | 72 | 96 | 108 | Dimensioni *Dimensions* | |
| | | | | | | lt/1' | 100 | 200 | 300 | 400 | 500 | 700 | 900 | 1200 | 1600 | 1800 | | |
| 230V-50Hz | 230/400V-50Hz | HP | kW | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **CF 102** | **CFt 102** | 1 | 0,8 | 5,5 | 2,5 | H (m) | 17 | 13,5 | 7,5 | | | | | | | | 2" | 2" |
| **CF 152** | **CFt 152** | 1,5 | 1,1 | 7 | 3,5 | | 19,5 | 16 | 10,5 | | | | | | | | 2" | 2" |
| **CF 203/B** | **CFt 203/B** | 2 | 1,5 | 10,7 | 5 | | | | 13,9 | 13,5 | 13 | 10,5 | 7 | | | | 3" | 3" |
| **CF 303/B** | **CFt 303/B** | 3 | 2,2 | 15 | 5,5 | | | | 17,4 | 17,2 | 17 | 15 | 11,5 | | | | 3" | 3" |
| **CF 403/B** | **CFt 403/B** | 4 | 3 | 20 | 7,3 | | | | 21,4 | 21,2 | 20,5 | 19 | 16,5 | 10 | | | 3" | 3" |
| **CF 454/B** | **CFt 454/B** | 4 | 3 | 20 | 7,3 | | | | | | | 15,3 | 14,8 | 12,5 | 8,5 | 6 | 4" | 4" |
| **CF 554/B** | **CFt 554/B** | 5,5 | 4 | 28 | 9 | | | | | | | 18,3 | 17,9 | 16 | 12 | 10 | 4" | 4" |

# ELETTROPOMPE CENTRIFUGHE MONOBLOCCO
## *MONOBLOCK CENTRIFUGAL PUMPS*

| TIPO *TYPE* | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE Trifase *Three-phase* | Q = PORTATA - *CAPACITY* | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | $m^3/h$ | 6 | 7,5 | 9 | 12 | 15 | 18 | 21 | 24 | 27 |
| | | | | lt/1' | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 | 450 |
| | HP | kW | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | |
| **CN 32-160 C** | 2 | 1,5 | 4,8 | | 25,5 | 25,3 | 25 | 24 | 23 | 21,5 | 20 | 18 | 15,5 |
| **CN 32-160 B** | 3 | 2,2 | 5,7 | | 28,8 | 28,5 | 28 | 27 | 26 | 24,5 | 23 | 21,5 | 18,5 |
| **CN 32-160 A** | 4 | 3 | 7 | | 36,5 | 36 | 35,5 | 34,5 | 33 | 31,5 | 30 | 28,5 | 26 |
| **CN 32-200 C** | 5,5 | 4 | 8,8 | | 40,7 | 40,5 | 40 | 39,5 | 39 | 38 | 36,5 | 35 | 33 |
| **CN 32-200 B** | 7,5 | 5,5 | 14 | | 55,7 | 55,5 | 55 | 54,5 | 54 | 53 | 51,5 | 50 | 48 |
| **CN 32-200 A** | 10 | 7,5 | 15 | | 60,7 | 60,5 | 60 | 59,5 | 58,5 | 57 | 55,5 | 54 | 52 |
| **CN 32-250 C** | 12,5 | 9,2 | 18,5 | | | 70 | 69,5 | 68,5 | 67,5 | 66 | 64,5 | 62,5 | 59,5 |
| **CN 32-250 B** | 15 | 11 | 21,5 | | | 81 | 80,5 | 79,5 | 78,5 | 77 | 75,5 | 73,5 | 71 |
| **CN 32-250 A** | 20 | 15 | 25 | | | 90,5 | 90 | 89,5 | 89 | 87,5 | 86 | 84 | 81,5 |
| **CN 40-160 B** | 4 | 3 | 7,5 | | | | 32,7 | 32,5 | 32,3 | 32 | 31,5 | 30,5 | 29,5 |
| **CN 40-160 A** | 5,5 | 4 | 8,8 | | | | 36,2 | 36 | 35,8 | 35,5 | 35 | 34 | 33 |
| **CN 40-200 B** | 7,5 | 5,5 | 14 | | | | 46,5 | 46 | 45,5 | 45 | 44,5 | 43,5 | 42,5 |
| **CN 40-200 A** | 10 | 7,5 | 18 | | | | 56 | 55,5 | 55 | 54,5 | 54 | 53 | 52 |
| **CN 40-250 B** | 15 | 11 | 22,5 | | | | 74 | 73,9 | 73,8 | 73,7 | 73,5 | 73 | 72 |
| **CN 40-250 A** | 20 | 15 | 29 | | | | 91,5 | 91,4 | 91,3 | 91,2 | 91 | 90,5 | 90 |
| **CN 50-160 D** | 4 | 3 | 7,5 | | | | | | | | 25 | 24,5 | 24 |
| **CN 50-160 C** | 5,5 | 4 | 8,8 | | | | | | | | 29,5 | 29,2 | 28,8 |
| **CN 50-160 B** | 7,5 | 5,5 | 13,2 | | | | | | | | 37 | 36,8 | 36,5 |
| **CN 50-160 A** | 10 | 7,5 | 15 | | | | | | | | 40 | 39,8 | 39,5 |
| **CN 50-200 C** | 12,5 | 9,2 | 18,5 | | | | | | | | | 48,7 | 48,5 |
| **CN 50-200 B** | 15 | 11 | 21 | | | | | | | | | 52,7 | 52,5 |
| **CN 50-200 A** | 20 | 15 | 28 | | | | | | | | | 64,5 | 64 |
| **CN 50-250 C** | 20 | 15 | 32 | | | | | | | | | | 71,3 |
| **CN 50-250 B** | 25 | 18,5 | 36,5 | | | | | | | | | | 80,8 |
| **CN 50-250 A** | 30 | 22,5 | 43 | | | | | | | | | | 90 |
| **CN 65-160 E** | 7,5 | 5,5 | 13,2 | | | | | | | | | | |
| **CN 65-160 D** | 10 | 7,5 | 16 | | | | | | | | | | |
| **CN 65-160 C** | 12,5 | 9,2 | 18,5 | | | | | | | | | | |
| **CN 65-160 B** | 15 | 11 | 21 | | | | | | | | | | |
| **CN 65-160 A** | 20 | 15 | 26 | | | | | | | | | | |
| **CN 65-200 C** | 20 | 15 | 32 | | | | | | | | | | |
| **CN 65-200 B** | 25 | 18,5 | 36,5 | | | | | | | | | | |
| **CN 65-200 A** | 30 | 22,5 | 43 | | | | | | | | | | |
| **CN 65-250 B** | 40 | 30 | 54 | | | | | | | | | | |
| **CN 65-250 A** | 50 | 37 | 62 | | | | | | | | | | |
| **CN 80-160 D** | 15 | 11 | 20,5 | | | | | | | | | | |
| **CN 80-160 C** | 20 | 15 | 24 | | | | | | | | | | |
| **CN 80-160 B** | 25 | 18,5 | 30 | | | | | | | | | | |
| **CN 80-160 A** | 30 | 22,5 | 35 | | | | | | | | | | |
| **CN 80-200 B** | 40 | 30 | 54 | | | | | | | | | | |
| **CN 80-200 A** | 50 | 37 | 62 | | | | | | | | | | |

Q = PORTATA - *CAPACITY*

| | 30 | 33 | 36 | 39 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 96 | 108 | 120 | 132 | 144 | 156 | 168 | 180 | 195 | 210 | 225 | 240 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 500 | 550 | 600 | 650 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 | 2600 | 2800 | 3000 | 3250 | 3500 | 3750 | 4000 |
| | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | 15,5 | | | | | | | | | | | | | | | | | | | | | | | |
| | 23,5 | | | | | | | | | | | | | | | | | | | | | | | |
| | 31,5 | 29 | 26 | | | | | | | | | | | | | | | | | | | | | |
| | 46,5 | 44,5 | 42,5 | | | | | | | | | | | | | | | | | | | | | |
| | 49,5 | 47,5 | 45,5 | | | | | | | | | | | | | | | | | | | | | |
| | 56 | 51 | 45 | | | | | | | | | | | | | | | | | | | | | |
| | 67,5 | 63,5 | 58 | | | | | | | | | | | | | | | | | | | | | |
| | 78 | 74 | 68,5 | | | | | | | | | | | | | | | | | | | | | |
| | 28 | 27 | 25,5 | 23 | 21 | | | | | | | | | | | | | | | | | | | |
| | 32 | 31 | 29,5 | 28 | 26 | 22 | | | | | | | | | | | | | | | | | | |
| | 41,5 | 40,5 | 39,5 | 38,5 | 37 | 34,5 | 31,5 | | | | | | | | | | | | | | | | | |
| | 51 | 50 | 49 | 48 | 46,5 | 44 | 40,5 | | | | | | | | | | | | | | | | | |
| | 71 | 70 | 68,5 | 67 | 65,5 | 61,5 | 54 | | | | | | | | | | | | | | | | | |
| | 89 | 88 | 87 | 85,5 | 83,5 | 79,5 | 73 | | | | | | | | | | | | | | | | | |
| | 23,5 | 22,8 | 22 | 21,3 | 20,5 | 19 | 17 | 15 | 13 | 10 | | | | | | | | | | | | | | |
| | 28,3 | 27,8 | 27,1 | 26,4 | 25,6 | 24 | 22,5 | 20,5 | 18 | 15,5 | | | | | | | | | | | | | | |
| | 36 | 35,5 | 35 | 34,5 | 34 | 32 | 30,5 | 28,5 | 26 | 23,5 | 20,5 | | | | | | | | | | | | | |
| | 39 | 38,5 | 38 | 37,5 | 37 | 35 | 33,5 | 31,5 | 29 | 26,5 | 23 | | | | | | | | | | | | | |
| | 48,2 | 47,8 | 47,5 | 47 | 46,5 | 45 | 43,5 | 42 | 39,5 | 37 | 33 | | | | | | | | | | | | | |
| | 52,2 | 51,7 | 51,2 | 50,7 | 50,2 | 49,2 | 48 | 46 | 43,5 | 41 | 38 | | | | | | | | | | | | | |
| | 63,5 | 63 | 62,5 | 62 | 61,5 | 60,5 | 59,5 | 58 | 56,5 | 54,5 | 51,5 | | | | | | | | | | | | | |
| | 71 | 70,5 | 70 | 69,5 | 68,5 | 67 | 65 | 63 | 61 | 58 | 54 | | | | | | | | | | | | | |
| | 80,5 | 80 | 79,5 | 79 | 78,5 | 77 | 75 | 73 | 70,5 | 68 | 65 | | | | | | | | | | | | | |
| | 89,7 | 89,3 | 89 | 88,5 | 88 | 86,5 | 85 | 83 | 81 | 79 | 71 | | | | | | | | | | | | | |
| | | | | | 24,5 | 24,2 | 24 | 23,5 | 23 | 22,5 | 21,5 | 20,5 | 18,5 | 16 | 12,5 | | | | | | | | | |
| | | | | | 28,5 | 28,2 | 28 | 27,5 | 27 | 26,5 | 25,8 | 25 | 23 | 21 | 18 | 14 | | | | | | | | |
| | | | | | 32 | 31,7 | 31,5 | 31,2 | 30,7 | 30,2 | 29,7 | 29 | 27 | 25 | 22 | 19 | 16 | | | | | | | |
| | | | | | 35,5 | 35 | 34,8 | 34,5 | 34 | 33,5 | 33 | 32,5 | 31 | 29 | 26,5 | 24 | 20 | | | | | | | |
| | | | | | 40 | 39,5 | 39 | 38,5 | 38 | 37,5 | 37 | 36,5 | 35,5 | 33,5 | 31 | 28,5 | 26 | | | | | | | |
| | | | | | | 48,5 | 48 | 47,5 | 47 | 46,2 | 45,5 | 44,5 | 42,5 | 40,5 | 38 | 34,5 | 31 | | | | | | | |
| | | | | | | 52,5 | 52 | 51,5 | 51 | 50,5 | 50 | 49 | 47 | 45 | 43 | 40 | 36 | | | | | | | |
| | | | | | | 60,5 | 60 | 59,5 | 59 | 58,5 | 58 | 57,5 | 56 | 54,5 | 52,5 | 49,5 | 45,5 | | | | | | | |
| | | | | | | | 79,5 | 78,5 | 77,3 | 76 | 74,5 | 73 | 69,3 | 65 | 60 | 54,5 | 48,5 | | | | | | | |
| | | | | | | | 89,5 | 88,5 | 87,5 | 86,5 | 85,5 | 84 | 80,5 | 76,5 | 72 | 66,5 | 60,5 | 54 | | | | | | |
| | | | | | | | | | 27,5 | 27,4 | 27,3 | 27,1 | 26,4 | 25,2 | 24 | 22,5 | 21 | 19,2 | 17,4 | 15,5 | | | | |
| | | | | | | | | | 30,6 | 30,5 | 30,4 | 30,2 | 29,6 | 28,7 | 27,5 | 26,2 | 24,8 | 23,2 | 21,5 | 19,6 | 17 | | | |
| | | | | | | | | | 35 | 34,9 | 34,8 | 34,6 | 34,1 | 33,4 | 32,5 | 31,3 | 30,2 | 28,7 | 27 | 25,3 | 22,8 | 20 | | |
| | | | | | | | | | 38,6 | 38,5 | 38,2 | 38 | 37,7 | 37 | 36,3 | 35,3 | 34,2 | 33 | 31,6 | 30 | 27,8 | 25 | 22 | |
| | | | | | | | | | 54,1 | 54 | 53,8 | 53,6 | 53,1 | 52,2 | 51,3 | 50,4 | 49,2 | 47,7 | 46,2 | 44,2 | 41,2 | 38 | 33,6 | 28,5 |
| | | | | | | | | | 58,8 | 58,7 | 58,5 | 58,3 | 57,8 | 57,2 | 56,3 | 55,4 | 54,2 | 53 | 51,5 | 50 | 48 | 45 | 42 | 39 |


U.S.g.p.m.
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CN 32-250B
CN 32-250C
CN 32-200A
CN 32-200B
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CN 32-160A
CN 32-160C
CN 32-160B
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(Ft)
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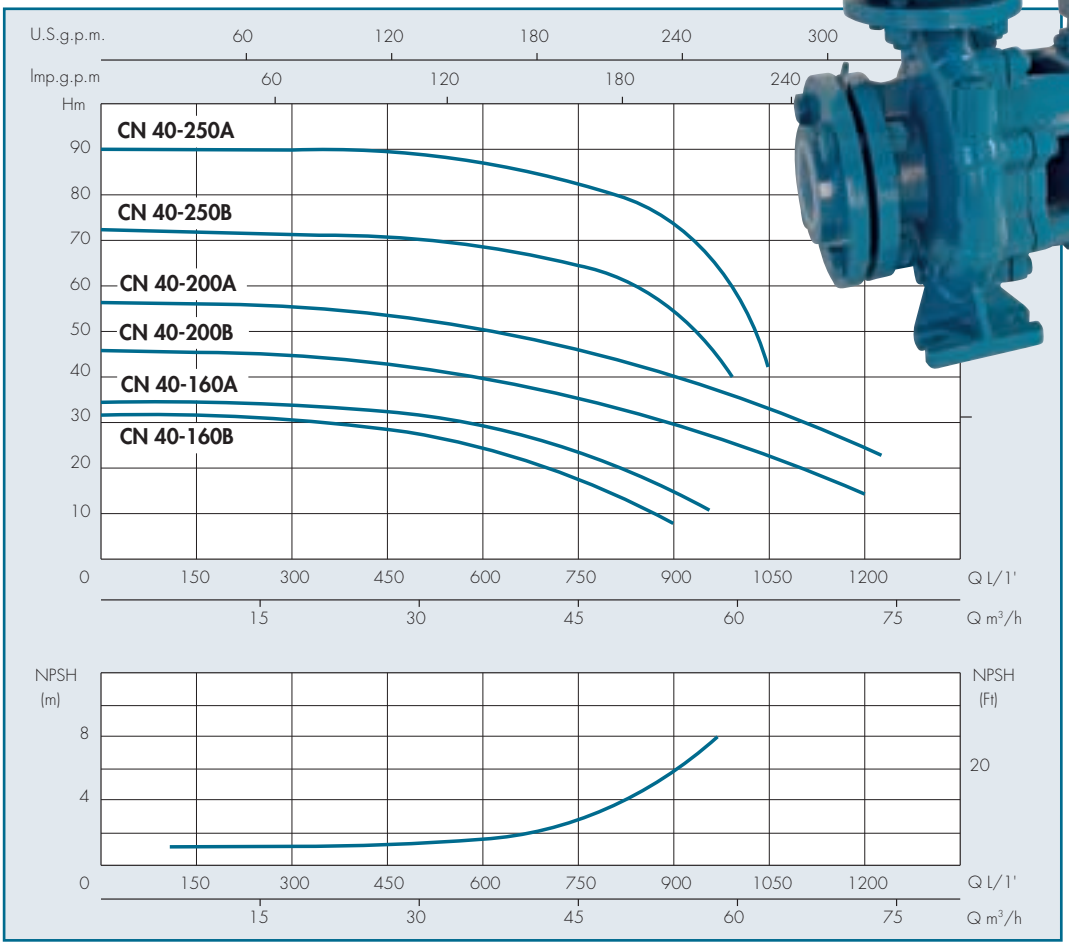
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CN 40-250B
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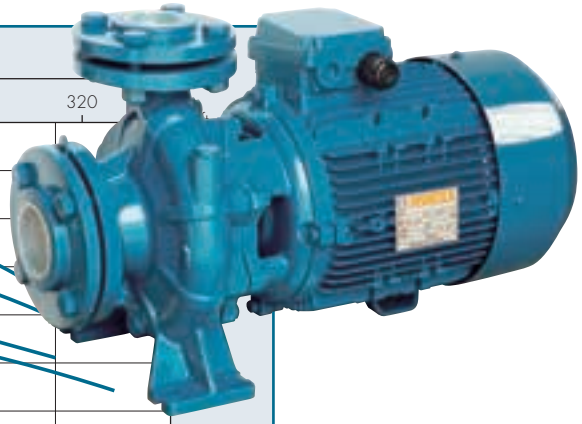

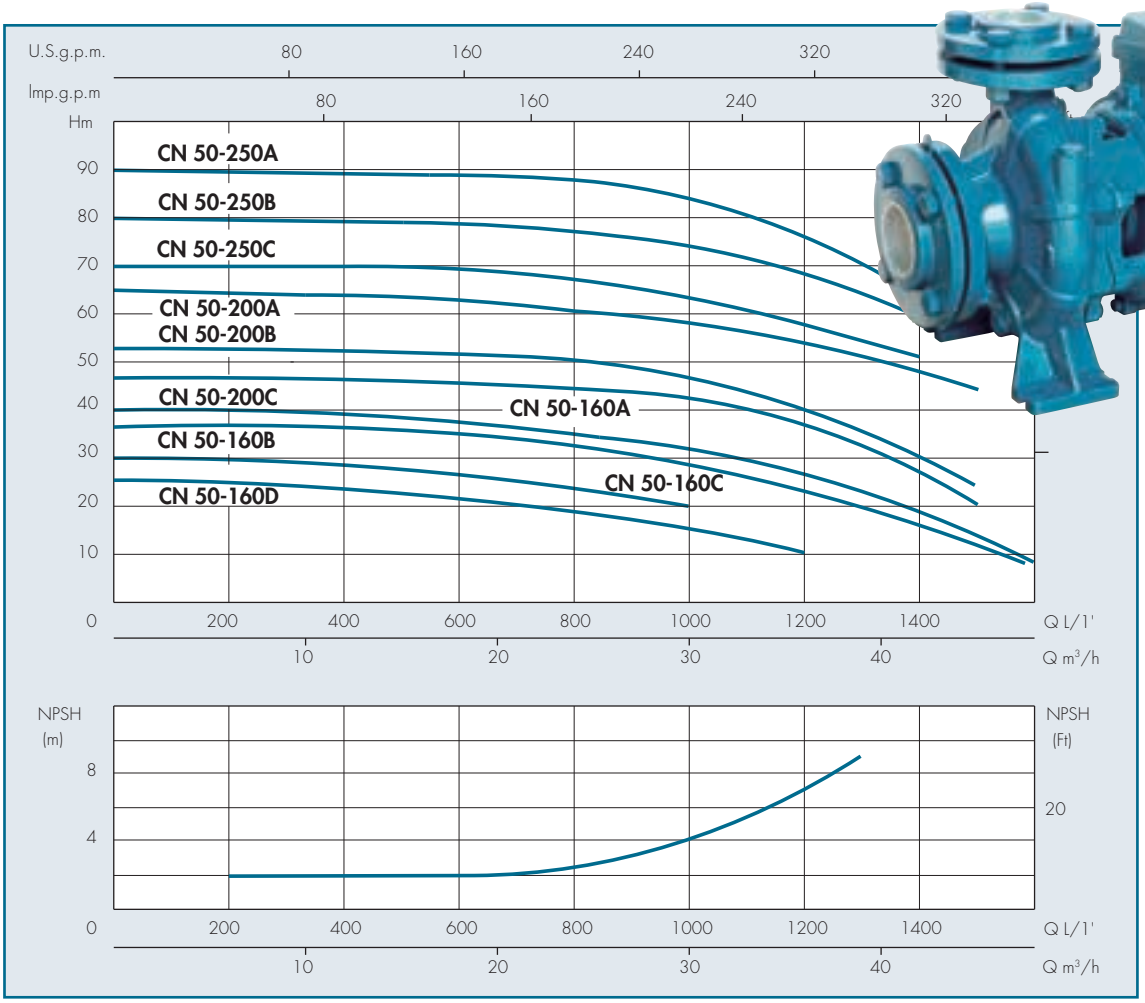
U.S.g.p.m.
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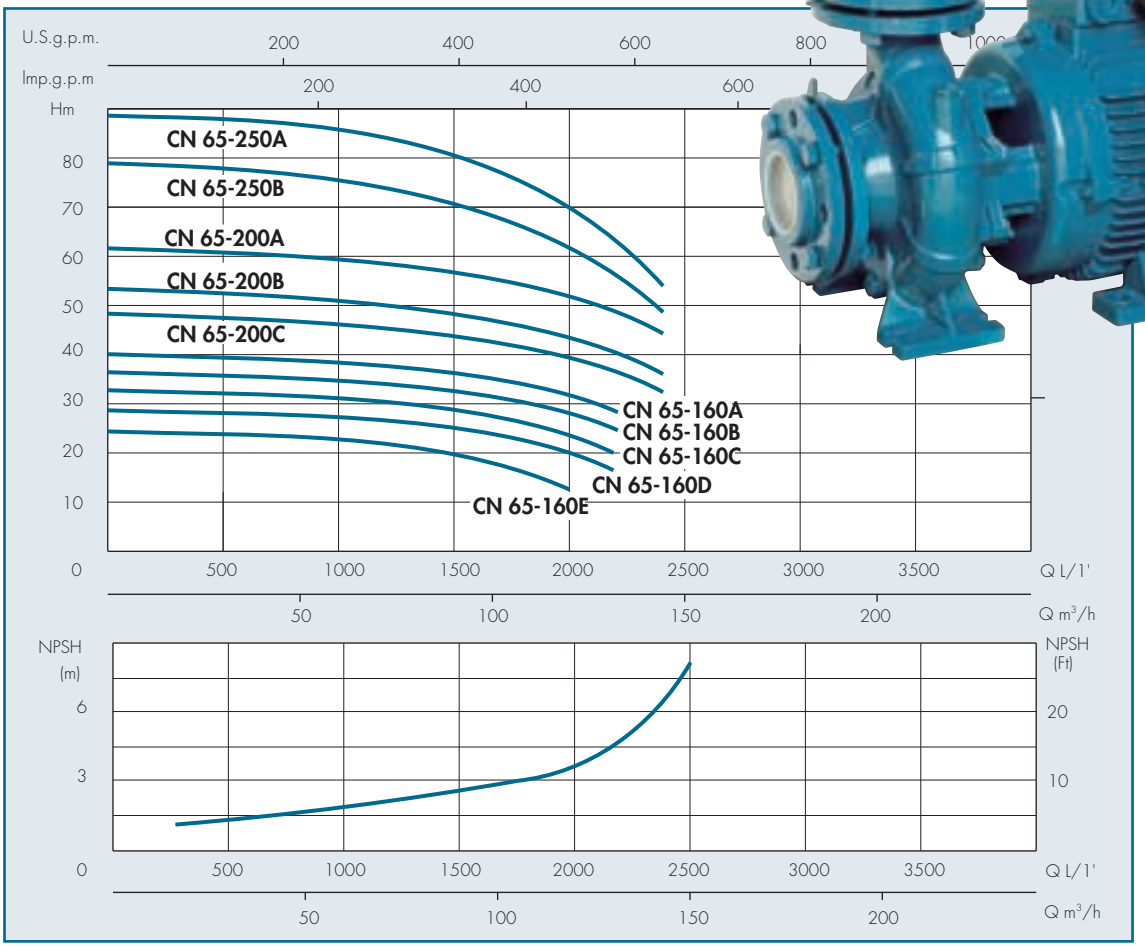
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CN 65-200C
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CN 65-160B
CN 65-160C
CN 65-160D
CN 65-160E
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Q L/1'
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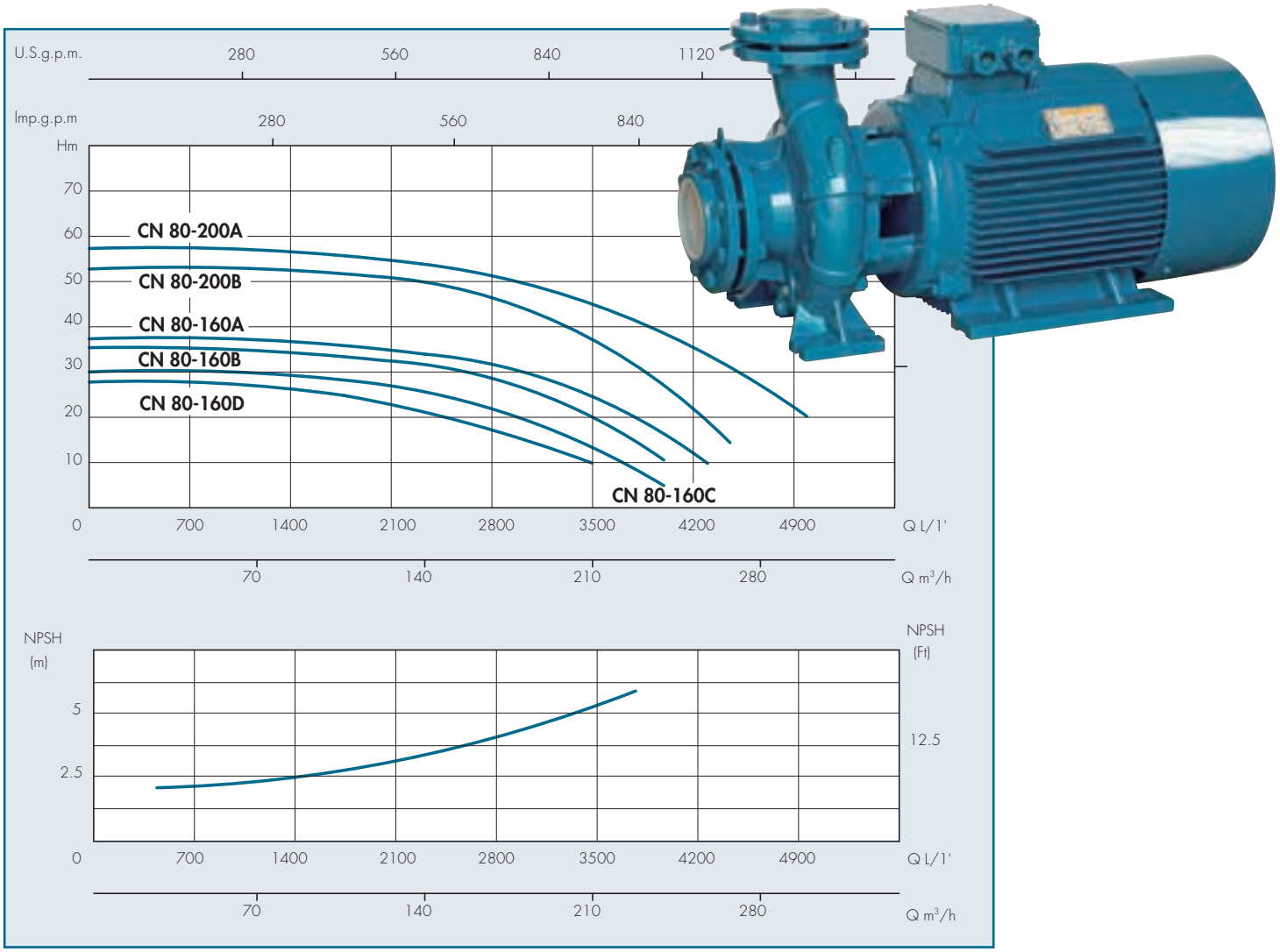
Q m³/h




## LIMITI D'IMPIEGO

- Temperatura liquido fino a 90° C
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

## MOTORE

- Motore elettrico ad induzione a 2 poli (n = 2850 $min^{-1}$)
- Isolamento Classe F
- Protezione IP 55
- Esecuzione secondo IEC 34

## MATERIALI

- Corpo pompa in Ghisa, dimensionato secondo le norme DIN 24255 - NF E 44-III UNI 7467, con bocche di aspirazione e di mandata flangiante (secondo le norme UNI 2236 PN 10), con controflange del tipo filettato;
- Supporto corpo pompa-motore in ghisa;
- Girante in ghisa;
- Albero in acciaio inossidabile;
- Tenuta meccanica in Ceramica/Grafite;

## *OPERATING CONDITIONS*

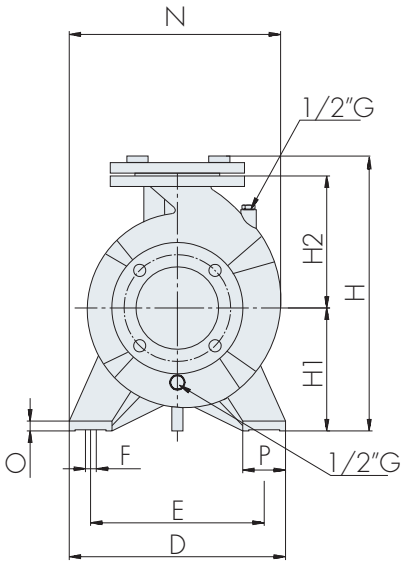
- *Liquid temperature up to 90°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 7 mt.*
- *Continuous duty*

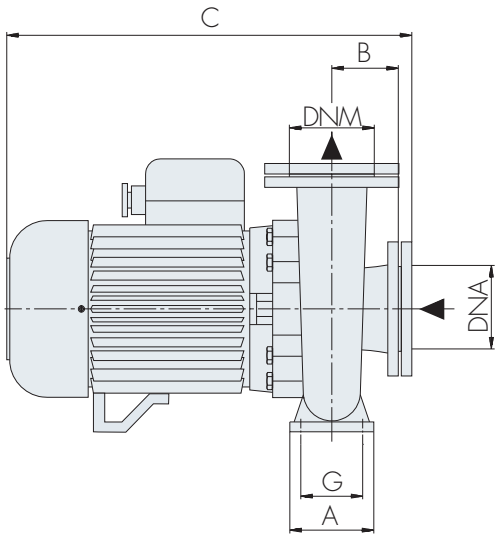
## *MOTOR*

- *Two-Pole induction motor (n = 2850 $min^{-1}$)*
- *Insulation Class F*
- *Protection IP 55*
- *IEC 34 construction standard*

## *MATERIALS*

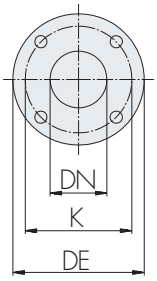
- *Pump body in Cast Iron, dimensioned to DIN 24255 - NF E 44-III - UNI 7467 standards, with flanged inlet and delivery openings (to UNI 2238 PN 10 standards) and threaded counter-flanges;*
- *Pump body-motor support in cast iron;*
- *Impeller in cast iron;*
- *Shaft in stainless steel;*
- *Mechanical Seal in Carbon/Graphite;*




## FLANGE - *FLANGES*

| DIMENSIONI mm - *DIMENSIONS mm* | | | | |
|---|---|---|---|---|
| DN | DE | K | fori - *holes* | |
| | | | n° | ∅ |
| 32 | 140 | 100 | 4 | 18 |
| 40 | 150 | 110 | 4 | 18 |
| 50 | 165 | 125 | 4 | 18 |
| 65 | 185 | 145 | 4 | 18 |
| 80 | 200 | 160 | 8 | 18 |
| 100 | 220 | 180 | 8 | 18 |




## DIMENSIONI E PESI - *DIMENSIONS AND WEIGHTS*

| TIPO *TYPE* | DIMENSIONI mm - *DIMENSIONS mm* | | | | | | | | | | | | | | | Dimensioni *Dimensions* mm | | | Peso *Weight* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | H1 | H2 | N | O | P | DNA | DNM | P | L | H | Kg |
| **CN 32-160 C** | 100 | 80 | 480 | 240 | 190 | 15 | 70 | 322 | 132 | 160 | 240 | 13,5 | 50 | 50 | 32 | 250 | 520 | 360 | 36 |
| **CN 32-160 B** | 100 | 80 | 480 | 240 | 190 | 15 | 70 | 322 | 132 | 160 | 240 | 13,5 | 50 | 50 | 32 | 250 | 520 | 360 | 39 |
| **CN 32-160 A** | 100 | 80 | 510 | 240 | 190 | 15 | 70 | 322 | 132 | 160 | 240 | 13,5 | 50 | 50 | 32 | 250 | 520 | 360 | 42 |
| **CN 32-200 C** | 100 | 80 | 550 | 240 | 190 | 15 | 70 | 370 | 160 | 180 | 273 | 15 | 50 | 50 | 32 | 300 | 660 | 390 | 52 |
| **CN 32-200 B** | 100 | 80 | 630 | 240 | 190 | 15 | 70 | 370 | 160 | 180 | 273 | 15 | 50 | 50 | 32 | 300 | 660 | 390 | 63 |
| **CN 32-200 A** | 100 | 80 | 630 | 240 | 190 | 15 | 70 | 370 | 160 | 180 | 273 | 15 | 50 | 50 | 32 | 300 | 660 | 390 | 69 |
| **CN 32-250 C** | 125 | 100 | 745 | 320 | 250 | 15 | 95 | 445 | 180 | 225 | 335 | 18 | 65 | 50 | 32 | 355 | 790 | 455 | 83 |
| **CN 32-250 B** | 125 | 100 | 745 | 320 | 250 | 15 | 95 | 445 | 180 | 225 | 335 | 18 | 65 | 50 | 32 | 355 | 790 | 455 | 90 |
| **CN 32-250 A** | 125 | 100 | 745 | 320 | 250 | 15 | 95 | 445 | 180 | 225 | 335 | 18 | 65 | 50 | 32 | 355 | 790 | 455 | 120 |
| **CN 40-160 B** | 100 | 80 | 550 | 240 | 190 | 15 | 70 | 322 | 132 | 160 | 240 | 15 | 50 | 65 | 40 | 250 | 560 | 370 | 47 |
| **CN 40-160 A** | 100 | 80 | 550 | 240 | 190 | 15 | 70 | 322 | 132 | 160 | 240 | 15 | 50 | 65 | 40 | 250 | 560 | 370 | 50 |
| **CN 40-200 B** | 100 | 100 | 640 | 265 | 212 | 15 | 70 | 370 | 160 | 180 | 281 | 15 | 50 | 65 | 40 | 300 | 660 | 390 | 65 |
| **CN 40-200 A** | 100 | 100 | 640 | 265 | 212 | 15 | 70 | 370 | 160 | 180 | 281 | 15 | 50 | 65 | 40 | 300 | 660 | 390 | 71 |
| **CN 40-250 B** | 125 | 100 | 745 | 320 | 250 | 15 | 95 | 435 | 180 | 225 | 335 | 18 | 65 | 65 | 40 | 355 | 790 | 455 | 91 |
| **CN 40-250 A** | 125 | 100 | 745 | 320 | 250 | 15 | 95 | 435 | 180 | 225 | 335 | 18 | 65 | 65 | 40 | 355 | 790 | 455 | 121 |
| **CN 50-160 D** | 100 | 100 | 570 | 265 | 212 | 15 | 70 | 372 | 160 | 180 | 268 | 15 | 50 | 65 | 50 | 300 | 660 | 390 | 50 |
| **CN 50-160 C** | 100 | 100 | 570 | 265 | 212 | 15 | 70 | 372 | 160 | 180 | 268 | 15 | 50 | 65 | 50 | 300 | 660 | 390 | 60 |
| **CN 50-160 B** | 100 | 100 | 650 | 265 | 212 | 15 | 70 | 372 | 160 | 180 | 268 | 15 | 50 | 65 | 50 | 300 | 660 | 390 | 65 |
| **CN 50-160 A** | 100 | 100 | 650 | 265 | 212 | 15 | 70 | 372 | 160 | 180 | 268 | 15 | 50 | 65 | 50 | 300 | 660 | 390 | 71 |
| **CN 50-200 C** | 100 | 100 | 745 | 265 | 212 | 15 | 70 | 425 | 160 | 200 | 335 | 18 | 50 | 65 | 50 | 355 | 790 | 455 | 82 |
| **CN 50-200 B** | 100 | 100 | 745 | 265 | 212 | 15 | 70 | 425 | 160 | 200 | 335 | 18 | 50 | 65 | 50 | 355 | 790 | 455 | 89 |
| **CN 50-200 A** | 100 | 100 | 745 | 265 | 212 | 15 | 70 | 425 | 160 | 200 | 335 | 18 | 50 | 65 | 50 | 355 | 790 | 455 | 122 |
| **CN 50-250 C** | 125 | 100 | 750 | 320 | 250 | 15 | 95 | 435 | 180 | 225 | 340 | 18 | 65 | 65 | 50 | 355 | 790 | 455 | 125 |
| **CN 50-250 B** | 125 | 100 | 795 | 320 | 250 | 15 | 95 | 435 | 180 | 225 | 340 | 18 | 65 | 65 | 50 | 355 | 790 | 455 | 140 |
| **CN 50-250 A** | 125 | 100 | 825 | 320 | 250 | 15 | 95 | 455 | 180 | 225 | 360 | 18 | 65 | 65 | 50 | 380 | 850 | 465 | 149 |
| **CN 65-160 E** | 125 | 100 | 610 | 280 | 212 | 15 | 95 | 395 | 160 | 200 | 295 | 18 | 65 | 80 | 65 | 355 | 790 | 455 | 70 |
| **CN 65-160 D** | 125 | 100 | 610 | 280 | 212 | 15 | 95 | 395 | 160 | 200 | 295 | 18 | 65 | 80 | 65 | 355 | 790 | 455 | 80 |
| **CN 65-160 C** | 125 | 100 | 750 | 280 | 212 | 15 | 95 | 425 | 160 | 200 | 340 | 18 | 65 | 80 | 65 | 355 | 790 | 455 | 84 |
| **CN 65-160 B** | 125 | 100 | 750 | 280 | 212 | 15 | 95 | 425 | 160 | 200 | 340 | 18 | 65 | 80 | 65 | 355 | 790 | 455 | 90 |
| **CN 65-160 A** | 125 | 100 | 750 | 280 | 212 | 15 | 95 | 425 | 160 | 200 | 340 | 18 | 65 | 80 | 65 | 355 | 790 | 455 | 120 |
| **CN 65-200 C** | 125 | 100 | 745 | 320 | 250 | 15 | 95 | 445 | 180 | 225 | 335 | 18 | 65 | 80 | 65 | 355 | 790 | 455 | 122 |
| **CN 65-200 B** | 125 | 100 | 790 | 320 | 250 | 15 | 95 | 445 | 180 | 225 | 335 | 18 | 65 | 80 | 65 | 355 | 790 | 455 | 138 |
| **CN 65-200 A** | 125 | 100 | 825 | 320 | 250 | 15 | 95 | 455 | 180 | 225 | 360 | 18 | 65 | 80 | 65 | 380 | 850 | 465 | 148 |
| **CN 65-250 B** | 160 | 100 | 825 | 360 | 280 | 18 | 120 | 485 | 200 | 250 | 370 | 18 | 85 | 80 | 65 | 380 | 920 | 485 | 235 |
| **CN 65-250 A** | 160 | 100 | 825 | 360 | 280 | 18 | 120 | 485 | 200 | 250 | 370 | 18 | 85 | 80 | 65 | 380 | 920 | 485 | 250 |
| **CN 80-160 D** | 125 | 125 | 790 | 320 | 250 | 15 | 95 | 445 | 180 | 225 | 350 | 18 | 65 | 100 | 80 | 380 | 850 | 465 | 99 |
| **CN 80-160 C** | 125 | 125 | 790 | 320 | 250 | 15 | 95 | 445 | 180 | 225 | 350 | 18 | 65 | 100 | 80 | 380 | 850 | 465 | 129 |
| **CN 80-160 B** | 125 | 125 | 835 | 320 | 250 | 15 | 95 | 445 | 180 | 225 | 350 | 18 | 65 | 100 | 80 | 380 | 850 | 465 | 143 |
| **CN 80-160 A** | 125 | 125 | 870 | 320 | 250 | 15 | 95 | 445 | 180 | 225 | 360 | 18 | 65 | 100 | 80 | 380 | 920 | 485 | 152 |
| **CN 80-200 B** | 125 | 125 | 900 | 345 | 280 | 15 | 95 | 470 | 180 | 250 | 360 | 18 | 65 | 100 | 80 | 380 | 920 | 485 | 233 |
| **CN 80-200 A** | 125 | 125 | 900 | 345 | 280 | 15 | 95 | 470 | 180 | 250 | 360 | 18 | 65 | 100 | 80 | 380 | 920 | 485 | 247 |

WORTEX

# ELETTROPOMPE AUTOADESCANTI JET INOX
# *SELFPRIMING JET INOX PUMPS*

80/100

130/160

## LIMITI D'IMPIEGO
- Temperatura liquido fino a 35° C
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 8 mt.
- Servizio continuo

## MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 $min^{-1}$)
- Isolamento Classe F
- Protezione IP 44

## MATERIALI

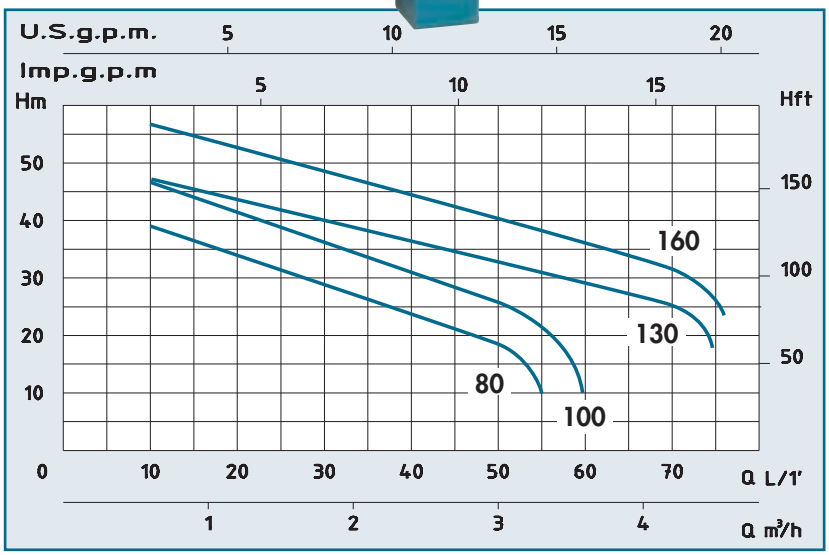
| | |
|---|---|
| - Corpo pompa | Acciaio Inox |
| - Supporto motore | Alluminio |
| - Girante | Noryl |
| - Girante | Acciaio Inox (130-160) |
| - Diffusore | Noryl |
| - Flangia portatenuta | Acciaio Inox |
| - Albero motore | Acciaio Inox |
| - Tenute meccaniche | Ceramica/Carbone |

## *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 8 mt.*
- *Continuous duty*

## *MOTOR*
- *Two-Pole induction motor (n = 2850 $min^{-1}$)*
- *Insulation Class F*
- *Protection IP 44*

## *MATERIALS*

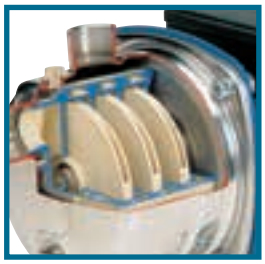
| | |
|---|---|
| - *Pump body* | *Stainless Steel* |
| - *Motor Support* | *Aluminium* |
| - *Impeller* | *Noryl* |
| - *Impeller* | *Stainless Steel (130-160)* |
| - *Diffuser* | *Noryl* |
| - *Pump flange* | *Stainless Steel* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Mechanical seal* | *Carbon/Ceramic* |




| TIPO - *TYPE* | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | Q = PORTATA - *CAPACITY* | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | | | Monofase *Single-phase* | $m^3/h$ | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3 | 3,6 | Dimensioni *Dimensions* |
| | | | | lt/1' | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 60 | |
| 230V-50Hz | HP | kW | 1 x 230V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA DNM |
| **JX 80** | 0,8 | 0,6 | 3,8 | H (m) | 38 | 36 | 34 | 32 | 29 | 27 | 24 | 22 | 19 | | 1" | 1" |
| **JX 100** | 1 | 0,75 | 5 | | 46 | 43 | 40 | 38 | 35 | 32 | 30 | 29 | 26 | | 1" | 1" |

| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | $m^3/h$ | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 3 | 3,6 | 4,2 | Dimensioni *Dimensions* |
| | | | | | | lt/1' | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 50 | 60 | 70 | |
| 230V-50Hz | 230/400V-50Hz | HP | kW | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA DNM |
| **JX 130** | **JXt 130** | 1,3 | 1 | 5,8 | 2,8 | H (m) | 47 | 45 | 44 | 41 | 39 | 37 | 35 | 32 | 28 | 26 | 1" | 1" |
| **JX 160** | **JXt 160** | 1,6 | 1,1 | 7,5 | 3,5 | | 56 | 53 | 50 | 48 | 46 | 44 | 42 | 36 | 34 | 32 | 1"1/4 | 1" |

# ELETTROPOMPA CENTRIFUGA AUTOADESCANTE MULTISTADIO
## *CENTRIFUGAL SELFPRIMING MULTISTAGE PUMP*



103

135

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 35° C
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 8 mt.
- Servizio continuo

### MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 $min^{-1}$)
- Isolamento Classe F
- Protezione IP 44

### MATERIALI

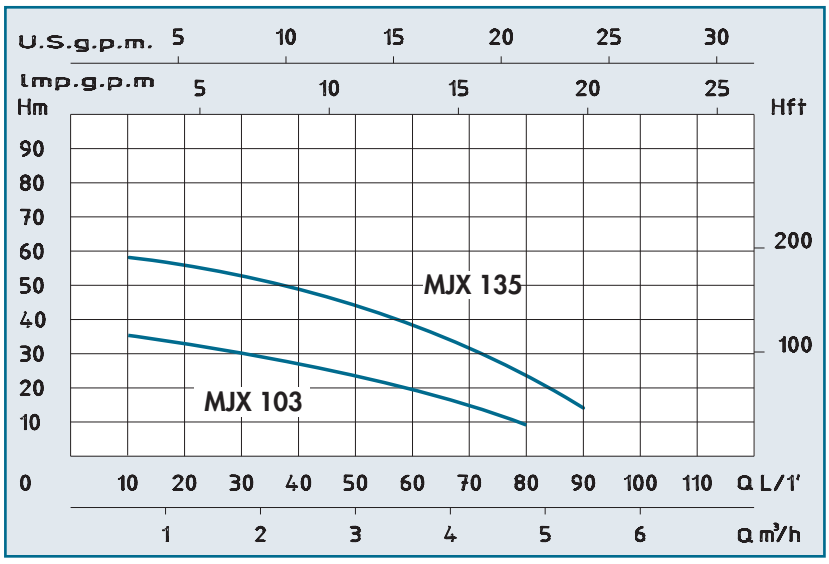
| | |
|---|---|
| - Corpo pompa | Acciaio Inox |
| - Supporto motore | Alluminio |
| - Girante | Noryl |
| - Diffusore | Noryl |
| - Flangia portatenuta | Acciaio Inox |
| - Albero motore | Acciaio Inox |
| - Tenute meccaniche | Ceramica/Carbone |

### *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 8 mt.*
- *Continuous duty*

### *MOTOR*
- *Two-Pole induction motor (n = 2850 $min^{-1}$)*
- *Insulation Class F*
- *Protection IP 44*

### *MATERIALS*

| | |
|---|---|
| - *Pump body* | *Stainless Steel* |
| - *Motor Support* | *Aluminium* |
| - *Impeller* | *Noryl* |
| - *Diffuser* | *Noryl* |
| - *Pump flange* | *Stainless Steel* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Mechanical seal* | *Carbon/Ceramic* |




| TIPO - *TYPE* | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | | | Monofase *Single-phase* | $m^3/h$ | 0,6 | 1,2 | 1,8 | 2,4 | 3 | 3,6 | 4,2 | 4,8 | 5,4 | 6 | Dimensioni *Dimensions* | |
| | | | | lt/1' | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | | |
| 230V-50Hz | HP | kW | 1 x 230V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **MJX 103** | 0,9 | 0,7 | 4 | H (m) | 34 | 32 | 30 | 28 | 24 | 20 | 15 | 10 | | | 1" | 1" |
| **MJX 135** | 1,3 | 1 | 5,8 | | 58 | 56 | 52 | 48 | 44 | 39 | 31 | 23 | 15 | | 1" | 1" |

# COMBI JET

WORTEX

## GRUPPO DI PRESSURIZZAZIONE A FUNZIONAMENTO AUTOMATICO
## *AUTOMATIC WORKING PRESSURE SYSTEM*

75/22

100/25

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 35°C
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 8 mt.
- Pressostato pre-tarato 1,4÷2,8 bar
- Pressostato pre-tarato 1,6÷3,2 bar (100/25)
- Servizio continuo

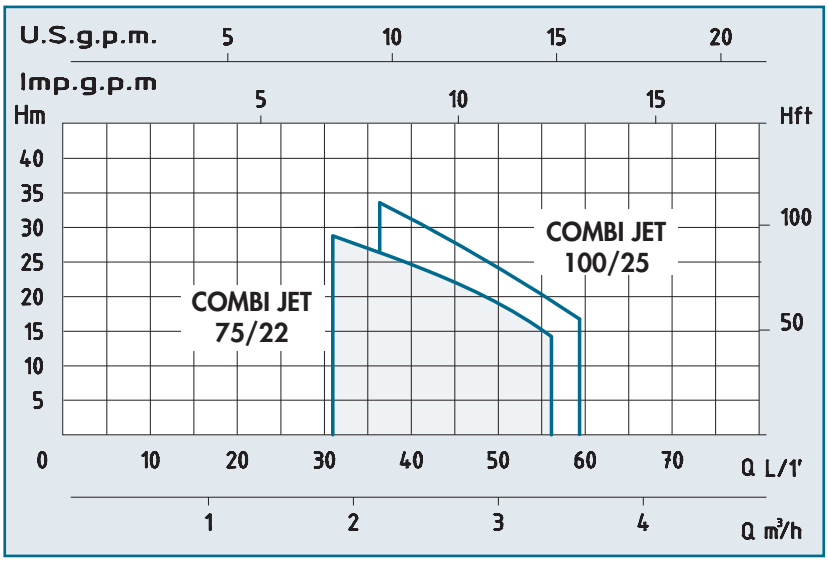
### MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 $min^{-1}$)
- Isolamento Classe F
- Protezione IP 44

### COMPONENTI
- Serbatoio a membrana
- Tubo flessibile raccordato
- Pressostato con cavi pre-tarato
- Manometro
- Raccordo ottone

### *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 8 mt.*
- *Adjusted switch on/off pressure 1,4÷2,8 bar*
- *Adjusted switch on/off pressure 1,6÷3,2 bar (100/25)*
- *Continuous duty*

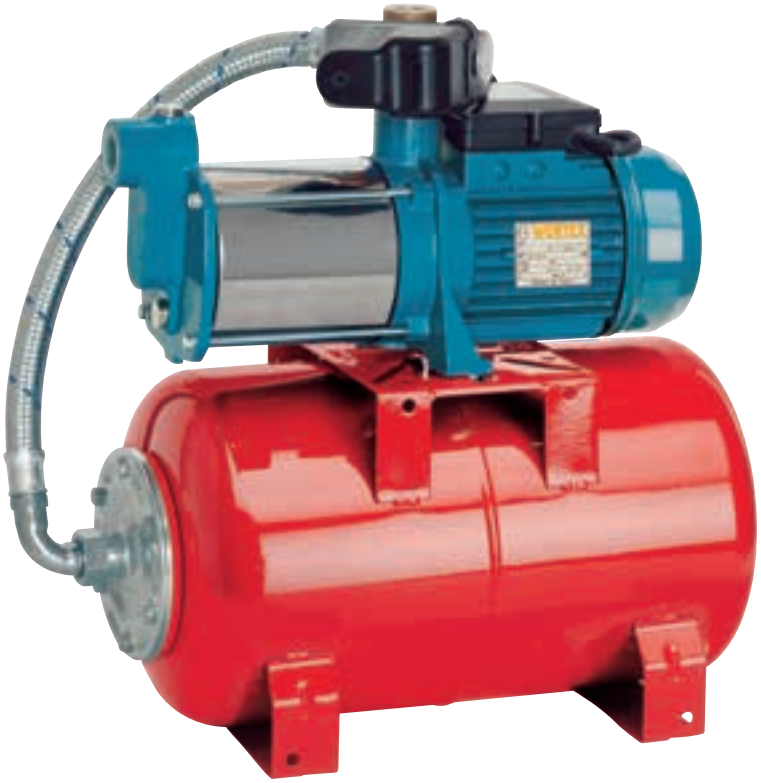
### *MOTOR*
- *Two-Pole induction motor (n = 2850 $min^{-1}$)*
- *Insulation Class F*
- *Protection IP 44*

### *COMPONENTS*
- *Membrane tank*
- *Flexible hose with connection*
- *Pre-set pressure switch with cable*
- *Pressure gauge*
- *Brass connection*




| TIPO - *TYPE* | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | Pressostato pre-tarato | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | | | Monofase *Single-phase* | *Adjusted switch on/off pressure* | $m^3/h$ | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3 | 3,6 | Dimensioni *Dimensions* | |
| | | | | | lt/1' | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 60 | | |
| 230V-50Hz | HP | kW | 1 x 230V | Bar | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **COMBI JET 75/22** | 0,8 | 0,6 | 3,8 | 1,4 ÷ 2,8 | H (m) | 38 | 36 | 34 | 32 | 29 | 27 | 25 | 22 | 19 | | 1" | 1" |
| **COMBI JET 100/25** | 1 | 0,75 | 5 | 1,6 ÷ 3,2 | | 45 | 43 | 40 | 38 | 35 | 33 | 30 | 29 | 26 | 22 | 1" | 1" |

# GRUPPO DI PRESSURIZZAZIONE A FUNZIONAMENTO AUTOMATICO
# *AUTOMATIC WORKING PRESSURE SYSTEM*



## LIMITI D'IMPIEGO
- Temperatura liquido fino a 35°C
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 8 mt.
- Pressostato pre-tarato1,6÷3,2 bar
- Servizio continuo

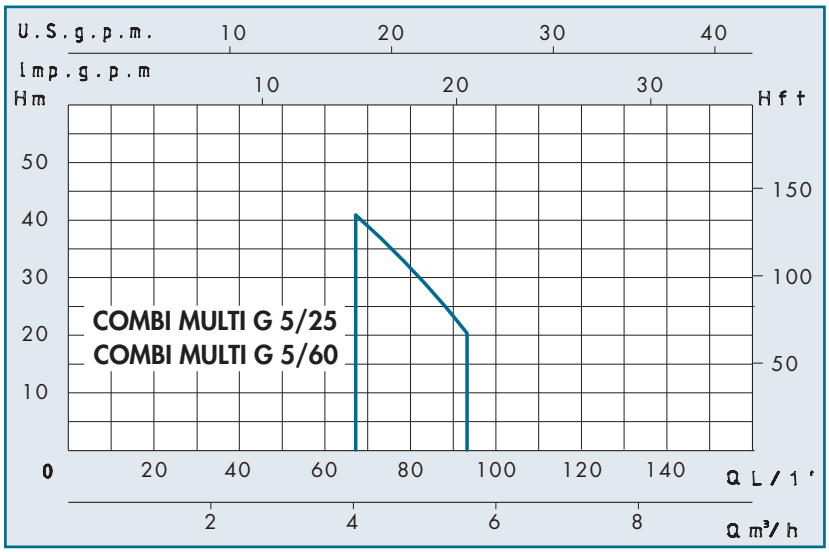
## MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 $min^{-1}$)
- Isolamento Classe F
- Protezione IP 44

## COMPONENTI
- Serbatoio a membrana
- Tubo flessibile raccordato
- Pressostato con cavi pre-tarato
- Manometro
- Raccordo ottone

## *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 8 mt.*
- *Adjusted switch on/off pressure 1,6÷3,2 bar*
- *Continuous duty*

## *MOTOR*
- *Two-Pole induction motor (n = 2850 $min^{-1}$)*
- *Insulation Class F*
- *Protection IP 44*

## *COMPONENTS*
- *Membrane tank*
- *Flexible hose with connection*
- *Pre-set pressure switch with cable*
- *Pressure gauge*
- *Brass connection*




| TIPO - *TYPE* | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | Pressostato pre-tarato *Adjusted switch on/off pressure* | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | | | Monofase *Single-phase* | | $m^3/h$ | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3 | 3,6 | Dimensioni *Dimensions* | |
| | HP | kW | | | lt/1' | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 60 | | |
| 230V-50Hz | | | 1 x 230V | Bar | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **COMBI MULTI G 5/25** | 1,5 | 1,1 | 6,2 | 1,6 ÷ 3,2 | H (m) | 62 | 61 | 60 | 58 | 55 | 54 | 52 | 50 | 45 | 40 | 1" | 1" |
| **COMBI MULTI G 5/60** | 1,5 | 1,1 | 6,2 | 1,6 ÷ 3,2 | | 62 | 61 | 60 | 58 | 55 | 54 | 52 | 50 | 45 | 40 | 1" | 1" |

# COMBI JX

WORTEX

## GRUPPO DI PRESSURIZZAZIONE A FUNZIONAMENTO AUTOMATICO
## *AUTOMATIC WORKING PRESSURE SYSTEM*

80/22

100/25

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 35°C
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 8 mt.
- Pressostato pre-tarato 1,4÷2,8 bar
- Pressostato pre-tarato 1,6÷3,2 bar (100/25)
- Servizio continuo

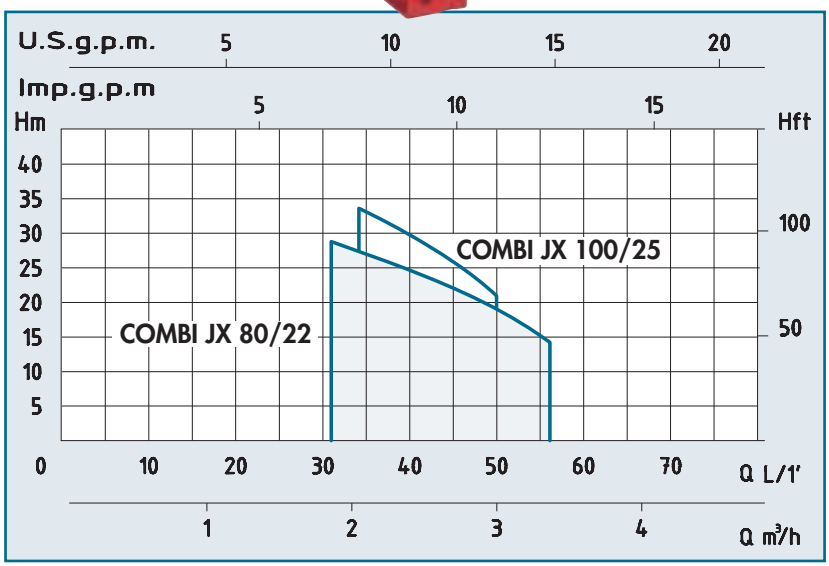
### MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 $min^{-1}$)
- Isolamento Classe F
- Protezione IP 44

### COMPONENTI
- Serbatoio a membrana
- Tubo flessibile raccordato
- Pressostato con cavi pre-tarato
- Manometro
- Raccordo ottone

### *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 8 mt.*
- *Adjusted switch on/off pressure 1,4÷2,8 bar*
- *Adjusted switch on/off pressure 1,6÷3,2 bar (100/25)*
- *Continuous duty*

### *MOTOR*
- *Two-Pole induction motor (n = 2850 $min^{-1}$)*
- *Insulation Class F*
- *Protection IP 44*

### *COMPONENTS*
- *Membrane tank*
- *Flexible hose with connection*
- *Pre-set pressure switch with cable*
- *Pressure gauge*
- *Brass connection*




| TIPO - *TYPE* | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | Pressostato pre-tarato | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | | | Monofase *Single-phase* | *Adjusted switch on/off pressure* | $m^3/h$ | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3 | 3,6 | Dimensioni *Dimensions* | |
| | | | | | lt/1' | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 60 | | |
| 230V-50Hz | HP | kW | 1 x 230V | Bar | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **COMBI JX 80/22** | 0,8 | 0,6 | 3,1 | 1,4 ÷ 2,8 | H (m) | 38 | 32 | 30 | 27 | 25 | 22 | 19 | 17 | 15 | | 1" | 1" |
| **COMBI JX 100/25** | 1 | 0,75 | 5 | 1,6 ÷ 3,2 | | 46 | 43 | 40 | 38 | 35 | 32 | 30 | 29 | 26 | | 1" | 1" |

# WORTEX

# COMBI JX

## GRUPPO DI PRESSURIZZAZIONE A FUNZIONAMENTO AUTOMATICO
## *AUTOMATIC WORKING PRESSURE SYSTEM*

130/25

130/25-X

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 35°C
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 8 mt.
- Pressostato pre-tarato 1,6÷3,2 bar
- Servizio continuo

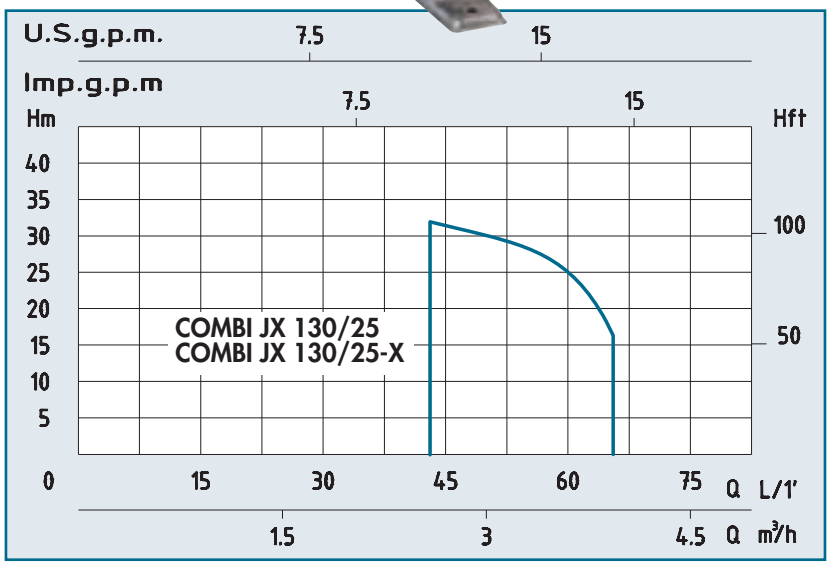
### MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 $min^{-1}$)
- Isolamento Classe F
- Protezione IP 44

### COMPONENTI
- Serbatoio a membrana
- Tubo flessibile raccordato
- Pressostato con cavi pre-tarato
- Manometro
- Raccordo ottone

### *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 8 mt.*
- *Adjusted switch on/off pressure 1,6÷3,2 bar*
- *Continuous duty*

### *MOTOR*
- *Two-Pole induction motor (n = 2850 $min^{-1}$)*
- *Insulation Class F*
- *Protection IP 44*

### *COMPONENTS*
- *Membrane tank*
- *Flexible hose with connection*
- *Pre-set pressure switch with cable*
- *Pressure gauge*
- *Brass connection*




| TIPO - *TYPE* | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | Pressostato pre-tarato | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | | | Monofase *Single-phase* | *Adjusted switch on/off pressure* | $m^3/h$ | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3 | 3,6 | Dimensioni *Dimensions* | |
| | | | | | lt/1' | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 60 | | |
| 230V-50Hz | HP | kW | 1 x 230V | Bar | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **COMBI JX 130/25** | 1,3 | 1 | 5,8 | 1,6 ÷ 3,2 | H (m) | 47 | 45 | 44 | 41 | 39 | 37 | 35 | 33 | 32 | 28 | 1" | 1" |
| **COMBI JX 130/25-X** | 1,3 | 1 | 5,8 | 1,6 ÷ 3,2 | | 47 | 45 | 44 | 41 | 39 | 37 | 35 | 33 | 32 | 28 | 1" | 1" |

# MULTI - G

WORTEX

## ELETTROPOMPE CENTRIFUGHE MULTIGIRANTI
## *CENTRIFUGAL MULTI- IMPELLER PUMPS*

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 35°C
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

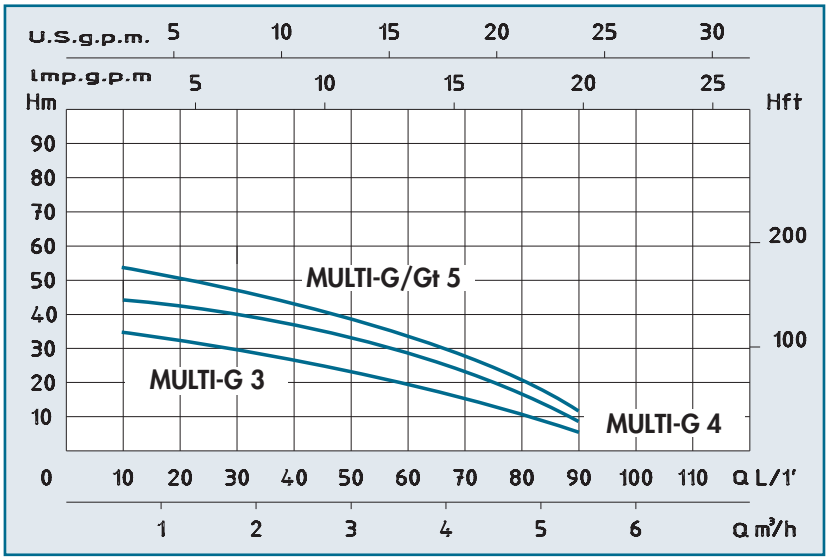
### MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 min-1)
- Isolamento Classe F
- Protezione IP 44

### MATERIALI
| | |
|---|---|
| - Corpo pompa | Ghisa |
| - Supporto motore | Ghisa |
| - Girante | Noryl |
| - Diffusori | Noryl |
| - Camicia pompa | Acciaio Inox |
| - Albero motore | Acciaio Inox |
| - Tenute meccaniche | Ceramica/Grafite |

### *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 7 mt.*
- *Continuous duty*

### *MOTOR*
- *Two-Pole induction motor (n = 2850 min-1)*
- *Insulation Class F*
- *Protection IP 44*

### *MATERIALS*
| | |
|---|---|
| - *Pump body* | *Cast Iron* |
| - *Motor support* | *Cast Iron* |
| - *Impeller* | *Noryl* |
| - *Diffusers* | *Noryl* |
| - *Pump casing* | *Stainless Steel* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Mechanical seal* | *Ceramic/Graphite* |




| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | $m^3/h$ | 0,6 | 1,2 | 1,8 | 2,7 | 3,6 | 4,5 | 5,4 | 7,2 | 8,4 | 9,6 | Dimensioni *Dimensions* | |
| | | | | | | lt/1' | 10 | 20 | 30 | 45 | 60 | 75 | 90 | 120 | 140 | 160 | | |
| 230V-50Hz | 230/400V-50Hz | HP | kW | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **MULTI-G3** | | 0,8 | 0,6 | 3,5 | | H (m) | 33 | 31,5 | 29,5 | 25 | 20 | 13 | 5 | | | | 1" | 1" |
| **MULTI-G4** | | 1 | 0,7 | 4,8 | | | 44 | 42,5 | 40 | 34 | 27 | 18 | 9 | | | | 1" | 1" |
| **MULTI-G5** | **MULTI-Gt5** | 1,5 | 1,1 | 6,2 | 3 | | 53 | 51 | 48 | 38 | 32 | 19 | 11 | | | | 1" | 1" |

# ELETTROPOMPE CENTRIFUGHE MULTIGIRANTI
## *CENTRIFUGAL MULTI- IMPELLER PUMPS*

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 35°C
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

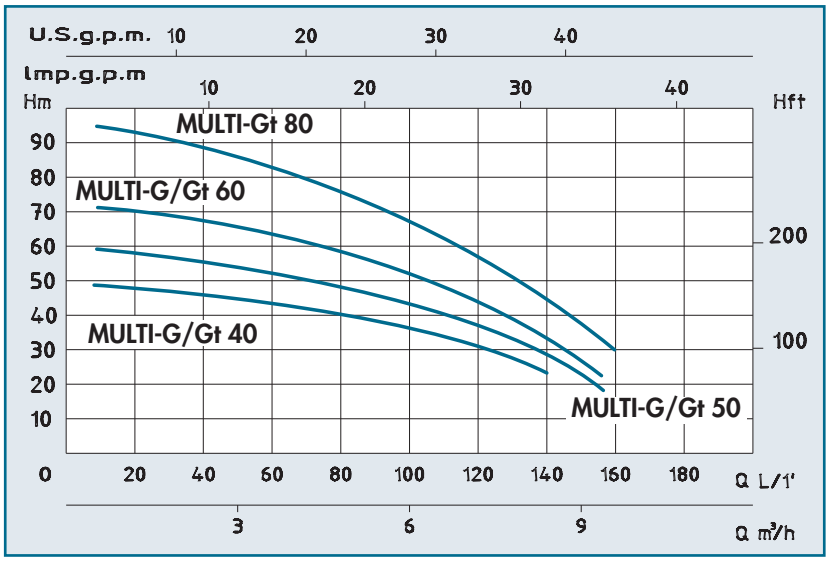
### MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 min-1)
- Isolamento Classe F
- Protezione IP 55

### MATERIALI
| | |
|---|---|
| - Corpo pompa | Ghisa |
| - Supporto motore | Ghisa |
| - Girante | Noryl |
| - Diffusori | Noryl |
| - Camicia pompa | Acciaio Inox |
| - Albero motore | Acciaio Inox |
| - Tenute meccaniche | Silicio/Silicio |

### *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 7 mt.*
- *Continuous duty*

### *MOTOR*
- *Two-Pole induction motor (n = 2850 min-1)*
- *Insulation Class F*
- *Protection IP 55*

### *MATERIALS*
| | |
|---|---|
| - *Pump body* | *Cast Iron* |
| - *Motor support* | *Cast Iron* |
| - *Impeller* | *Noryl* |
| - *Diffusers* | *Noryl* |
| - *Pump casing* | *Stainless Steel* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Mechanical seal* | *Silicon/Silicon* |




| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | $m^3/h$ | 0,6 | 1,2 | 1,8 | 2,7 | 3,6 | 4,5 | 5,4 | 7,2 | 8,4 | 9,6 | Dimensioni *Dimensions* | |
| | | | | | | lt/1' | 10 | 20 | 30 | 45 | 60 | 75 | 90 | 120 | 140 | 160 | | |
| 230V-50Hz | 230/400V-50Hz | HP | kW | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **MULTI-G40** | **MULTI-Gt40** | 2 | 1,5 | 9,3 | 4,2 | H (m) | 49 | 48 | 47 | 44 | 43 | 40 | 37 | 30 | 23 | 15 | 1"1/4 | 1" |
| **MULTI-G50** | **MULTI-Gt50** | 2,5 | 1,9 | 10 | 4,6 | | 59 | 57 | 56 | 55 | 52 | 48 | 44 | 34 | 25 | 18 | 1"1/4 | 1" |
| **MULTI-G60** | **MULTI-Gt60** | 3 | 2,2 | 12 | 5,3 | | 71 | 68 | 67 | 65 | 64 | 58 | 53 | 41 | 32 | 22 | 1"1/4 | 1" |
| | **MULTI-Gt80** | 4 | 3 | | 6,6 | | 95 | 92 | 90 | 88 | 83 | 78 | 73 | 58 | 46 | 30 | 1"1/4 | 1" |

# MULTI - GA

WORTEX

## ELETTROPOMPE AUTOADESCANTI CENTRIFUGHE MULTIGIRANTI
## *SELF PRIMING CENTRIFUGAL MULTI- IMPELLER PUMPS*

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 35°C
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

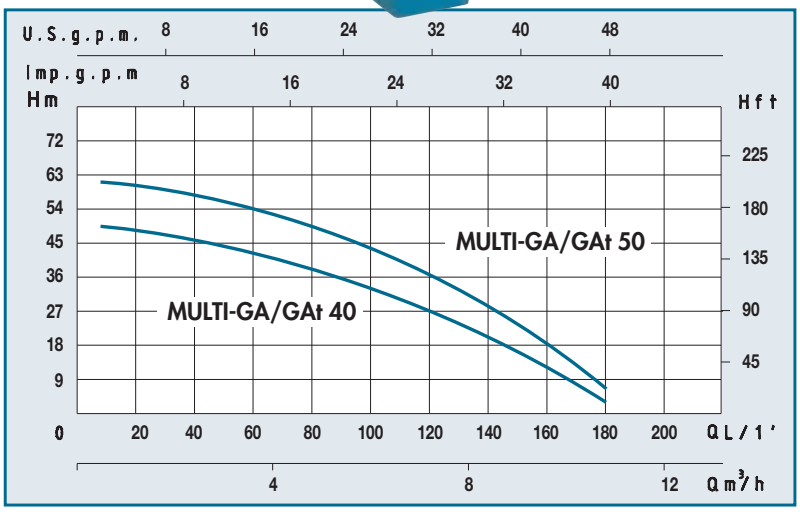
### MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 min-1)
- Isolamento Classe F
- Protezione IP 44

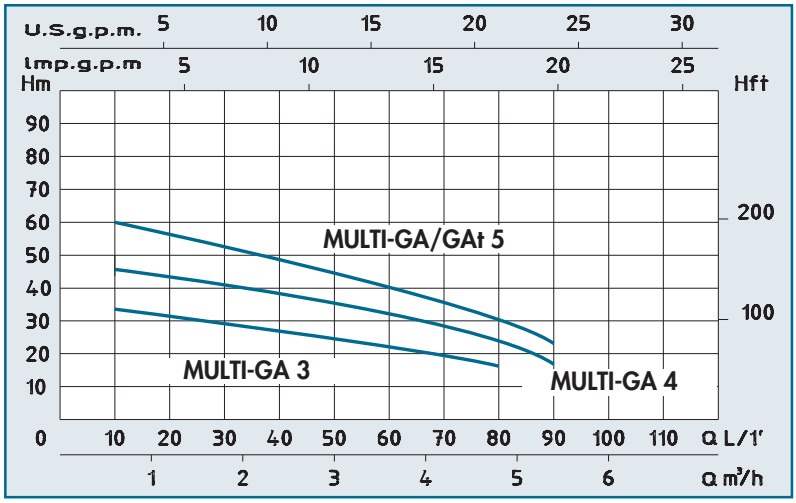
### MATERIALI
| | |
|---|---|
| - Corpo pompa | Ghisa |
| - Supporto motore | Ghisa |
| - Girante | Noryl |
| - Diffusori | Noryl |
| - Camicia pompa | Acciaio Inox |
| - Albero motore | Acciaio Inox |
| - Tenute meccaniche | Ceramica/Grafite |

### *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 7 mt.*
- *Continuous duty*

### *MOTOR*
- *Two-Pole induction motor (n = 2850 min-1)*
- *Insulation Class F*
- *Protection IP 44*

### *MATERIALS*
| | |
|---|---|
| - *Pump body* | *Cast Iron* |
| - *Motor support* | *Cast Iron* |
| - *Impeller* | *Noryl* |
| - *Diffusers* | *Noryl* |
| - *Pump casing* | *Stainless Steel* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Mechanical seal* | *Ceramic/Graphite* |




| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | m³/h | 0,6 | 1,2 | 1,8 | 2,7 | 3,6 | 4,5 | 5,4 | 7,2 | 8,4 | 9,6 | Dimensioni *Dimensions* | |
| | | | | | | lt/1' | 10 | 20 | 30 | 45 | 60 | 75 | 90 | 120 | 140 | 160 | | |
| 230V-50Hz | 230/400V-50Hz | HP | kW | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **MULTI-GA3** | | 0,8 | 0,6 | 3,6 | | H (m) | 34 | 33 | 31 | 28 | 23 | 18 | 13 | | | | 1" | 1" |
| **MULTI-GA4** | | 1 | 0,7 | 5 | | | 45 | 44 | 43 | 38 | 33 | 25 | 18 | | | | 1" | 1" |
| **MULTI-GA5** | **MULTI-GAt5** | 1,5 | 1,1 | 6,2 | 3 | | 60 | 56 | 53 | 47 | 40 | 33 | 24 | | | | 1" | 1" |
| **MULTI-GA40** | **MULTI-GAt40** | 2 | 1,5 | 9,3 | 4,2 | | 49 | 48 | 47 | 46 | 43 | 40 | 37 | 28 | 23 | 15 | 1"1/4 | 1" |
| **MULTI-GA50** | **MULTI-GAt50** | 2,5 | 1,9 | 11,5 | 4,8 | | 61 | 60 | 58 | 57 | 53 | 48 | 45 | 35 | 26 | 18 | 1"1/4 | 1" |

# ELETTROPOMPE MULTISTADIO AD ASSE VERTICALE
## *MULTISTAGE VERTICAL ELECTRIC PUMPS*

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 35°C
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

### *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 7 mt.*
- *Continuous duty*

### MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 min-1)
- Isolamento Classe F
- Protezione IP 55

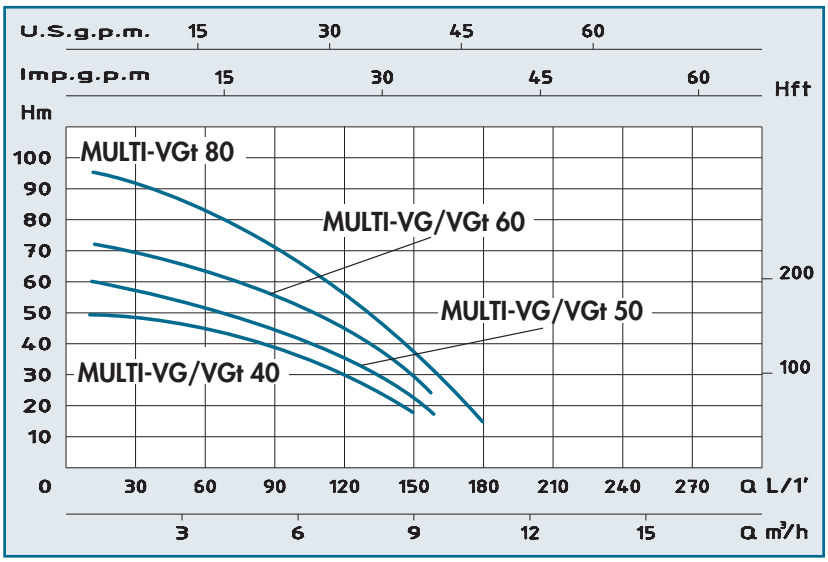
### *MOTOR*
- *Two-Pole induction motor (n = 2850 min-1)*
- *Insulation Class F*
- *Protection IP 55*

### MATERIALI

| | |
|---|---|
| - Corpo pompa | Ghisa |
| - Supporto motore | Ghisa |
| - Girante | Noryl |
| - Diffusore | Noryl |
| - Camicia pompa | Acciaio Inox |
| - Albero motore | Acciaio Inox |
| - Tenute meccaniche | Silicio/Silicio |

### *MATERIALS*

| | |
|---|---|
| - *Pump body* | *Cast Iron* |
| - *Motor Support* | *Cast Iron* |
| - *Impeller* | *Noryl* |
| - *Diffuser* | *Noryl* |
| - *Pump casing* | *Stainless Steel* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Mechanical seal* | *Silicon/Silicon* |




| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | $m^3/h$ | 0 | 1,2 | 2,4 | 3,6 | 4,8 | 6 | 7,2 | 8,4 | 9,6 | 10,8 | Dimensioni *Dimensions* | |
| | | | | | | lt/1' | 0 | 20 | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 180 | | |
| 230V-50Hz | 230/400V-50Hz | HP | kW | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **MULTI-VG 40** | **MULTI-VGt 40** | 2 | 1,5 | 9,3 | 4,2 | H (m) | 50 | 48 | 45 | 43 | 39 | 35 | 30 | 23 | 15 | | 1"1/4 | 1" |
| **MULTI-VG 50** | **MULTI-VGt 50** | 2,5 | 1,85 | 10 | 4,6 | | 60 | 57 | 54 | 52 | 47 | 41 | 34 | 25 | 18 | | 1"1/4 | 1" |
| **MULTI-VG 60** | **MULTI-VGt 60** | 3 | 2,2 | 12 | 5,3 | | 73 | 68 | 66 | 64 | 57 | 49 | 41 | 32 | 22 | | 1"1/4 | 1" |
| | **MULTI-VGt 80** | 4 | 3 | | 6,6 | | 97 | 92 | 87 | 83 | 77 | 69 | 58 | 46 | 30 | 15 | 1"1/4 | 1" |

# ELETTROPOMPE AUTOADESCANTI MONOBLOCCO
# *SELFPRIMING MONOBLOCK PUMPS*

## LIMITI D'IMPIEGO
- Temperatura liquido fino a 60° C
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

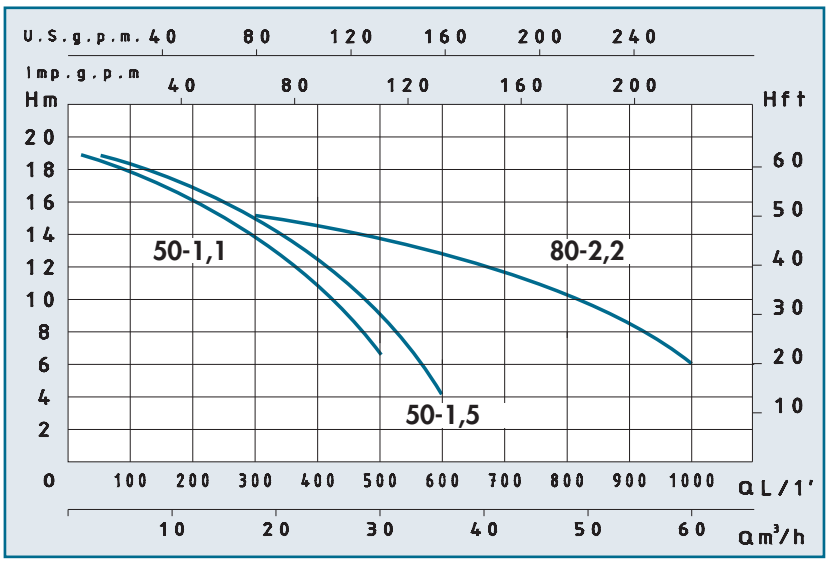
## MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 min-1)
- Isolamento Classe F
- Protezione IP 44

## MATERIALI
| | |
|---|---|
| - Corpo pompa | Ghisa |
| - Supporto motore | Ghisa |
| - Girante | Ghisa |
| - Albero motore | Acciaio Inox |
| - Tenute meccaniche | Ceramica/Carbone |

## *OPERATING CONDITIONS*
- *Max working pressure: 10 bar*
- *Liquid temperature up to 90°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 7 mt.*
- *Continuous duty*

## *MOTOR*
- *Two-Pole induction motor (n = 2850 min-1)*
- *Insulation Class F*
- *Protection IP 44*

## *MATERIALS*
| | |
|---|---|
| - *Pump body* | *Cast Iron* |
| - *Motor Support* | *Cast Iron* |
| - *Impeller* | *Cast Iron* |
| - *Shaft with motor* | *Stainless Steel* |
| - *Mechanical seal* | *Carbon/Ceramic* |




| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | m³/h | 1,5 | 3 | 6 | 12 | 18 | 24 | 30 | 36 | 48 | 60 | Dimensioni *Dimensions* | |
| | | | | | | lt/1' | 25 | 50 | 100 | 200 | 300 | 400 | 500 | 600 | 800 | 1000 | | |
| 230V-50Hz | 230/400V-50Hz | HP | kW | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **DIG 50-1,1** | **DIGt 50-1,1** | 1,5 | 1,1 | 7 | 3 | H (m) | 19 | 18,9 | 18 | 16 | 14 | 11 | 6,5 | | | | 2" | 2" |
| **DIG 50-1,5** | **DIGt 50-1,5** | 2 | 1,5 | 9,3 | 4,2 | | | 19 | 18,5 | 17 | 15 | 12 | 9 | 4 | | | 2" | 2" |
| **DIG 80-2,2** | **DIGt 80-2,2** | 3 | 2,2 | 12 | 5,3 | | | | 17 | 16 | 15 | 14 | 13,5 | 13 | 11 | 6 | 3" | 3" |

# ELETTROPOMPE AUTOADESCANTI MONOBLOCCO
## *SELFPRIMING MONOBLOCK PUMPS*

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 60° C
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

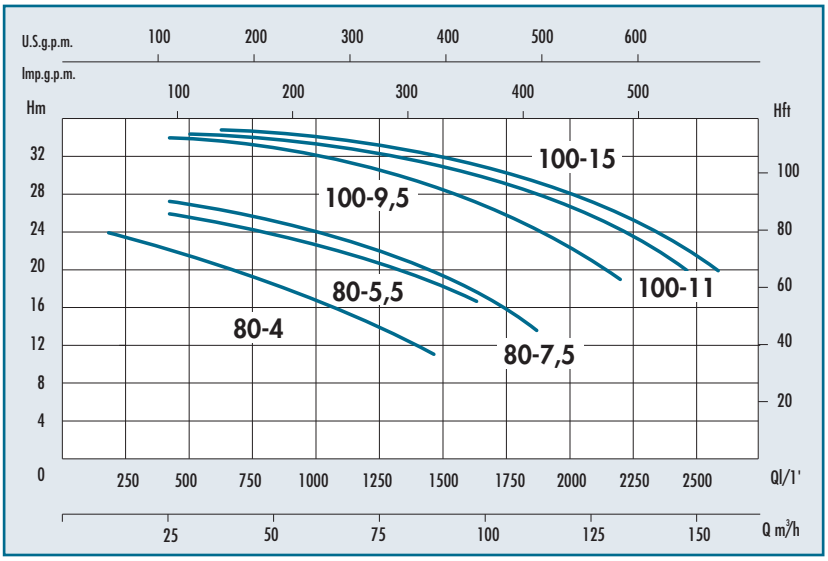
### MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 min-1)
- Isolamento Classe F
- Protezione IP 44

### MATERIALI
| | |
|---|---|
| - Corpo pompa | Ghisa |
| - Supporto motore | Ghisa |
| - Girante | Ghisa |
| - Albero motore | Acciaio Inox |
| - Tenute meccaniche | Ceramica/Carbone |

### *OPERATING CONDITIONS*
- *Max working pressure: 10 bar*
- *Liquid temperature up to 90°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 7 mt.*
- *Continuous duty*

### *MOTOR*
- *Two-Pole induction motor (n = 2850 min-1)*
- *Insulation Class F*
- *Protection IP 44*

### *MATERIALS*
| | |
|---|---|
| - *Pump body* | *Cast Iron* |
| - *Motor Support* | *Cast Iron* |
| - *Impeller* | *Cast Iron* |
| - *Shaft with motor* | *Stainless Steel* |
| - *Mechanical seal* | *Carbon/Ceramic* |




| TIPO - *TYPE* | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Trifase *Three-phase* | | | Trifase *Three-phase* | $m^3/h$ | 12 | 24 | 36 | 60 | 72 | 84 | 96 | 120 | 144 | 156 | Dimensioni *Dimensions* | |
| | | | | lt/1' | 200 | 400 | 600 | 1000 | 1200 | 1400 | 1600 | 2000 | 2400 | 2600 | | |
| 230/400V-50Hz | HP | kW | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **DIGt 80-4** | 5,5 | 4 | 8,8 | H (m) | 24 | 22 | 21 | 17 | 14 | 11 | | | | | 3" | 3" |
| **DIGt 80-5,5** | 7,5 | 5,5 | 14 | | | 26 | 25 | 22,5 | 21 | 19 | 16,5 | | | | 3" | 3" |
| **DIGt 80-7,5** | 10 | 7,5 | 15 | | | 27 | 26 | 23,5 | 22 | 20 | 17,5 | | | | 3" | 3" |
| **DIGt 100-9,5** | 12,5 | 9,2 | 22,5 | | | 33,5 | 32,5 | 21,5 | 31 | 29 | 27 | 22 | | | 4" | 4" |
| **DIGt 100-11** | 15 | 11 | 26 | | | | 33 | 32 | 31,5 | 30,5 | 29 | 25 | 20 | | 4" | 4" |
| **DIGt 100-15** | 20 | 15 | 29 | | | | 34 | 33 | 32,5 | 31,5 | 30 | 27 | 22,5 | 20 | 4" | 4" |

# ELETTROPOMPE AUTOADESCANTI IN ACCIAIO BISENSO
## *SELFPRIMING STAINLESS STEEL TWO WAY PUMPS*

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 35°C
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 6 mt.
- Servizio continuo

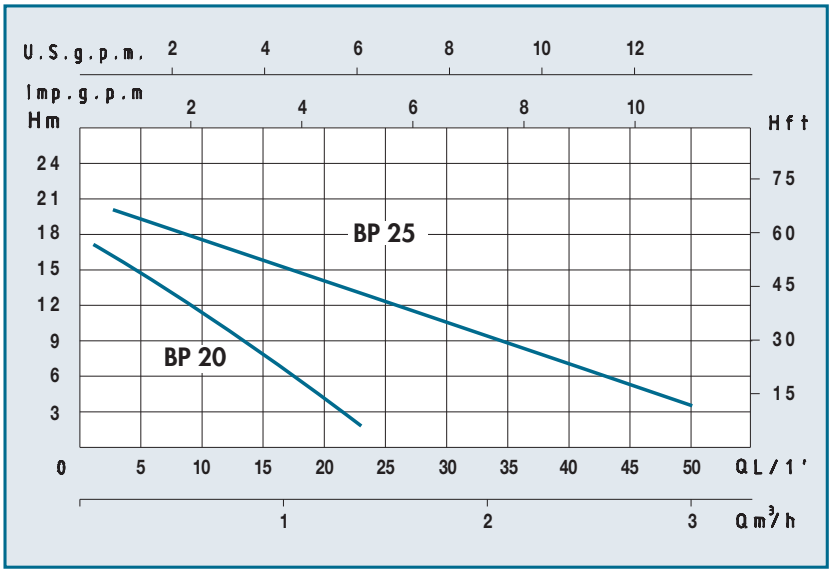
### MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 min-1)
- Isolamento Classe F
- Protezione IP 44

### MATERIALI
| | |
|---|---|
| - Corpo pompa | Acciaio Inox |
| - Supporto motore | Ghisa |
| - Girante | Bronzo |
| - Albero motore | Acciaio Inox |
| - Doppio anello di tenuta | |

### *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 6 mt.*
- *Continuous duty*

### *MOTOR*
- *Two-Pole induction motor (n = 2850 min-1)*
- *Insulation Class F*
- *Protection IP 44*

### *MATERIALS*
| | |
|---|---|
| - *Pump body* | *Stainless steel* |
| - *Motor support* | *Cast Iron* |
| - *Impeller* | *Bronze* |
| - *Shaft with rotor* | *Stainless steel* |
| - *Double oil seal* | |




| TIPO - *TYPE* | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | | | Monofase *Single-phase* | $m^3/h$ | 0,3 | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 3 | 3,3 | Dimensioni *Dimensions* | |
| | | | | lt/1' | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 50 | 55 | | |
| 230V-50Hz | HP | kW | 1 x 230V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNA | DNM |
| **BP 20** | 0,5 | 0,37 | 2,3 | H (m) | 14 | 10 | 8 | 4 | 1 | | | | | | Ø 20 | Ø 20 |
| **BP 25** | 1 | 0,75 | 4,8 | | 19 | 17 | 15 | 13 | 11 | 10 | 8 | 6 | 4 | 1 | Ø 25 | Ø 25 |

# ELETTROPOMPE SOMMERSE PER DRENAGGIO
# *SUBMERSIBLE DRAINAGE PUMPS*

## LIMITI D'IMPIEGO
- Temperatura liquido fino a 35° C
- Profondità d'immersione 5 mt.
- Passaggio solidi - JD 200 Ø 5 mm
- Passaggio solidi - JD 300 Ø 5 mm
- Passaggio solidi - JD 750 Ø 5 mm
- Livello min. d'asp. - JD 200 Ø 20 mm
- Livello min. d'asp. - JD 300 Ø 30 mm
- Livello min. d'asp. - JD 750 Ø 30 mm

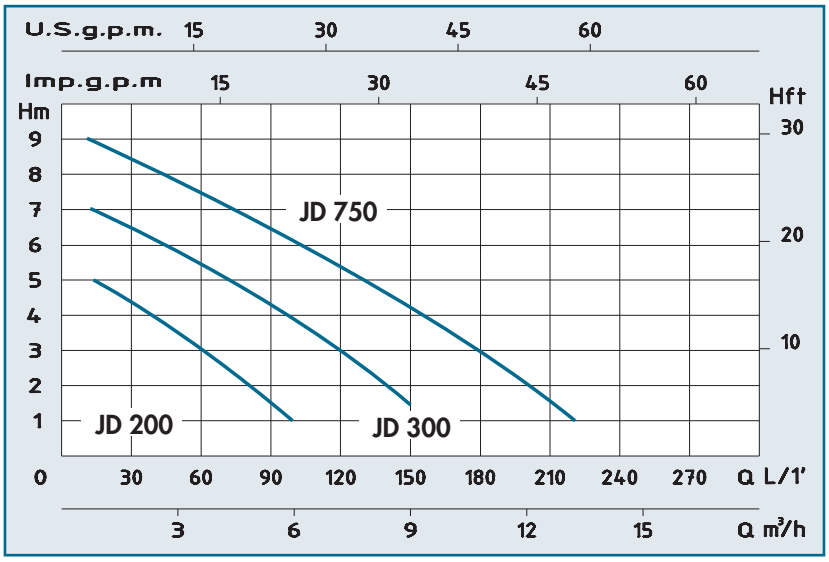
## MOTORE
- Protezione amperometrica a riarmo automatico incorporata
- Condensatore permanente inserito
- Isolamento Classe F
- Protezione IP 68

## MATERIALI
- Maniglia — Polipropilene
- Corpo pompa — Polipropilene
- Girante — Noryl
- Cassa motore — Acciaio Inox
- Albero motore — Acciaio Inox
- Tenuta meccanica
- Cavo — 10 mt

## *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Submersion depth 5 mt.*
- *Grain size inlet - JD 200 Ø 5 mm*
- *Grain size inlet - JD 300 Ø 5 mm*
- *Grain size inlet - JD 300 Ø 5 mm*
- *Min. suction level - JD 300 Ø 20 mm*
- *Min. suction level - JD 300 Ø 30 mm*
- *Min. suction level - JD 300 Ø 30 mm*

## *MOTOR*
- *Built-in overload motor protector with automatic reset*
- *Permanent split capacitor*
- *Insulation Class F*
- *Protection IP 68*

## *MATERIALS*
- *Handle* — *Moplen*
- *Pump body* — *Moplen*
- *Impeller* — *Noryl*
- *Motor casing* — *Stainless Steel*
- *Shaft with rotor* — *Stainless Steel*
- *Mechanical seal*
- *Cable* — *10 m*




| TIPO - *TYPE* | POTENZA ASSORBITA *INPUT POWER* P1 | AMPERE | Q = PORTATA - *CAPACITY* | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Con galleggiante *With float switch* | | Monofase *Single-phase* | $m^3/h$ | 0 | 1,5 | 3 | 4,5 | 6 | 7,8 | 9 | 10,8 | 12 | 13,8 | Dimensioni *Dimensions* |
| | | | lt/1' | 0 | 25 | 50 | 75 | 100 | 130 | 150 | 180 | 200 | 230 | |
| 230V-50Hz | Watt | 1 x 230V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNM |
| **JD 200** | 200 W | 0,9 | H (m) | 5,5 | 4,4 | 3,2 | 2,2 | 1 | | | | | | 1" |
| **JD 300** | 300 W | 1,3 | | 7 | 6,4 | 5,6 | 4,9 | 4 | 2,8 | 1,5 | | | | 1"1/2 |
| **JD 750** | 750 W | 3,5 | | 9 | 8,5 | 7,8 | 7 | 5,6 | 5 | 4,2 | 3 | 1,9 | 1 | 1"1/2 |

# ELETTROPOMPE SOMMERSE PER ACQUE CARICHE
# *SUBMERSIBLE PUMPS FOR DIRTY WATER*

## LIMITI D'IMPIEGO
- Temperatura liquido fino a 35° C
- Profondità d'immersione 5 mt.
- Passaggio solidi - JV 400 Ø 35 mm
- Passaggio solidi - JV 750 Ø 35 mm
- Passaggio solidi - JV 1000 Ø 35 mm
- Livello min. d'asp. - JV 400 Ø 50 mm
- Livello min. d'asp. - JV 750 Ø 50 mm
- Livello min. d'asp. - JV 1000 Ø 50 mm

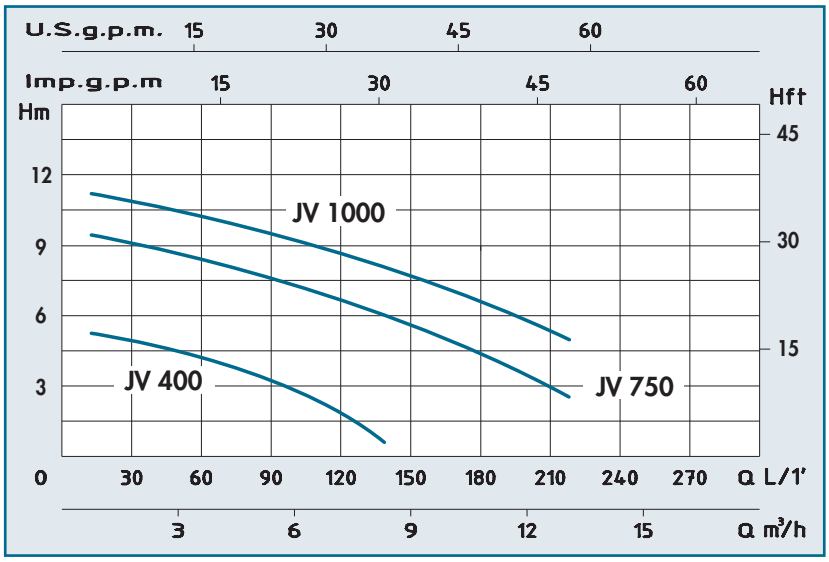
## MOTORE
- Protezione amperometrica a riarmo automatico incorporata
- Condensatore permanente inserito
- Isolamento Classe F
- Protezione IP 68

## MATERIALI
- Maniglia — Polipropilene
- Corpo pompa — Polipropilene
- Girante — Noryl
- Cassa motore — Acciaio Inox
- Albero motore — Acciaio Inox
- Tenuta meccanica
- Cavo — 10 mt

## *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Submersion depth 5 mt.*
- *Grain size inlet - JV 400 Ø 35 mm*
- *Grain size inlet - JV 750 Ø 35 mm*
- *Grain size inlet - JV 1000 Ø 35 mm*
- *Min. suction level - JV 400 Ø 50 mm*
- *Min. suction level - JV 750 Ø 50 mm*
- *Min. suction level - JV 1000 Ø 50 mm*

## *MOTOR*
- *Built-in overload motor protector with automatic reset*
- *Permanent split capacitor*
- *Insulation Class F*
- *Protection IP 68*

## *MATERIALS*
- *Handle* — *Moplen*
- *Pump body* — *Moplen*
- *Impeller* — *Noryl*
- *Motor casing* — *Stainless Steel*
- *Shaft with rotor* — *Stainless Steel*
- *Mechanical seal*
- *Cable* — *10 m*




| TIPO - *TYPE* | POTENZA ASSORBITA *INPUT POWER* P1 | AMPERE | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Con galleggiante *With float switch* | | Monofase *Single-phase* | m³/h | 0 | 1,5 | 3 | 4,5 | 6 | 7,8 | 9 | 10,8 | 12 | 13,8 | Dimensioni *Dimensions* |
| | | | lt/1' | 0 | 25 | 50 | 75 | 100 | 130 | 150 | 180 | 200 | 230 | |
| 230V-50Hz | Watt | 1 x 230V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNM |
| **JV 400** | 400 W | 2,0 | H (m) | 5 | 4,5 | 4 | 3,5 | 2,5 | 1 | | | | | 1"1/2 |
| **JV 750** | 750 W | 3,5 | | 9,2 | 8,8 | 8,2 | 8 | 7 | 6,5 | 6 | 4 | 3 | 2 | 1"1/2 |
| **JV 1000** | 1000 W | 4,8 | | 11 | 11,2 | 10 | 9 | 8 | 7,5 | 7 | 6 | 5 | 4 | 1"1/2 |

# ELETTROPOMPE SOMMERSE INOX PER DRENAGGIO
# *STAINLESS STEEL SUBMERSIBLE DRAINAGE PUMPS*

350

600

## LIMITI D'IMPIEGO
- Temperatura liquido fino a 35° C
- Profondità d'immersione 5 mt.
- Passaggio solidi - JDX 350 Ø 2 mm
- Passaggio solidi - JDX 600 Ø 3 mm
- Livello min. d'asp. - JDX 350 Ø 2 mm
- Livello min. d'asp. - JDX 600 Ø 30 mm

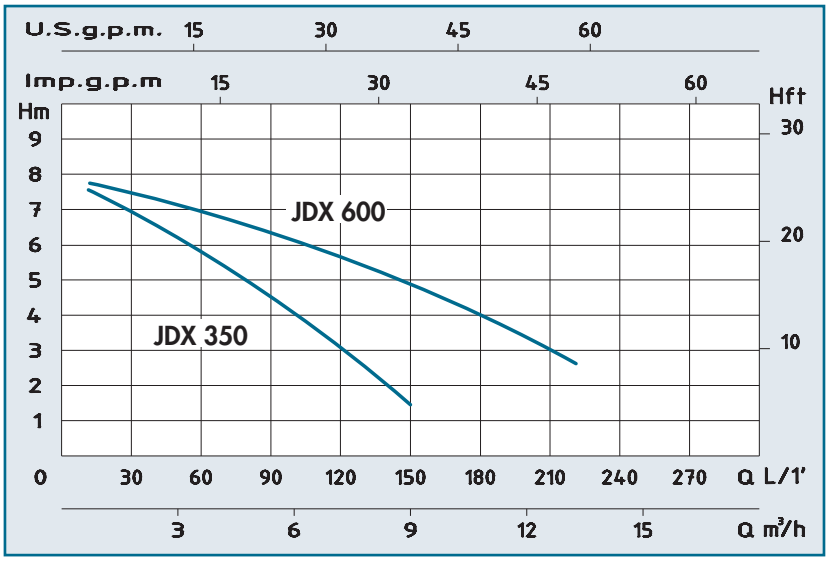
## MOTORE
- Protezione amperometrica a riarmo automatico incorporata
- Condensatore permanente inserito
- Isolamento Classe F
- Protezione IP 68

## MATERIALI
- Maniglia — Polipropilene
- Corpo pompa — Acciaio Inox
- Girante — Noryl
- Cassa motore — Acciaio Inox
- Albero motore — Acciaio Inox
- Tenuta meccanica
- Cavo — 10 mt

## *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Submersion depth 5 mt.*
- *Grain size inlet - JDX 350 Ø 2 mm*
- *Grain size inlet - JDX 600 Ø 3 mm*
- *Min. suction level - JDX 350 Ø 2 mm*
- *Min. suction level - JDX 600 Ø 30 mm*

## *MOTOR*
- *Built-in overload motor protector with automatic reset*
- *Permanent split capacitor*
- *Insulation Class F*
- *Protection IP 68*

## *MATERIALS*
- *Handle* — *Moplen*
- *Pump body* — *Stainless Steel*
- *Impeller* — *Noryl*
- *Motor casing* — *Stainless Steel*
- *Shaft with rotor* — *Stainless Steel*
- *Mechanical seal*
- *Cable* — *10 m*




| TIPO - *TYPE* | POTENZA ASSORBITA | AMPERE | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Con galleggiante *With float switch* | *INPUT POWER* P1 | Monofase *Single-phase* | m³/h | 0 | 1,5 | 3 | 4,5 | 6 | 7,8 | 9 | 10,5 | 12 | 13,5 | Dimensioni *Dimensions* |
| | | | lt/1' | 0 | 25 | 50 | 75 | 100 | 130 | 150 | 175 | 200 | 225 | |
| 230V-50Hz | Watt | 1 x 230V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNM |
| **JDX 350** | 350 W | 1,4 | H (m) | 7,5 | 7 | 6 | 5,2 | 4 | 2,8 | 1,5 | | | | 1"1/4 |
| **JDX 600** | 600 W | 2,8 | | 7,7 | 7,4 | 7,1 | 6,5 | 6 | 5,4 | 5 | 4,2 | 3,3 | 2,6 | 1"1/2 |

# ELETTROPOMPE SOMMERSE INOX PER ACQUE CARICHE
## *STAINLESS STEEL SUBMERSIBLE PUMPS FOR DIRTY WATER*

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 35° C
- Profondità d'immersione 5 mt.
- Passaggio solidi Ø 20 mm
- Livello min. d'asp. Ø 30 mm

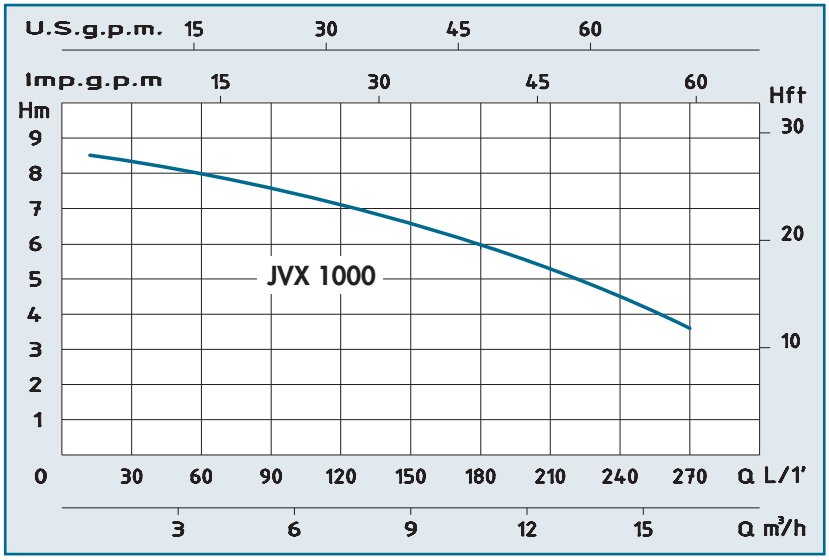
### MOTORE
- Protezione amperometrica a riarmo automatico incorporata
- Condensatore permanente inserito
- Isolamento Classe F
- Protezione IP 68

### MATERIALI
- Maniglia Polipropilene
- Corpo pompa Acciaio Inox
- Girante Noryl
- Cassa motore Acciaio Inox
- Albero motore Acciaio Inox
- Tenuta meccanica
- Cavo 10 mt

### *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Submersion depth 5 mt.*
- *Grain size inlet Ø 20 mm*
- *Min. suction level Ø 30 mm*

### *MOTOR*
- *Built-in overload motor protector with automatic reset*
- *Permanent split capacitor*
- *Insulation Class F*
- *Protection IP 68*

### *MATERIALS*
- *Handle Moplen*
- *Pump body Stainless Steel*
- *Impeller Noryl*
- *Motor casing Stainless Steel*
- *Shaft with rotor Stainless Steel*
- *Mechanical seal*
- *Cable 10 m*




| TIPO - *TYPE* | POTENZA ASSORBITA | AMPERE | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Con galleggiante *With float switch* | *INPUT POWER* P1 | Monofase *Single-phase* | $m^3/h$ | 0 | 1,8 | 3,6 | 5,4 | 7,2 | 9 | 10,8 | 12,6 | 14,4 | 16,2 | Dimensioni *Dimensions* |
| | | | lt/1' | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | |
| 230V-50Hz | Watt | 1 x 230V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNM | |
| **JVX 1000** | 1000 W | 4,8 | H (m) | 8,5 | 8,2 | 8 | 7,5 | 7 | 6,5 | 6 | 5,2 | 4,3 | 3,6 | 1"1/2 | |

# ELETTROPOMPE SOMMERSE INOX PER DRENAGGIO
# *STAINLESS STEEL SUBMERSIBLE DRAINAGE PUMPS*

600

400

## LIMITI D'IMPIEGO
- Temperatura liquido fino a 35° C
- Profondità d'immersione 5 mt.
- Passaggio solidi -DXG 400 Ø 8mm
- Passaggio solidi -DXG 600 Ø 10mm
- Livello min. d'asp. -DXG 400 Ø 15mm
- Livello min. d'asp. -DXG 600 Ø 20mm

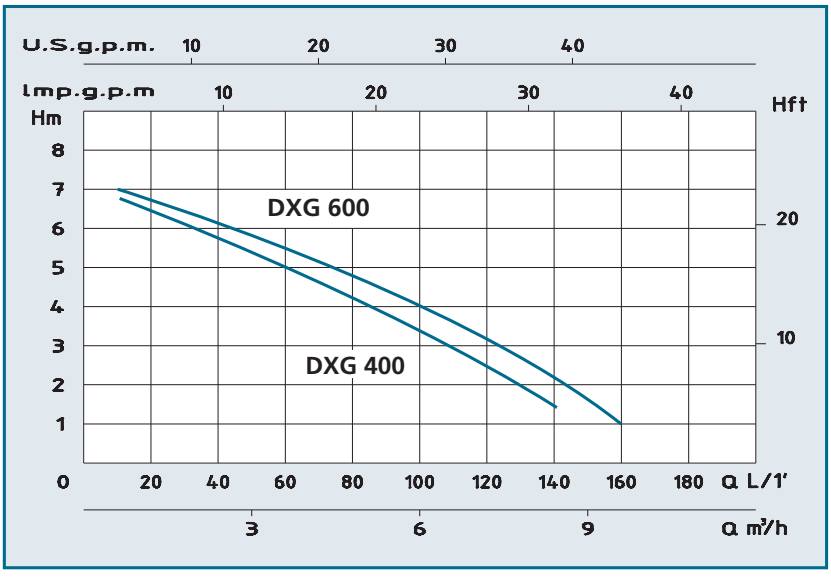
## MOTORE
- Protezione amperometrica a riarmo automatico incorporata
- Condensatore permanente inserito
- Isolamento Classe F
- Protezione IP 68

## MATERIALI
- Corpo pompa Acciaio Inox
- Girante Noryl
- Cassa motore Acciaio Inox
- Albero motore Acciaio Inox
- Doppio anello di tenuta
- Cavo 10 mt

## *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Submersion depth 5 mt.*
- *Grain size inlet -DXG 400 Ø 8mm*
- *Grain size inlet -DXG 600 Ø 10mm*
- *Min. suction level -DXG 400 Ø 15mm*
- *Min. suction level -DXG 600 Ø 20mm*

## *MOTOR*
- *Built-in overload motor protector with automatic reset*
- *Permanent split capacitor*
- *Insulation Class F*
- *Protection IP 68*

## *MATERIALS*
- *Pump body Stainless Steel*
- *Impeller Noryl*
- *Motor casing Stainless Steel*
- *Shaft with rotor Stainless Steel*
- *Double oil seal*
- *Cable 10 m*




| TIPO - *TYPE* | POTENZA ASSORBITA *INPUT POWER* P1 | AMPERE | Q = PORTATA - *CAPACITY* | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Con galleggiante *With float switch* | | Monofase *Single-phase* | $m^3/h$ | 0,6 | 1,2 | 1,8 | 2,4 | 3,6 | 5,4 | 7,2 | 8,4 | 9,6 | 10,8 | Dimensioni *Dimensions* |
| | | | lt/1' | 10 | 20 | 30 | 40 | 60 | 90 | 120 | 140 | 160 | 180 | |
| 230V-50Hz | Watt | 1 x 230V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNM |
| **DXG 400** | 400 W | 2 | H (m) | 6,8 | 6,5 | 6,2 | 5,8 | 5 | 3,4 | 2,2 | 1,5 | | | 1"1/4 |
| **DXG 600** | 550 W | 3 | | 7 | 6,8 | 6,7 | 6,5 | 5,5 | 4,5 | 3 | 2 | 1 | | 1"1/4 |

# ELETTROPOMPE SOMMERSE INOX PER ACQUE CARICHE
# *STAINLESS STEEL SUBMERSIBLE PUMPS FOR DIRTY WATER*

## LIMITI D'IMPIEGO
- Temperatura liquido fino a 35° C
- Profondità d'immersione 5 mt.
- Passaggio solidi Ø 35 mm
- Livello min. d'aspiraz. 65 mm
- Servizio continuo

## MOTORE
- Doppia camera con motore in bagno d'olio per raffreddamento e lubrificazione cuscinetti
- Tenuta meccanica in bagno d'olio
- Condensatore permanente inserito
- Isolamento Classe F
- Protezione IP 68

## MATERIALI

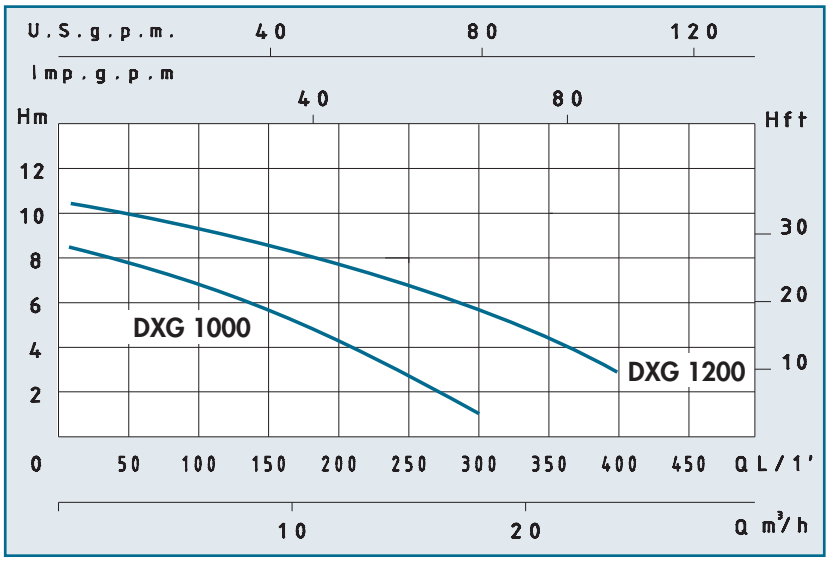
| | |
|---|---|
| - Maniglia | Acciaio Inox |
| - Cassa motore | Acciaio Inox |
| - Corpo pompa | Ghisa |
| - Girante | Acciaio Inox |
| - Griglia aspirazione | Acciaio Inox |
| - Albero motore | Acciaio Inox |
| - Cavo | 10 mt |

## *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Submersion depth 5 mt.*
- *Grain size inlet Ø 35 mm*
- *Min. suction level 65 mm*
- *Continuous duty*

## *MOTOR*
- *Dual chamber with oil bath motor for cooloiling and bearing lubrification*
- *Mechanical seal in oil bath*
- *Permanent split capacitor*
- *Insulation Class F*
- *Protection IP 68*

## *MATERIALS*

| | |
|---|---|
| - *Handle* | *Stainless Steel* |
| - *Motor casing* | *Stainless Steel* |
| - *Pump body* | *Cast Iron* |
| - *Impeller* | *Stainless Steel* |
| - *Suction grid* | *Stainless Steel* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Cable* | *10 m* |




| TIPO - *TYPE* | POTENZA ASSORBITA *INPUT POWER* P1 | AMPERE | Q = PORTATA - *CAPACITY* | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Con galleggiante *With float switch* | | Monofase *Single-phase* | $m^3/h$ | 1,8 | 3,6 | 5,4 | 7,2 | 9 | 12 | 15 | 18 | 21 | 24 | Dimensioni *Dimensions* |
| | | | lt/1' | 30 | 60 | 90 | 120 | 150 | 200 | 250 | 300 | 350 | 400 | |
| 230V-50Hz | Watt | 1 x 230V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNM |
| **DXG 1000** | 1100 W | 5 | H (m) | 7,8 | 7,5 | 7 | 6,2 | 5,8 | 4,2 | 3 | 1 | | | 1"1/2 |
| **DXG 1200** | 1400 W | 6,5 | | 10 | 9,5 | 9,2 | 8,5 | 8 | 7,8 | 6,5 | 5,8 | 4,2 | 3 | 2" |

# ELETTROPOMPE SOMMERSE INOX PER ACQUE CARICHE
# *STAINLESS STEEL SUBMERSIBLE PUMPS FOR DIRTY WATER*

## LIMITI D'IMPIEGO
- Temperatura liquido fino a 35° C
- Profondità d'immersione 5 mt.
- Passaggio solidi Ø 35 mm
- Livello min. d'aspiraz. 65 mm
- Servizio continuo

## MOTORE
- Doppia camera con motore in bagno d'olio per raffreddamento e lubrificazione cuscinetti
- Tenuta meccanica in bagno d'olio
- Condensatore permanente inserito
- Isolamento Classe F
- Protezione IP 68

## MATERIALI

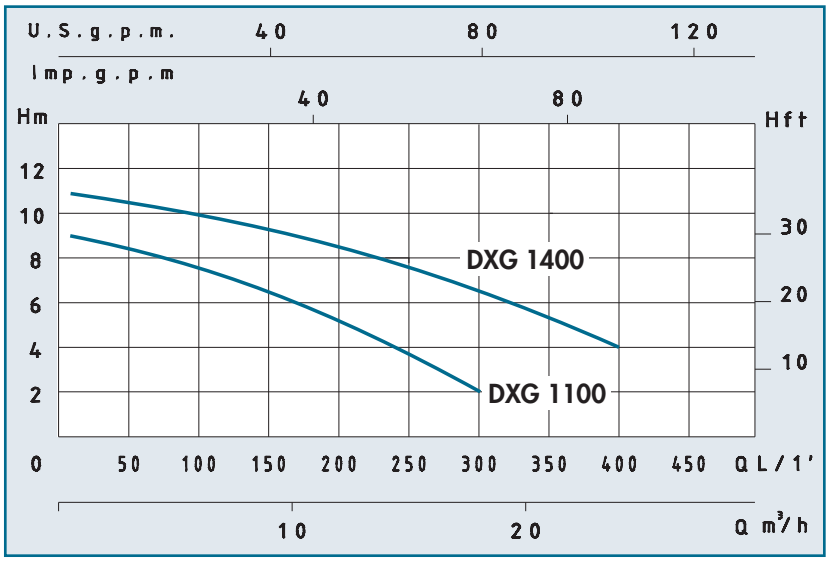
| | |
|---|---|
| - Maniglia | Acciaio Inox |
| - Cassa motore | Acciaio Inox |
| - Corpo pompa | Acciaio Inox |
| - Girante | Acciaio Inox |
| - Griglia aspirazione | Acciaio Inox |
| - Albero motore | Acciaio Inox |
| - Cavo | 10 mt |

## *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Submersion depth 5 mt.*
- *Grain size inlet Ø 35 mm*
- *Min. suction level 65 mm*
- *Continuous duty*

## *MOTOR*
- *Dual chamber with oil bath motor for cooloiling and bearing lubrification*
- *Mechanical seal in oil bath*
- *Permanent split capacitor*
- *Insulation Class F*
- *Protection IP 68*

## *MATERIALS*

| | |
|---|---|
| - *Handle* | *Stainless Steel* |
| - *Motor casing* | *Stainless Steel* |
| - *Pump body* | *Stainless Steel* |
| - *Impeller* | *Stainless Steel* |
| - *Suction grid* | *Stainless Steel* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Cable* | *10 m* |




| TIPO - *TYPE* | POTENZA ASSORBITA *INPUT POWER* P1 | AMPERE | Q = PORTATA - *CAPACITY* | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Con galleggiante *With float switch* | | Monofase *Single-phase* | $m^3/h$ | 1,8 | 3,6 | 5,4 | 7,2 | 9 | 12 | 15 | 18 | 21 | 24 | Dimensioni *Dimensions* |
| | | | lt/1' | 30 | 60 | 90 | 120 | 150 | 200 | 250 | 300 | 350 | 400 | |
| 230V-50Hz | Watt | 1 x 230V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNM |
| **DXG 1100** | 1100 W | 5 | H (m) | 8,2 | 8 | 7,5 | 7 | 6,5 | 5 | 3,9 | 2 | | | 1"1/2 |
| **DXG 1400** | 1400 W | 6,5 | | 10,5 | 10,2 | 10 | 9,2 | 8,8 | 8,5 | 7,8 | 6,2 | 5 | 4 | 2" |

# ELETTROPOMPE SOMMERSE PER DRENAGGIO
## *SUBMERSIBLE ELECTRIC PUMP FOR THE DRAINAGE*

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 35° C
- Profondità d'immersione 20 mt.
- Passaggio solidi Ø 10 mm
- Livello min. d'aspiraz. 100 mm
- Servizio continuo

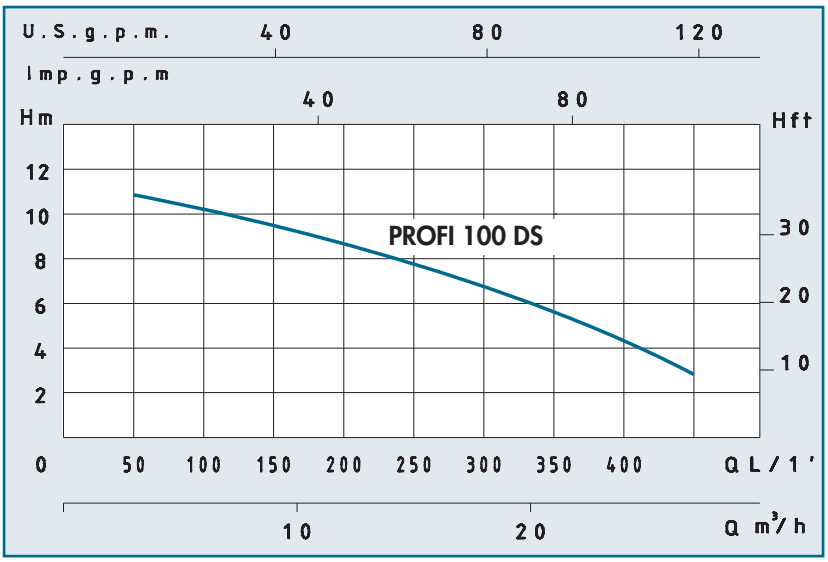
### MOTORE
- Isolamento Classe F
- Protezione IP 68
- Protettore termico (solo monofase)

### MATERIALI
| | |
|---|---|
| - Corpo motore | Ghisa |
| - Corpo pompa | Ghisa |
| - Girante | Ghisa |
| - Albero motore | Acciaio Inox |
| - Griglia | Acciaio Inox |
| - Tenuta meccanica (a richiesta Silicio/Silicio) | Ceramica/Grafite |
| - Cavo | 10 mt |

### *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Submersion depth 20 mt.*
- *Grain size inlet Ø 10 mm*
- *Min. suction level 100 mm*
- *Continuous duty*

### *MOTOR*
- *Insulation Class F*
- *Protection IP 68*
- *Thermic protection (only single-phase)*

### *MATERIALS*
| | |
|---|---|
| - *Motor body* | *Cast Iron* |
| - *Pump body* | *Cast Iron* |
| - *Impeller* | *Cast Iron* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Suction strainer* | *Stainless Steel* |
| - *Mechanical seal (on request Silicon/Silicon)* | *Ceramic/Graphite* |
| - *Cable* | *10 m* |




| TIPO - *TYPE* | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | Q = PORTATA - *CAPACITY* | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | | | Monofase *Single-phase* | $m^3/h$ | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | Dimensioni *Dimensions* |
| | | | | lt/1' | 50 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | |
| | HP | kW | | | | | | | | | | | | | |
| 230V-50Hz | | | 1 x 230V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNM |
| **PROFI 100 DS** | 1 | 0,75 | 4,8 | H (m) | 11 | 10,5 | 10 | 9 | 8 | 7 | 6 | 4,5 | 3 | | 1"1/2 |

# ELETTROPOMPE SOMMERSE CON GIRANTE VORTEX
## *SUBMERSIBLE PUMPS WITH VORTEX IMPELLER*

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 35° C
- Profondità d'immersione 20 mt.
- Passaggio solidi Ø 30 mm
- Livello min. d'aspiraz. 100 mm
- Servizio continuo

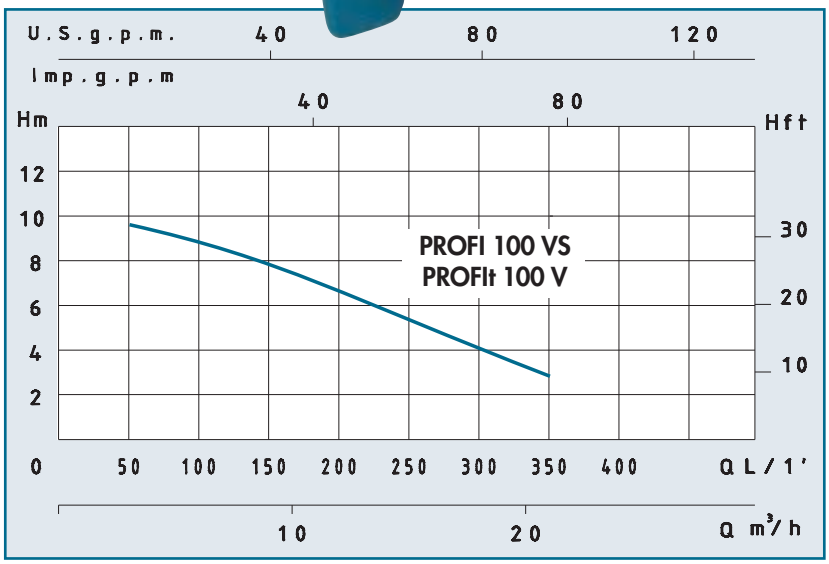
### MOTORE
- Isolamento Classe F
- Protezione IP 68
- Protettore termico (solo monofase)

### MATERIALI
| | |
|---|---|
| - Corpo motore | Ghisa |
| - Corpo pompa | Ghisa |
| - Girante | Ghisa |
| - Albero motore | Acciaio Inox |
| - Tenuta meccanica (a richiesta Silicio/Silicio) | Ceramica/Grafite |
| - Cavo | 10 mt |

### *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Submersion depth 20 mt.*
- *Grain size inlet Ø 30 mm*
- *Min. suction level 100 mm*
- *Continuous duty*

### *MOTOR*
- *Insulation Class F*
- *Protection IP 68*
- *Thermic protection (only single-phase)*

### *MATERIALS*
| | |
|---|---|
| - *Motor body* | *Cast Iron* |
| - *Pump body* | *Cast Iron* |
| - *Impeller* | *Cast Iron* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Mechanical seal (on request Silicon/Silicon)* | *Ceramic/Graphite* |
| - *Cable* | *10 m* |




| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | $m^3/h$ | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | Dimensioni *Dimensions* |
| | | | | | | lt/1' | 50 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | |
| 230V-50Hz | 230/400V-50Hz | HP | kW | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNM |
| **PROFI 100 VS** | **PROFIt 100 V** | 1 | 0,75 | 4,8 | 2,2 | H (m) | 9,5 | 9 | 8 | 6,5 | 5 | 4 | 3 | | | | 2" |

# ELETTROPOMPE SOMMERSE CON GIRANTE VORTEX
## *SUBMERSIBLE PUMPS WITH VORTEX IMPELLER*

**INCLUSO NEI MODELLI MONOFASE**
*INCLUDED IN THE SINGLE-PHASE MODELS*

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 60° C
- Profondità d'immersione 20 mt.
- Passaggio solidi Ø 40 mm
- Livello min. d'aspiraz. 125 mm
- Servizio continuo

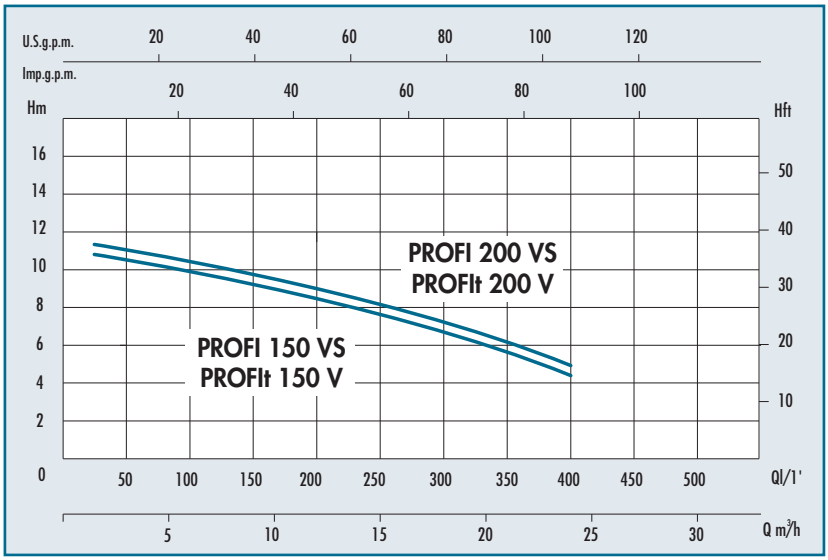
### MOTORE
- Isolamento Classe F
- Protezione IP 68
- Protettore termico (solo monofase)

### MATERIALI
- Corpo motore — Ghisa
- Corpo pompa — Ghisa
- Girante — Ghisa
- Albero motore — Acciaio Inox
- Tenuta meccanica doppia Silicio/Silicio + Ceramica/Grafite
- Cavo — 10 mt

### *OPERATING CONDITIONS*
- *Liquid temperature up to 60°C*
- *Submersion depth 20 mt.*
- *Grain size inlet Ø 40 mm*
- *Min. suction level 125 mm*
- *Continuous duty*

### *MOTOR*
- *Insulation Class F*
- *Protection IP 68*
- *Thermic protection (only single-phase)*

### *MATERIALS*
- *Motor body* — *Cast Iron*
- *Pump body* — *Cast Iron*
- *Impeller* — *Cast Iron*
- *Shaft with rotor* — *Stainless Steel*
- *Double mechanical seal Silicon/Silicon + Ceramic/Graphite*
- *Cable* — *10 m*




| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | $m^3/h$ | 3 | 6 | 9 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | Dimensioni *Dimensions* |
| | | HP | kW | | | lt/1' | 50 | 100 | 150 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | |
| 230V-50Hz | 230/400V-50Hz | | | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNM |
| **PROFI 150 VS** | **PROFIt 150 V** | 1,5 | 1,1 | 7,5 | 3,2 | H (m) | 11 | 10 | 9 | 8 | 6 | 4 | | | | | 2" |
| **PROFI 200 VS** | **PROFIt 200 V** | 2 | 1,5 | 8,5 | 3,5 | | 11,5 | 11 | 10 | 9 | 7 | 5 | | | | | 2" |

# ELETTROPOMPE SOMMERSE CON GIRANTE VORTEX
## *SUBMERSIBLE PUMPS WITH VORTEX IMPELLER*

**INCLUSO NEI MODELLI MONOFASE**
*INCLUDED IN THE SINGLE-PHASE MODELS*

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 60° C
- Profondità d'immersione 20 mt.
- Passaggio solidi Ø 50 mm
- Livello min. d'aspiraz. 140 mm
- Servizio continuo

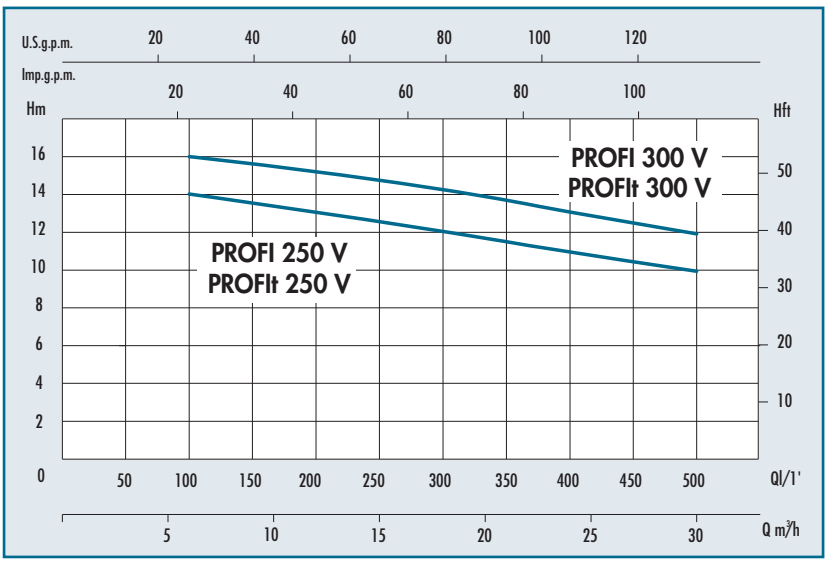
### MOTORE
- Isolamento Classe F
- Protezione IP 68
- Protettore termico (solo monofase)

### MATERIALI
- Corpo motore — Ghisa
- Corpo pompa — Ghisa
- Girante — Ghisa
- Albero motore — Acciaio Inox
- Tenuta meccanica doppia Silicio/Silicio + Ceramica/Grafite
- Cavo — 10 mt

### *OPERATING CONDITIONS*
- *Liquid temperature up to 60°C*
- *Submersion depth 20 mt.*
- *Grain size inlet Ø 50 mm*
- *Min. suction level 140 mm*
- *Continuous duty*

### *MOTOR*
- *Insulation Class F*
- *Protection IP 68*
- *Thermic protection (only single-phase)*

### *MATERIALS*
- *Motor body* — *Cast Iron*
- *Pump body* — *Cast Iron*
- *Impeller* — *Cast Iron*
- *Shaft with rotor* — *Stainless Steel*
- *Double mechanical seal Silicon/Silicon + Ceramic/Graphite*
- *Cable* — *10 m*




| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | m³/h | 3 | 6 | 9 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | Dimensioni *Dimensions* |
| | | | | | | lt/1' | 50 | 100 | 150 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | |
| 230V-50Hz | 230/400V-50Hz | HP | kW | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNM | |
| **PROFI 250 V** | **PROFIt 250 V** | 2,5 | 1,85 | 11 | 4,6 | H (m) | 15 | 14 | 13,5 | 13 | 12 | 11 | 9 | 7 | | | 2"1/2 | |
| **PROFI 300 V** | **PROFIt 300 V** | 3 | 2,2 | 14 | 5,5 | | 17 | 16 | 15,5 | 15 | 14 | 13 | 11 | 9 | | | 2"1/2 | |

# ELETTROPOMPE SOMMERSE CON GIRANTE VORTEX
## *SUBMERSIBLE PUMPS WITH VORTEX IMPELLER*

**ACCESSORIO**
*ACCESSORY*

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 60° C
- Profondità d'immersione 20 mt.
- Passaggio solidi Ø 70 mm
- Livello min. d'aspiraz. 190 mm
- Servizio continuo

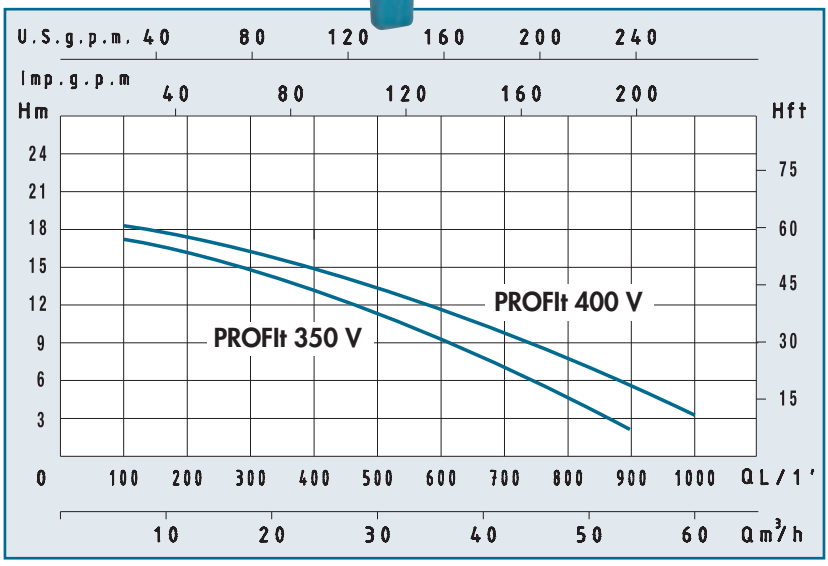
### MOTORE
- Isolamento Classe F
- Protezione IP 68

### MATERIALI
- Corpo motore — Ghisa
- Corpo pompa — Ghisa
- Girante — Ghisa
- Albero motore — Acciaio Inox
- Tenuta meccanica doppia Silicio/Silicio + Ceramica/Grafite
- Cavo — 10 mt

### *OPERATING CONDITIONS*
- *Liquid temperature up to 60°C*
- *Submersion depth 20 mt.*
- *Grain size inlet Ø 70 mm*
- *Min. suction level 190 mm*
- *Continuous duty*

### *MOTOR*
- *Insulation Class F*
- *Protection IP 68*

### *MATERIALS*
- *Motor body* — *Cast Iron*
- *Pump body* — *Cast Iron*
- *Impeller* — *Cast Iron*
- *Shaft with rotor* — *Stainless Steel*
- *Double mechanical seal Silicon/Silicon + Ceramic/Graphite*
- *Cable* — *10 m*




| TIPO - *TYPE* | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | Q = PORTATA - *CAPACITY* | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Trifase *Three-phase* | | | Trifase *Three-phase* | $m^3/h$ | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | Dimensioni *Dimensions* |
| | | | | lt/1' | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | |
| 230/400V-50Hz | HP | kW | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNM |
| **PROFIt 350 V** | 3,5 | 2,5 | 6 | H (m) | 17 | 16 | 15 | 13 | 11 | 9 | 7 | 5 | 2 | | 3" |
| **PROFIt 400 V** | 4 | 3 | 8,3 | | 18 | 17 | 16 | 14 | 13 | 11 | 9 | 7 | 4 | 3 | 3" |

# ELETTROPOMPE SOMMERSE ACQUE LURIDE
## *SUBMERSIBLE SEWAGE PUMPS*

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 40°C
- Profondità d'immersione max. 20 mt.
- PH liquido da 4 a 10
- Servizio continuo a pompa completamente sommersa
- Densità liquido 1,2 Kg/dm3

### MOTORE
- Isolamento Classe F
- Protezione IP 68

### MATERIALI

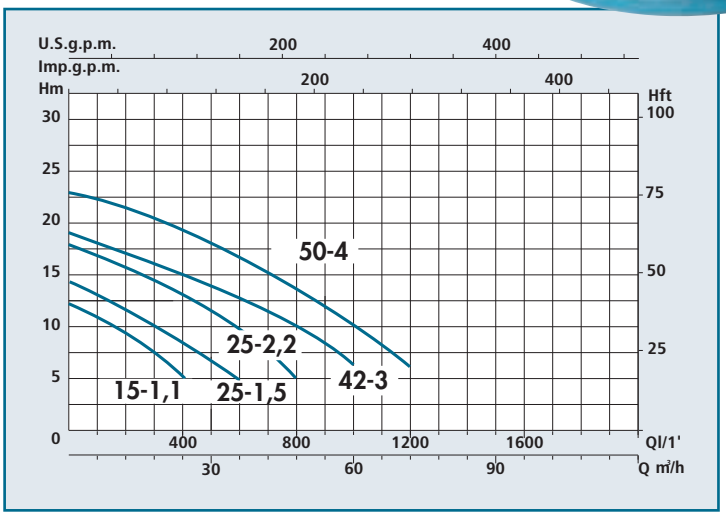
| | |
|---|---|
| - Corpo motore | Ghisa |
| - Corpo pompa | Ghisa |
| - Girante | Ghisa |
| - Albero motore | Acciaio Inox |
| - Tenuta meccanica | Ceramica/Grafite |
| - Cavo | 10 mt |

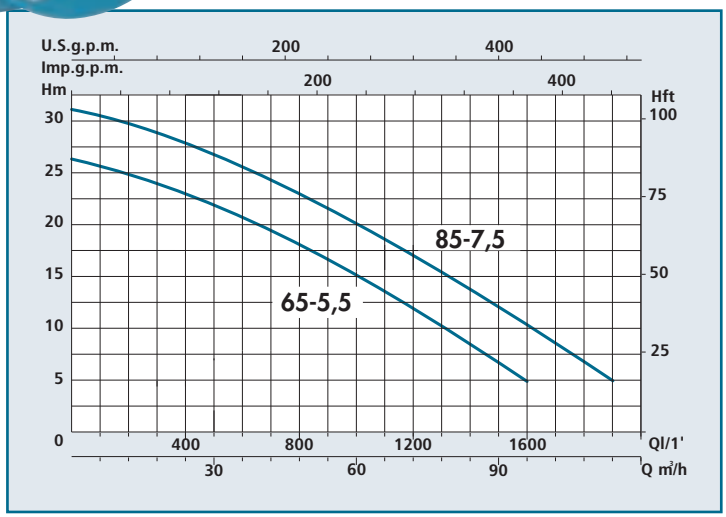
### *OPERATING CONDITIONS*
- *Liquid temperature up to 40°C*
- *Submersion depth max. 20 mt.*
- *Liquid PH from 4 to 10*
- *Continuous duty with completely submersed pump*
- *Liquid density 1,2 Kg/dm3*

### *MOTOR*
- *Insulation Class F*
- *Protection IP 68*

### *MATERIALS*

| | |
|---|---|
| - *Motor body* | *Cast iron* |
| - *Pump body* | *Cast iron* |
| - *Impeller* | *Cast iron* |
| - *Shaft with rotor* | *Stainless steel* |
| - *Mechanical seal* | *Ceramic/Graphite* |
| - *Cable* | *10 m* |




| TIPO - *TYPE* | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | Q = PORTATA - *CAPACITY* | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Trifase *Three-phase* | | | Trifase *Three-phase* | $m^3/h$ | 6 | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 114 | Dimensioni *Dimensions* |
| | | | | lt/1' | 100 | 200 | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1900 | |
| 230/400V-50Hz | HP | kW | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNM |
| **PROFIt 15-1,1** | 1,5 | 1,1 | 2,9 | H (m) | 11 | 8 | 5 | | | | | | | | 2" |
| **PROFIt 25-1,5** | 2 | 1,5 | 3,8 | | 13 | 11 | 8 | 5 | | | | | | | 2" |
| **PROFIt 25-2,2** | 3 | 2,2 | 5,4 | | 17 | 16 | 13 | 8 | 5 | | | | | | 2" |
| **PROFIt 42-3** | 4 | 3 | 7 | | 18 | 17 | 15 | 13 | 10 | 6 | | | | | 3" |
| **PROFIt 50-4** | 5 | 4 | 9,3 | | 22 | 21 | 19 | 16 | 13 | 10 | 6 | | | | 3" |
| **PROFIt 65-5,5** | 7,5 | 5,5 | 12,3 | | 25 | 24 | 23 | 21 | 18 | 15 | 12 | 8 | 5 | | 4" |
| **PROFIt 85-7,5** | 10 | 7,5 | 16,5 | | 31 | 30 | 28 | 25 | 23 | 20 | 18 | 15 | 11 | 5 | 4" |

# ELETTROPOMPA SOMMERSA PERIFERICA PER POZZI 4"
# *PERIPHERAL TURBINE SUBMERSIBLE PUMP FOR 4" WELLS*

90

100

## LIMITI D'IMPIEGO
- Temperatura liquido fino a 35° C
- Profondità immersione 30 mt.
- Contenuto di sabbia 10 g/m3
- Partenza/ora 40 max.

## MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 min-1)
- Protezione termica incorporata
- Isolamento Classe F
- Protezione IP 68
- Condensatore incorporato

## MATERIALI

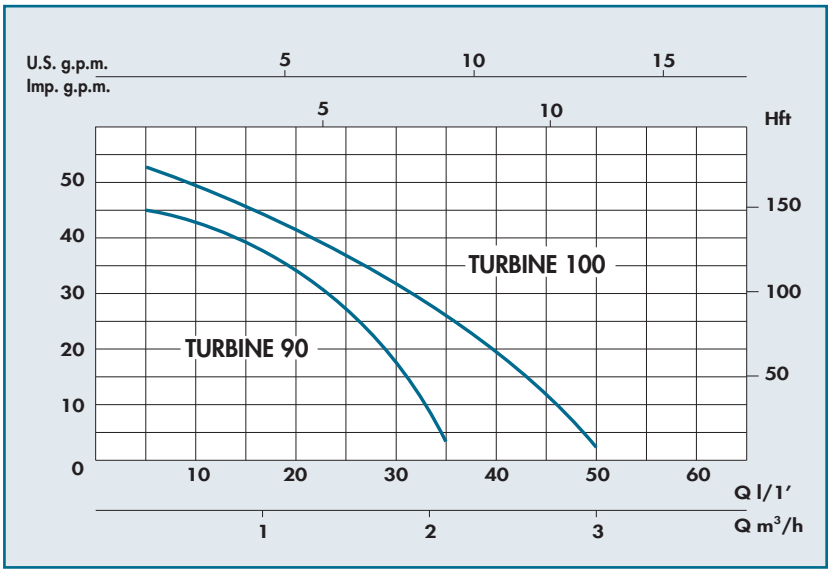
| | |
|---|---|
| - Bocca mandata | Nylon |
| - Bocca mandata | Ghisa nichelata (100) |
| - Flangia aspirazione | Ghisa nichelata |
| - Fondello inferiore | Nylon |
| - Fondello inferiore | Ghisa nichelata (100) |
| - Camicia esterna | Acciaio Inox |
| - Girante | Ottone |
| - Filtro | Acciaio Inox |
| - Albero motore | Acciaio Inox |
| - Piastrine di rasamento antibloccaggio | Acciaio Inox |
| - Tenuta meccanica | Ceramica/Grafite |
| - Cavo | 10 mt (90) |
| - Cavo | 20 mt (100) |

## *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Submersion depth 30m*
- *Sand content 10 g/m3*
- *Start/hour 40 max*

## *MOTOR*
- *Two-Pole induction motor (n = 2850 min-1)*
- *Built-in overload protection*
- *Insulation Class F*
- *Protection IP 68*
- *Built-in capacitor*

## *MATERIALS*

| | |
|---|---|
| - *Delivery outlet* | *Nylon* |
| - *Delivery outlet* | *Nickeled Cast Iron (100)* |
| - *Suction flange* | *Nickeled Cast Iron* |
| - *Bottom plate* | *Nylon* |
| - *Bottom plate* | *Nickeled Cast Iron (100)* |
| - *External casing* | *Stainless steel* |
| - *Impeller* | *Brass* |
| - *Filter* | *Stainless steel* |
| - *Shaft with rotor* | *Stainless steel* |
| - *Antiblocking plate* | *Stainless steel* |
| - *Mechanical seal* | *Ceramic/Graphite* |
| - *Cable* | *10 m (90)* |
| - *Cable* | *20 m (100)* |




| TIPO - *TYPE* | POTENZA ASSORBITA *INPUT POWER* P1 | AMPERE | Q = PORTATA - *CAPACITY* | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | | Monofase *Single-phase* | m³/h | 0,3 | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3 | Dimensioni *Dimensions* |
| | | | lt/1' | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | |
| 230V-50Hz | Watt | 1 x 230V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNM |
| **TURBINE 90** | 900 | 4,8 | H (m) | 45 | 39 | 32 | 25 | 18 | 10 | 3 | | | | 1" |
| **TURBINE 100** | 1100 | 5,5 | | 53 | 50 | 46 | 41 | 35 | 28 | 20 | 10 | 5 | 2 | 1" |

# ELETTROPOMPA SOMMERSA MULTISTADIO
## *MULTISTAGE SUBMERSIBLE PUMP*

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 35° C
- Profondità immersione 10 mt.
- Partenza/ora 30 max.
- Passaggio solidi Ø 3mm
- Livello min. d'aspirazione 60 mm

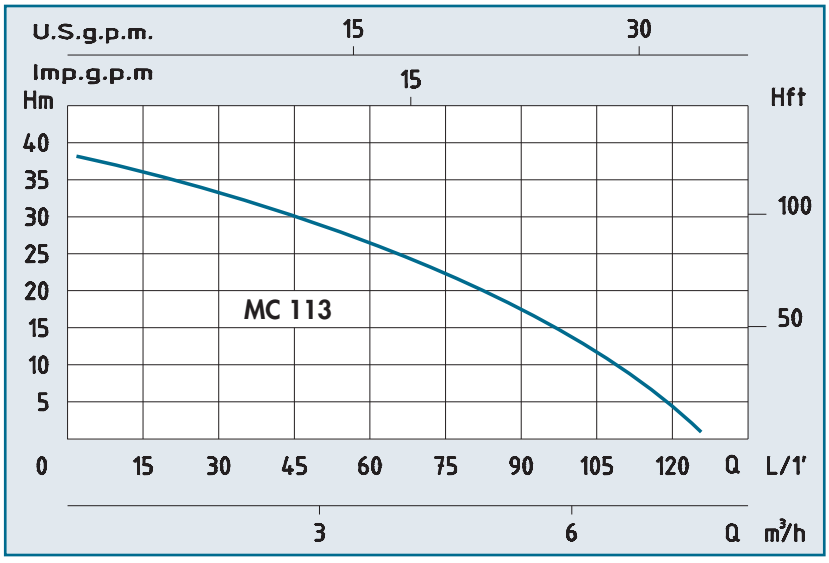
### MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 min-1)
- Protezione amperometrica a riarmo automatico incorporata
- Isolamento Classe F
- Protezione IP 68

### MATERIALI
| | |
|---|---|
| - Corpo pompa | Acciaio Inox |
| - Griglia | Noryl |
| - Girante e diffusori | Noryl |
| - Supporti | Alluminio |
| - Albero | Acciaio Inox |
| - Corpo motore | Alluminio |
| - Doppia tenuta meccanica | |

### *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Submersion depth 10m*
- *Start/hour 30 max*
- *Grain size inlet Ø 3 mm*
- *Min. suction level 60 mm*

### *MOTOR*
- *Two-Pole induction motor (n = 2850 min-1)*
- *Built-in over load motor protector with automatic reset*
- *Insulation Class F*
- *Protection IP 68*

### *MATERIALS*
| | |
|---|---|
| - *External pump body* | *Stainless Steel* |
| - *Suction strainer* | *Noryl* |
| - *Impeller and diffusors* | *Noryl* |
| - *Bearing brackets* | *Aluminium* |
| - *Shaft* | *Stainless Steel* |
| - *Motor housing* | *Aluminium* |
| - *Double mechanical seal* | |




| TIPO - *TYPE* | POTENZA ASSORBITA *INPUT POWER* P1 | AMPERE | Q = PORTATA - *CAPACITY* | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | | Monofase *Single-phase* | m³/h | 0 | 0,6 | 1,2 | 1,8 | 2,7 | 3,6 | 4,8 | 5,4 | 7,2 | 7,8 | Dimensioni *Dimensions* |
| | | | lt/1' | 0 | 10 | 20 | 30 | 45 | 60 | 80 | 90 | 120 | 130 | |
| 230V-50Hz | Watt | 1 x 230V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNM |
| **MC 113** | 1100 | 5 | H (m) | 38 | 36 | 35 | 34 | 30 | 28 | 23 | 20 | 5 | | 1" |

# ELETTROPOMPE SOMMERSE MULTISTADIO PER POZZI 6"
# *MULTISTAGE SUBMERSIBLE PUMPS FOR 6" WELLS*

## LIMITI D'IMPIEGO
- Temperatura liquido fino a 35° C
- Profondità immersione 20 mt.
- Contenuto di sabbia 40 g/m3
- Partenza/ora 45 max.

## MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 min-1)
- Protezione amperometrica a riarmo automatico incorporata
- Isolamento Classe F
- Protezione IP 68

## MATERIALI
| | |
|---|---|
| - Corpo pompa | Acciaio Inox |
| - Griglia | Acciaio Inox |
| - Girante e diffusori | Acciaio Inox |
| - Supporti | Ghisa |
| - Albero | Acciaio Inox |
| - Corpo motore | Acciaio Inox |
| - Tenuta meccanica | Silicio/Silicio |

## *OPERATING CONDITIONS*
- *Liquid temperature up to 35°C*
- *Submersion depth 20m*
- *Sand content 40 g/m3*
- *Start/hour 45 max*

## *MOTOR*
- *Two-Pole induction motor (n = 2850 min-1)*
- *Built-in over load motor protector with automatic reset*
- *Insulation Class F*
- *Protection IP 68*

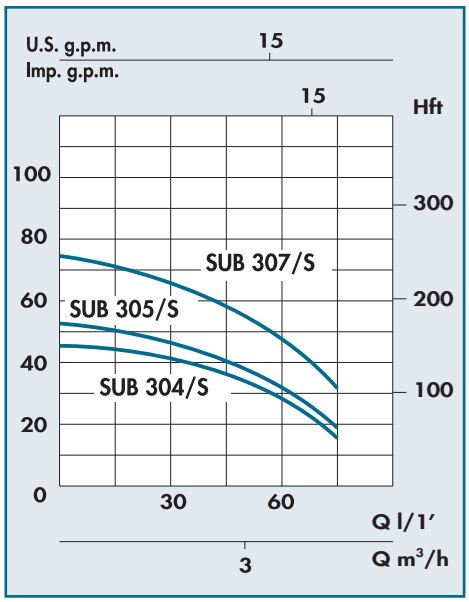
## *MATERIALS*
| | |
|---|---|
| - *External pump body* | *Stainless Steel* |
| - *Suction strainer* | *Stainless Steel* |
| - *Impeller and diffusors* | *Stainless Steel* |
| - *Bearing brackets* | *Cast Iron* |
| - *Shaft* | *Stainless Steel* |
| - *Motor housing* | *Stainless Steel* |
| - *Mechanical seal* | *Silicon/Silicon* |

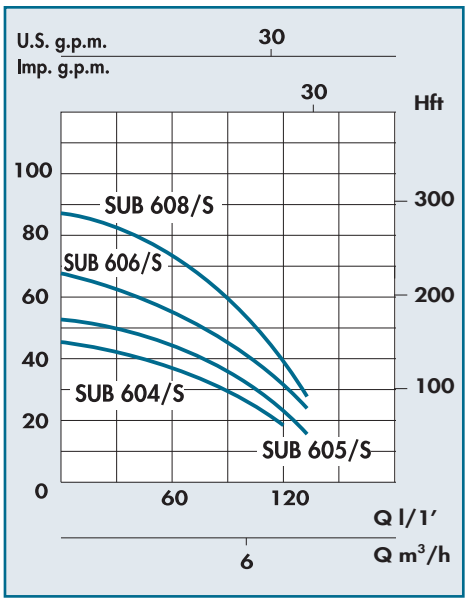
| TIPO - *TYPE* | CAVO - *CABLE* |
|---|---|
| **SUB 304/S** | 15 m |
| **SUB 305/S** | 20 m |
| **SUB 307/S** | 30 m |
| **SUB 604/S** | 15 m |
| **SUB 605/S** | 20 m |
| **SUB 606/S** | 20 m |
| **SUB 608/S** | 30 m |
| **SUB 904/S** | 20 m |

| TIPO - *TYPE* | POTENZA ASSORBITA *INPUT POWER* P1 | AMPERE | Condensatore *Capacitor* | Q = PORTATA - *CAPACITY* | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | | Monofase *Single-phase* | | m3/h | 0 | 1,5 | 2,5 | 3,5 | 4,5 | 5 | 6 | 8 | 10 | 11 | Dimensioni *Dimensions* |
| | | | | lt/1' | 0 | 25 | 41,6 | 58,3 | 75 | 83,3 | 100 | 133 | 166 | 183 | |
| 230V-50Hz | Watt | 1 x 230V | µf | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNM |
| **SUB 304/S** | 850 | 4,1 | 20 | H (m) | 44 | 39,5 | 33,5 | 25,5 | 16 | | | | | | 1"1/4 |
| **SUB 305/S** | 1100 | 5 | 20 | | 53 | 47 | 40 | 30 | 19 | | | | | | 1"1/4 |
| **SUB 307/S** | 1350 | 6,3 | 30 | | 76,5 | 67,5 | 57,5 | 46 | 32,5 | | | | | | 1"1/4 |
| **SUB 604/S** | 1300 | 6 | 25 | | 43 | 41 | 39 | 36,5 | 33 | 30 | 25,5 | 13 | | | 1"1/4 |
| **SUB 605/S** | 1550 | 7 | 25 | | 53 | 50 | 48 | 45 | 40 | 37,5 | 32 | 15 | | | 1"1/4 |
| **SUB 606/S** | 1650 | 7,6 | 30 | | 66 | 63 | 60 | 56 | 51,5 | 49 | 42 | 25 | | | 1"1/4 |
| **SUB 608/S** | 2200 | 10,5 | 35 | | 88 | 84 | 80 | 75 | 68,5 | 65 | 56 | 27,5 | | | 1"1/4 |
| **SUB 904/S** | 1950 | 10 | 35 | | 45,5 | 45 | 43 | 41 | 40 | 39 | 37 | 32,5 | 26,5 | 22,5 | 1"1/4 |

WORTEX

WORTEX


U.S. g.p.m.
15
Imp. g.p.m.
15
Hft
100
80
60
40
20
0
300
200
100
SUB 307/S
SUB 305/S
SUB 304/S
30
60
Q l/1'
3
Q m³/h


U.S. g.p.m.
30
Imp. g.p.m.
30
Hft
100
80
60
40
20
0
300
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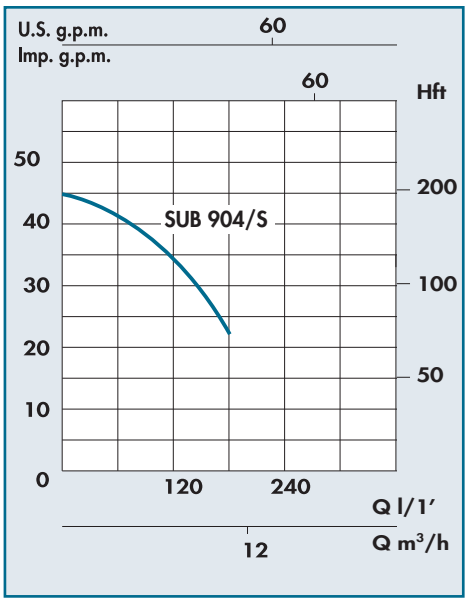
SUB 608/S
SUB 606/S
SUB 604/S
SUB 605/S
60
120
Q l/1'
6
Q m³/h


U.S. g.p.m.
60
Imp. g.p.m.
60
Hft
50
40
30
20
10
0
200
100
50
SUB 904/S
120
240
Q l/1'
12
Q m³/h

# ELETTROPOMPE SOMMERSE
# ACQUE LURIDE

Epoxy Cable Base

Thermic protection

Double Mechanical Seals

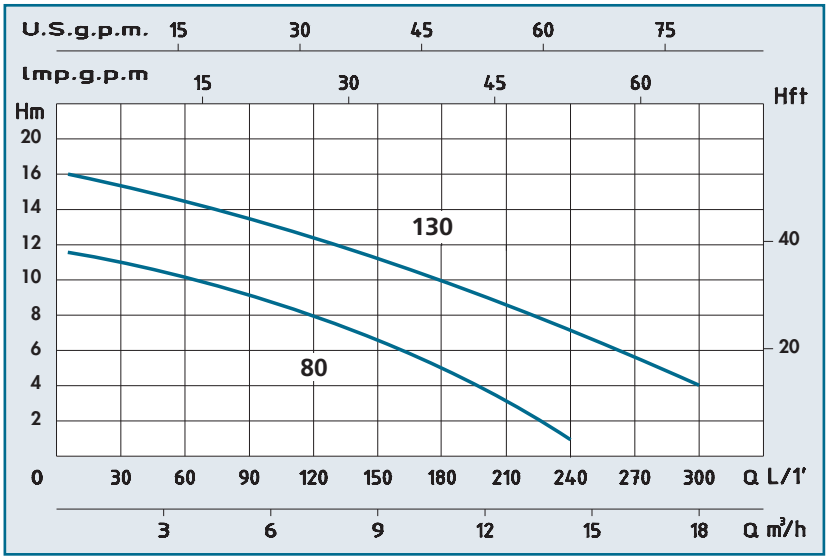
High Efficiency Dry Motor

## LIMITI D'IMPIEGO
- Temperatura liquido fino a 40° C
- Profondità d'immersione 30 mt.
- Servizio continuo

## MOTORE
- Isolamento Classe F
- Protezione IP 68
- Protettore termico
- Funzionamento a secco

## MATERIALI

| | |
|---|---|
| - Corpo pompa | Ghisa |
| - Corpo motore | Ghisa |
| - Coperchio superiore | Ghisa |
| - Girante | Noryl (Drain 80S) |
| - Girante | Ghisa |
| - Cilindro motore | Acciaio Inox |
| - Albero motore | Acciaio Inox |
| - Griglia | Acciaio Inox |
| - Doppia tenuta meccanica | CA/CE (0,8÷1,3 HP)<br>SIC/SIC (2÷3 HP) |
| - Cavo | 10 mt |




| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | $m^3/h$ | 1,8 | 3,6 | 5,4 | 7,2 | 9 | 12 | 15 | 18 | 21 | 24 | Dimensioni *Dimensions* |
| | | HP | kW | | | lt/1' | 30 | 60 | 90 | 120 | 150 | 200 | 250 | 300 | 350 | 400 | |
| 230V-50Hz | 230/400 V-50Hz | | | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNM |
| **DRAIN 80-S** | | 0,8 | 0,6 | 3 | | H (m) | 11,3 | 10 | 9 | 8 | 6,3 | 4 | 1 | | | | 2" |
| **DRAIN 130-S** | **DRAIN 130 T-S** | 1,3 | 0,95 | 4,8 | 1,9 | | 14,7 | 14,2 | 13,5 | 12,1 | 11 | 9 | 7 | 4 | 1 | | 2" |

# SUBMERSIBLE SEWAGE PUMPS

## OPERATING CONDITIONS

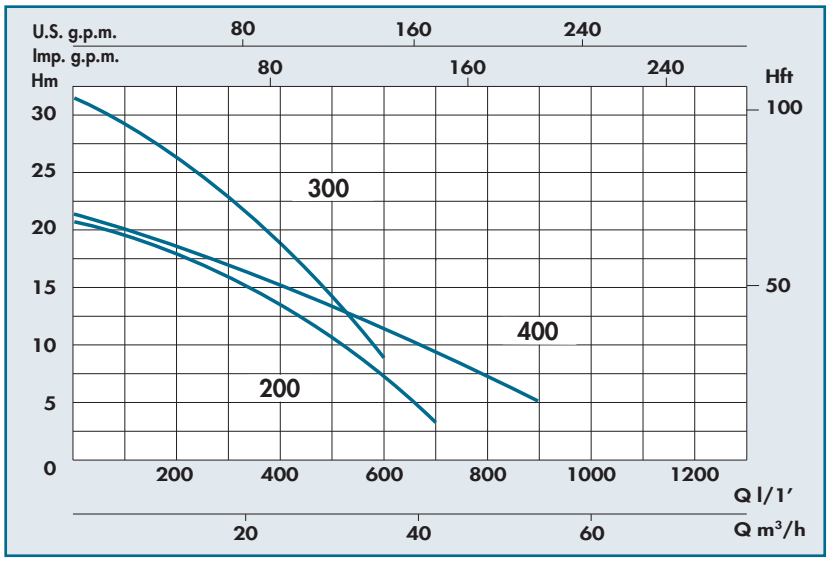
- *Liquid temperature up to 40°C*
- *Submersion max. depth 30 mt.*
- *Continuous duty*

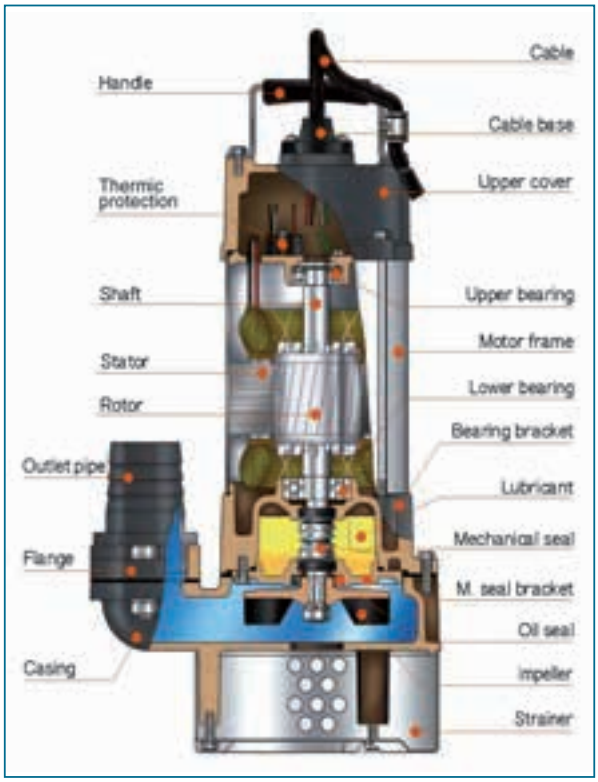
## MOTOR

- *Insulation Class F*
- *Protection IP 68*
- *Thermic protection*
- *Dry type*

## MATERIALS

| | |
|---|---|
| - *Casing* | *Cast Iron* |
| - *Upper cover* | *Cast Iron* |
| - *Casing cover* | *Cast Iron* |
| - *Impeller* | *Noryl (Drain 80S)* |
| - *Impeller* | *Cast Iron* |
| - *Motor frame* | *Stainless Steel* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Suction grid* | *Stainless Steel* |
| - *Double mechanical seal* | *CA/CE ( 0,8÷1,3 HP )*<br>*SIC/SIC ( 2÷3 HP )* |
| - *Cable* | *10 m* |




| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | m³/h | 1 | 3 | 6 | 12 | 24 | 30 | 36 | 42 | 48 | 54 | Dimensioni *Dimensions* |
| | | HP | kW | | | lt/1' | 16,6 | 50 | 100 | 200 | 400 | 500 | 600 | 700 | 800 | 900 | |
| 230V-50Hz | 230/400V-50Hz | | | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNM | |
| | **DRAIN 200 T** | 2 | 1,5 | | 3,5 | H (m) | 21 | 20 | 19 | 18 | 12 | 9 | 6 | 3 | | | 2" | |
| **DRAIN 200-S** | **DRAIN 200 T-S** | 2 | 1,5 | 8,5 | 3,5 | | 21 | 20 | 19 | 18 | 12 | 9 | 6 | 3 | | | 2" | |
| **DRAIN 300** | **DRAIN 300 T** | 3 | 2,2 | 14 | 5,5 | | 32,2 | 31,3 | 29,9 | 26,7 | 18 | 12 | 8 | | | | 3" | |
| **DRAIN 300-S** | **DRAIN 300 T-S** | 3 | 2,2 | 14 | 5,5 | | 32,2 | 31,3 | 29,9 | 26,7 | 18 | 12 | 8 | | | | 3" | |
| | **DRAIN 400 T** | 3 | 2,2 | | 5,5 | | 21,6 | 20,9 | 19,9 | 18,6 | 15 | 13 | 12 | 10 | 8 | 5 | 4" | |

# VORT

WORTEX

## ELETTROPOMPE SOMMERSE
## ACQUE LURIDE

Epoxy Cable Base

Thermic protection

Double Mechanical Seals

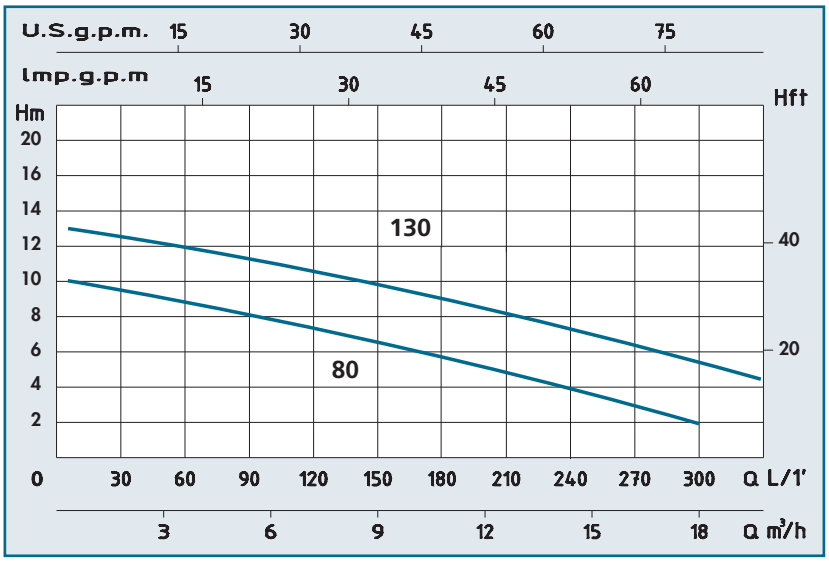
High Efficiency Dry Motor

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 40° C
- Profondità d'immersione 30 mt.
- Servizio continuo

### MOTORE
- Isolamento Classe F
- Protezione IP 68
- Protettore termico
- Funzionamento a secco

### MATERIALI

| | |
|---|---|
| - Corpo pompa | Ghisa |
| - Corpo motore | Ghisa |
| - Coperchio superiore | Ghisa |
| - Girante | Ghisa |
| - Cilindro motore | Acciaio Inox |
| - Albero motore | Acciaio Inox |
| - Doppia tenuta meccanica | CA/CE (0,8÷1,3 HP)<br>SIC/SIC (2÷3 HP) |
| - Cavo | 10 mt |




| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | m³/h | 1,8 | 3,6 | 5,4 | 7,2 | 9 | 12 | 15 | 18 | 21 | 24 | Dimensioni *Dimensions* |
| | | | | | | lt/1' | 30 | 60 | 90 | 120 | 150 | 200 | 250 | 300 | 350 | 400 | |
| 230V-50Hz | 230/400V-50Hz | HP | kW | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNM |
| **VORT 80-S** | | 0,8 | 0,6 | 3 | | H (m) | 9,4 | 9 | 8 | 7 | 6,2 | 5 | 4 | 2 | | | 2" |
| | **VORT 130 T** | 1,3 | 0,95 | 4,8 | 1,9 | | 13 | 12 | 11 | 10,5 | 10 | 8 | 7,5 | 8 | 4 | | 2" |
| **VORT 130-S** | **VORT 130 T-S** | 1,3 | 0,95 | 4,8 | 1,9 | | 13 | 12 | 11 | 10,5 | 10 | 8 | 7,5 | 8 | 4 | | 2" |

# WORTEX VORT

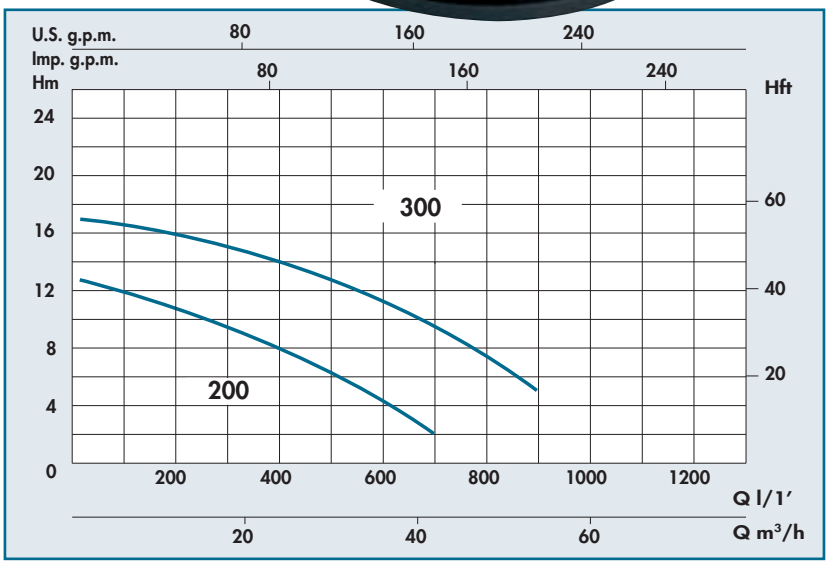
## SUBMERSIBLE SEWAGE PUMPS

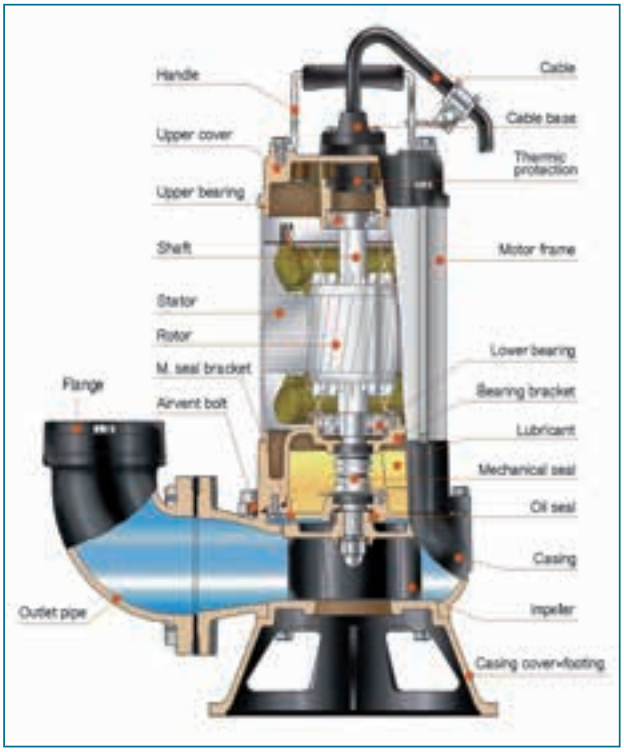
### OPERATING CONDITIONS
- *Liquid temperature up to 40°C*
- *Submersion max. depth 30 mt.*
- *Continuous duty*

### MOTOR
- *Insulation Class F*
- *Protection IP 68*
- *Thermic protection*
- *Dry type*

### MATERIALS

| | |
|---|---|
| - *Casing* | *Cast Iron* |
| - *Upper cover* | *Cast Iron* |
| - *Casing cover* | *Cast Iron* |
| - *Impeller* | *Cast Iron* |
| - *Motor frame* | *Stainless Steel* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Double mechanical seal* | *CA/CE ( 0,8÷1,3 HP )*<br>*SIC/SIC ( 2÷3 HP )* |
| - *Cable* | *10 m* |




| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | m³/h | 1 | 3 | 6 | 12 | 24 | 30 | 36 | 42 | 48 | 54 | Dimensioni *Dimensions* |
| | | HP | kW | | | lt/1' | 16,6 | 50 | 100 | 200 | 400 | 500 | 600 | 700 | 800 | 900 | |
| 230V-50Hz | 230/400V-50Hz | | | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNM | |
| **VORT 200** | **VORT 200 T** | 2 | 1,5 | 8,5 | 3,5 | H (m) | 12,5 | 12,3 | 12 | 11,3 | 8 | 6 | 3 | 2 | | | 3" | |
| **VORT 200-S** | **VORT 200 T-S** | 2 | 1,5 | 8,5 | 3,5 | | 12,5 | 12,3 | 12 | 11,3 | 8 | 6 | 3 | 2 | | | 3" | |
| **VORT 300** | **VORT 300 T** | 3 | 2,2 | | 5,5 | | 16,9 | 16,6 | 16,3 | 15,5 | 14 | 12 | 10 | 8,5 | 7 | 5 | 3" | |
| **VORT 300-S** | **VORT 300 T-S** | 3 | 2,2 | 14 | | | 16,9 | 16,6 | 16,3 | 15,5 | 14 | 12 | 10 | 8,5 | 7 | 5 | 3" | |

# A316

WORTEX

## ELETTROPOMPE SOMMERSE
## ACQUE LURIDE
## *SUBMERSIBLE SEWAGE PUMPS*

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 40° C
- Profondità d'immersione 30 mt.
- Servizio continuo

### MOTORE
- Isolamento Classe F
- Protezione IP 68
- Protettore termico
- Funzionamento a secco

### MATERIALI

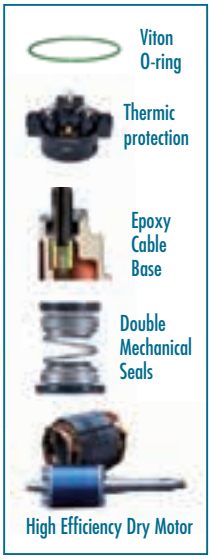
| | |
|---|---|
| - Corpo pompa | Acciaio Inox |
| - Corpo motore | Acciaio Inox |
| - Coperchio superiore | Acciaio Inox |
| - Girante | Acciaio Inox |
| - Cilindro motore | Acciaio Inox |
| - Albero motore | Acciaio Inox |
| - Doppia tenuta mecc. | CA/CE (0,8÷1,3 HP)<br>SIC/SIC (2÷3 HP) |
| - Cavo | 10 mt |

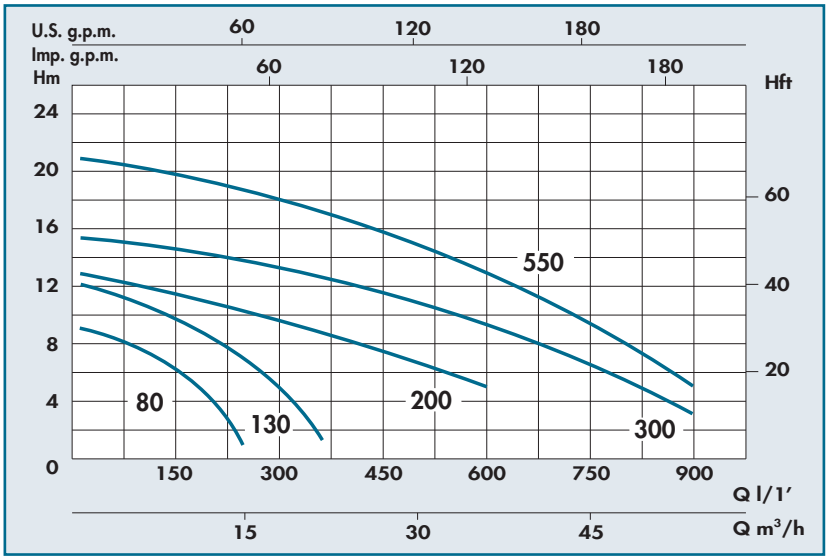
### *OPERATING CONDITIONS*
- *Liquid temperature up to 40°C*
- *Submersion max. depth 30 mt.*
- *Continuous duty*

### *MOTOR*
- *Insulation Class F*
- *Protection IP 68*
- *Thermic protection*
- *Dry type*

### *MATERIALS*

| | |
|---|---|
| - *Casing* | *AISI 316* |
| - *Upper cover* | *AISI 316* |
| - *Casing cover* | *AISI 316* |
| - *Impeller* | *AISI 316* |
| - *Motor frame* | *AISI 316* |
| - *Shaft with rotor* | *AISI 316* |
| - *Double mechanical seal*<br>*CA/CE ( 0,8÷1,3 HP )*<br>*SIC/SIC ( 2÷5,5 HP )* | |
| - *Cable* | *10m* |




| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | $m^3/h$ | 1,5 | 3 | 6 | 8 | 9 | 12 | 24 | 36 | 48 | 54 | Dimensioni *Dimensions* |
| | | HP | kW | | | lt/1' | 25 | 50 | 100 | 133 | 150 | 200 | 400 | 600 | 800 | 900 | |
| 230V-50Hz | 230/400V-50Hz | | | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNM |
| **A 316.80-S** | **A 316.80 T** | 0,8 | 0,6 | 3 | 1 | H (m) | 9,2 | 8,5 | 7,3 | 6,3 | 6,1 | 5 | | | | | 2" |
| **A 316.130-S** | **A 316.130 T** | 1,3 | 0,95 | 4,8 | 1,9 | | 12 | 11,7 | 10,5 | 9,7 | 9,2 | 8 | 2 | | | | 2" |
| | **A 316.200 T** | 2 | 1,5 | | 3,5 | | 12,5 | 11,9 | 11,4 | 11,1 | 10,9 | 10,5 | 9 | 5,4 | | | 3" |
| | **A 316.300 T** | 3 | 2,2 | | 5,5 | | 15,7 | 15,4 | 15 | 14,6 | 14,4 | 14,2 | 13 | 9 | 5 | 3 | 3" |
| | **A 316.550 T** | 5,5 | 4 | | 12,2 | | 21,0 | 20,5 | 20 | 19,8 | 19,6 | 19 | 16,8 | 13,8 | 8 | 5 | 3" |

# ELETTROPOMPE SOMMERSE ACQUE LURIDE
## *SUBMERSIBLE SEWAGE PUMPS*

300

150

### LIMITI D'IMPIEGO
- Temperatura liquido fino a 40° C
- Profondità d'immersione 30 mt.
- Servizio continuo

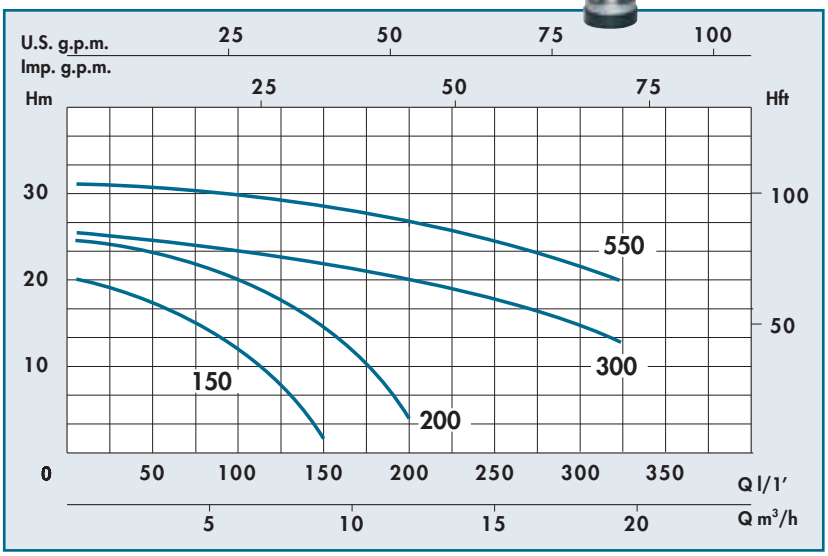
### MOTORE
- Isolamento Classe F
- Protezione IP 68
- Protettore termico
- Funzionamento a secco

### MATERIALI
| | |
|---|---|
| - Corpo pompa | Ghisa |
| - Corpo motore | Ghisa |
| - Coperchio superiore | Ghisa |
| - Girante | Ghisa |
| - Albero motore | Acciaio Inox |
| - Doppia tenuta mecc. | Carburo di silicio |
| - Cavo | 10 mt |

### *OPERATING CONDITIONS*
- *Liquid temperature up to 40°C*
- *Submersion max. depth 30 mt.*
- *Continuous duty*

### *MOTOR*
- *Insulation Class F*
- *Protection IP 68*
- *Thermic protection*
- *Dry type*

### *MATERIALS*
| | |
|---|---|
| - *Casing* | *Cast Iron* |
| - *Upper cover* | *Cast Iron* |
| - *Casing cover* | *Cast Iron* |
| - *Impeller* | *Cast Iron* |
| - *Shaft with rotor* | *AISI 316* |
| - *Double mechanical seal* | *Silicon carbide* |
| - *Cable* | *10m* |

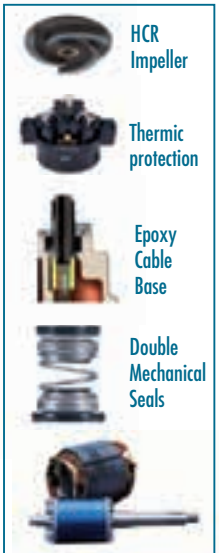



| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | m³/h | 1,5 | 3 | 6 | 8 | 9 | 12 | 15 | 16 | 18 | 19 | Dimensioni *Dimensions* |
| | | | | | | lt/1' | 25 | 50 | 100 | 133,3 | 150 | 200 | 250 | 266,6 | 300 | 316,6 | |
| 230V-50Hz | 230/400V-50Hz | HP | kW | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | | DNM |
| **GRINDER 150-S** | | 1,5 | 1,1 | 7,5 | | H (m) | 20 | 18,1 | 12,1 | 8 | 2 | | | | | | 1"1/4 |
| | **GRINDER 150 T** | 1,5 | 1,1 | | 3,2 | | 20 | 18,1 | 12,1 | 8 | 2 | | | | | | 1"1/4 |
| **GRINDER 200** | **GRINDER 200 T** | 2 | 1,5 | 8,5 | 3,5 | | 24,9 | 23,8 | 20,3 | 13 | 10 | 4 | | | | | 1"1/4 |
| **GRINDER 200-S** | **GRINDER 200 T-S** | 2 | 1,5 | 8,5 | 3,5 | | 24,9 | 23,8 | 20,3 | 13 | 10 | 4 | | | | | 1"1/4 |
| | **GRINDER 300 T** | 3 | 2,2 | | 5,5 | | 25,2 | 25,1 | 24,4 | 23,3 | 22,5 | 20 | 16 | 15 | 13 | 12 | 2" |
| | **GRINDER 550 T** | 5,5 | 4 | | 12,2 | | 31,3 | 31,2 | 30,4 | 29,1 | 28,4 | 26 | 24 | 23 | 21 | 20 | 2" |

# ELETTROPOMPE SOMMERSE ACQUE LURIDE
## *SUBMERSIBLE SEWAGE PUMPS*

300

200




### LIMITI D'IMPIEGO
- Temperatura liquido fino a 40° C
- Profondità d'immersione 30 mt.
- Servizio continuo

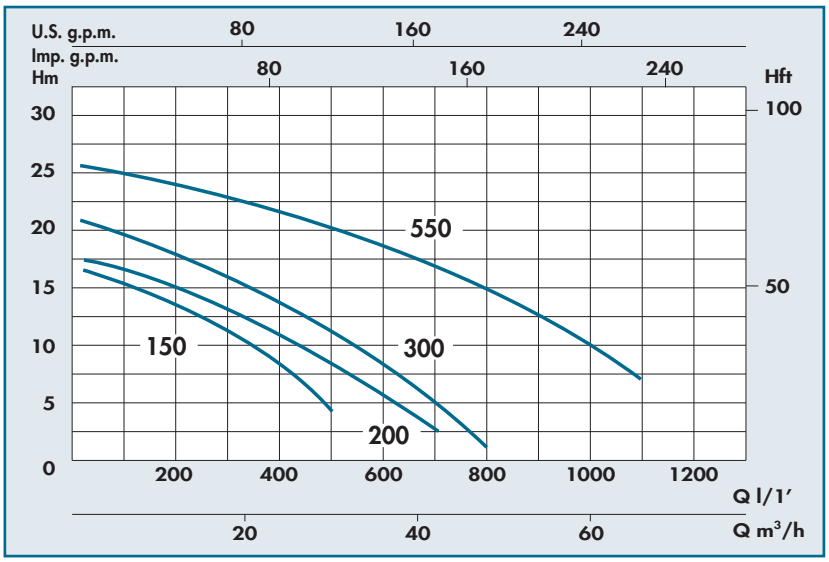
### MOTORE
- Isolamento Classe F
- Protezione IP 68
- Protettore termico
- Funzionamento a secco

### MATERIALI
| | |
|---|---|
| - Corpo pompa | Ghisa |
| - Corpo motore | Ghisa |
| - Cilindro | Acciaio Inox |
| - Coperchio superiore | Ghisa |
| - Girante | HCR |
| - Albero motore | Acciaio Inox |
| - Doppia tenuta mecc. | Silicio/Silicio |
| - Cavo | 10 mt |

### *OPERATING CONDITIONS*
- *Liquid temperature up to 40°C*
- *Submersion max. depth 30 mt.*
- *Continuous duty*

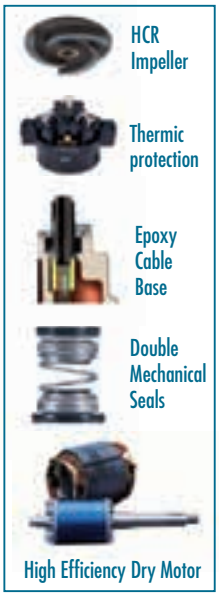
### *MOTOR*
- *Insulation Class F*
- *Protection IP 68*
- *Thermic protection*
- *Dry type*

### *MATERIALS*
| | |
|---|---|
| - *Casing* | *Cast Iron* |
| - *Upper cover* | *Cast Iron* |
| - *Out cover* | *Stainless Steel* |
| - *Casing cover* | *Cast Iron* |
| - *Impeller* | *High Chrome* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Double mechanical seal* | *SIC/SIC* |
| - *Cable* | *10m* |




| TIPO - *TYPE* | | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monofase *Single-phase* | Trifase *Three-phase* | | | Monofase *Single-phase* | Trifase *Three-phase* | m³/h | 6 | 12 | 18 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | Dimensioni *Dimensions* |
| | | | | | | lt/1' | 100 | 200 | 300 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | |
| 230V-50Hz | 230/400V-50Hz | HP | kW | 1 x 230V | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNM |
| **AS 150** | | 1,5 | 1,1 | 7,3 | | H (m) | 16 | 14 | 10,5 | 4 | | | | | | | 2" |
| **AS 150-S** | | 1,5 | 1,1 | 7,3 | | | 16 | 14 | 10,5 | 4 | | | | | | | 2" |
| **AS 200** | **AS 200 T** | 2 | 1,5 | 9,6 | 3,4 | | 17 | 15 | 13 | 8 | 5,2 | 2 | | | | | 3" |
| **AS 200-S** | | 2 | 1,5 | 9,6 | | | 17 | 15 | 13 | 8 | 5,2 | 2 | | | | | 3" |
| | **AS 300 T** | 3 | 2,2 | | 5,5 | | 20,9 | 18,7 | 16,7 | 11,4 | 9,2 | 5 | 2 | | | | 3" |
| | **AS 550 T** | 5,5 | 4 | | 12,2 | | 25,5 | 24 | 22,2 | 18,9 | 17,1 | 15,2 | 13,3 | 12 | 9 | 6,2 | 3" |

# ELETTROPOMPE SOMMERSE ACQUE LURIDE
## *SUBMERSIBLE SEWAGE PUMPS*




### LIMITI D'IMPIEGO
- Temperatura liquido fino a 40° C
- Profondità d'immersione 30 mt.
- Servizio continuo

### MOTORE
- Isolamento Classe F
- Protezione IP 68
- Protettore termico
- Funzionamento a secco

### MATERIALI

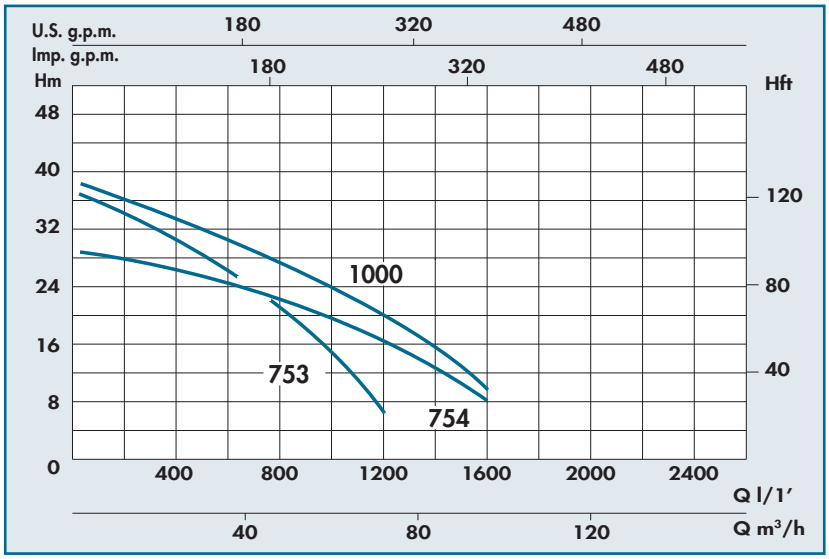
| | |
|---|---|
| - Corpo pompa | Ghisa |
| - Corpo motore | Ghisa |
| - Cilindro | Acciaio Inox |
| - Coperchio superiore | Ghisa |
| - Girante | HCR |
| - Albero motore | Acciaio Inox |
| - Doppia tenuta mecc. | Silicio/Silicio |
| - Cavo | 10 mt |

### *OPERATING CONDITIONS*
- *Liquid temperature up to 40°C*
- *Submersion max. depth 30 mt.*
- *Continuous duty*

### *MOTOR*
- *Insulation Class F*
- *Protection IP 68*
- *Thermic protection*
- *Dry type*

### *MATERIALS*

| | |
|---|---|
| - *Casing* | *Cast Iron* |
| - *Upper cover* | *Cast Iron* |
| - *Out cover* | *Stainless Steel* |
| - *Casing cover* | *Cast Iron* |
| - *Impeller* | *High Chrome* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Double mechanical seal* | *SIC/SIC* |
| - *Cable* | *10m* |




| TIPO - *TYPE* | POTENZA NOMINALE *NOMINAL POWER* P2 | | AMPERE | Q = PORTATA - *CAPACITY* | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Trifase *Three-phase* | | | Trifase *Three-phase* | m³/h | 6 | 18 | 36 | 48 | 60 | 72 | 78 | 84 | 90 | 96 | Dimensioni *Dimensions* |
| | | | | lt/1' | 100 | 300 | 600 | 800 | 1000 | 1200 | 1300 | 1400 | 1500 | 1600 | |
| 230/400V-50Hz | HP | kW | 3 x 400V | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | DNM |
| **AS 753 T** | 7,5 | 5,5 | 13,2 | H (m) | 36,3 | 32,7 | 26,3 | 21,8 | 16,7 | 7 | | | | | 3" |
| **AS 754 T** | 7,5 | 5,5 | 13,2 | | 28,3 | 26,7 | 23,7 | 21,3 | 19 | 16 | 15 | 14 | 12 | 8 | 4" |
| **AS 1000 T** | 10 | 7,5 | 15 | | 37,9 | 35 | 30,9 | 28 | 25 | 20 | 17 | 15 | 13 | 9 | 4" |

# CB 2

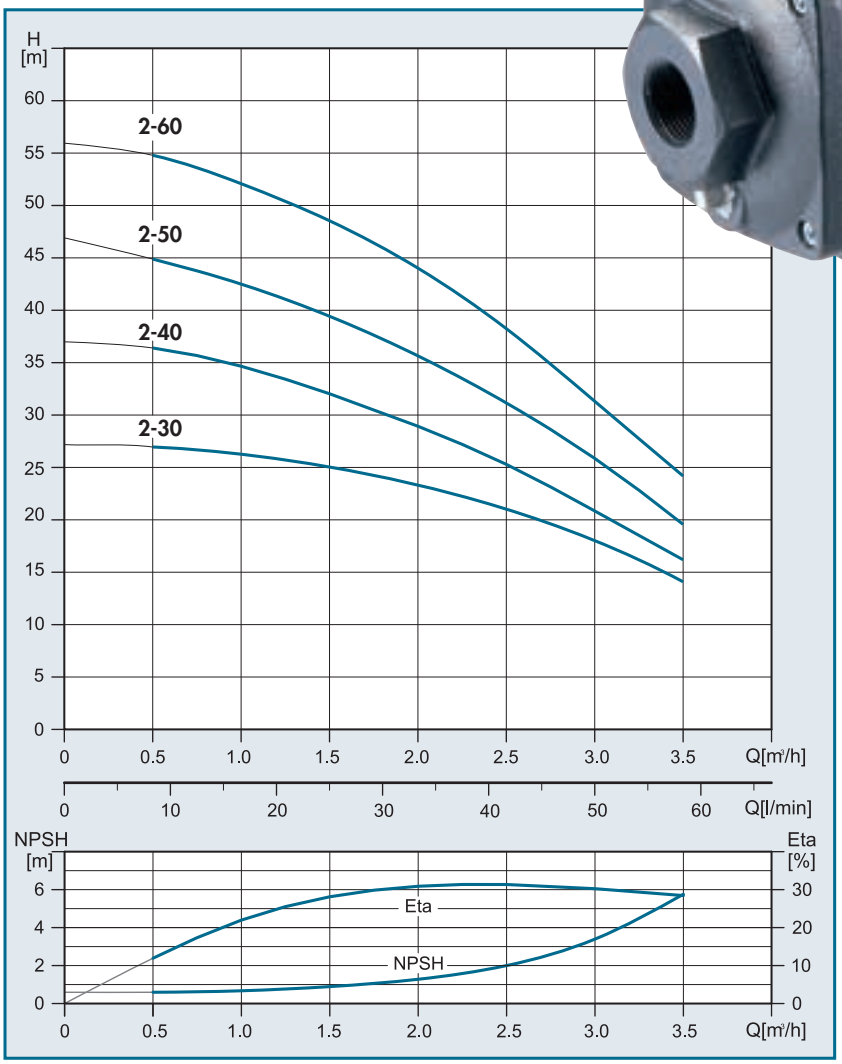
## ELETTROPOMPE ORIZZONTALI CENTRIFUGHE MULTISTADIO

### LIMITI D'IMPIEGO
- Pressione max. d'esercizio: 10 bar
- Temperatura liquido fino a 90°C
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

### MATERIALI

| | |
|---|---|
| - Corpo pompa | Ghisa |
| - Supporto motore | Ghisa |
| - Girante | Acciaio Inox |
| - Diffusori | Acciaio Inox |
| - Albero motore | Acciaio Inox |
| - Tenute meccaniche | Silicio/Carbone |

### MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 min-1)
- Isolamento Classe F
- Protezione IP 44



| TIPO - *TYPE* | H max m | Q max l/1' | DNA | DNM |
|---|---|---|---|---|
| **CB-CBt 2-30** | 27 | 58 | 1" | 1" |
| **CB-CBt 2-40** | 36 | 58 | 1" | 1" |
| **CB-CBt 2-50** | 45 | 58 | 1" | 1" |
| **CB-CBt 2-60** | 55 | 58 | 1" | 1" |

| TIPO - *TYPE* | HP | Monofase - *Single-phase* 1 x 230 V | | TIPO - *TYPE* | Trifase - *Three-phase* 3 x 230/400 V | |
|---|---|---|---|---|---|---|
| | | $P_1$ [W] | $I_{1/1}$ [A] | | $P_1$ [W] | $I_{1/1}$ [A] |
| **CB 2-30** | 0,5 | 480 | 2,3 | **CBt 2-30** | 460 | 1,9 / 1,2 |
| **CB 2-40** | 0,5 | 570 | 2,6 | **CBt 2-40** | 560 | 2,0 / 1,2 |
| **CB 2-50** | 0,75 | 680 | 3,2 | **CBt 2-50** | 660 | 2,7 / 1,6 |
| **CB 2-60** | 0,75 | 810 | 3,7 | **CBt 2-60** | 810 | 2,8 / 1,6 |

# HORIZONTAL MULTISTAGE CENTRIFUGAL PUMPS

## OPERATING CONDITIONS

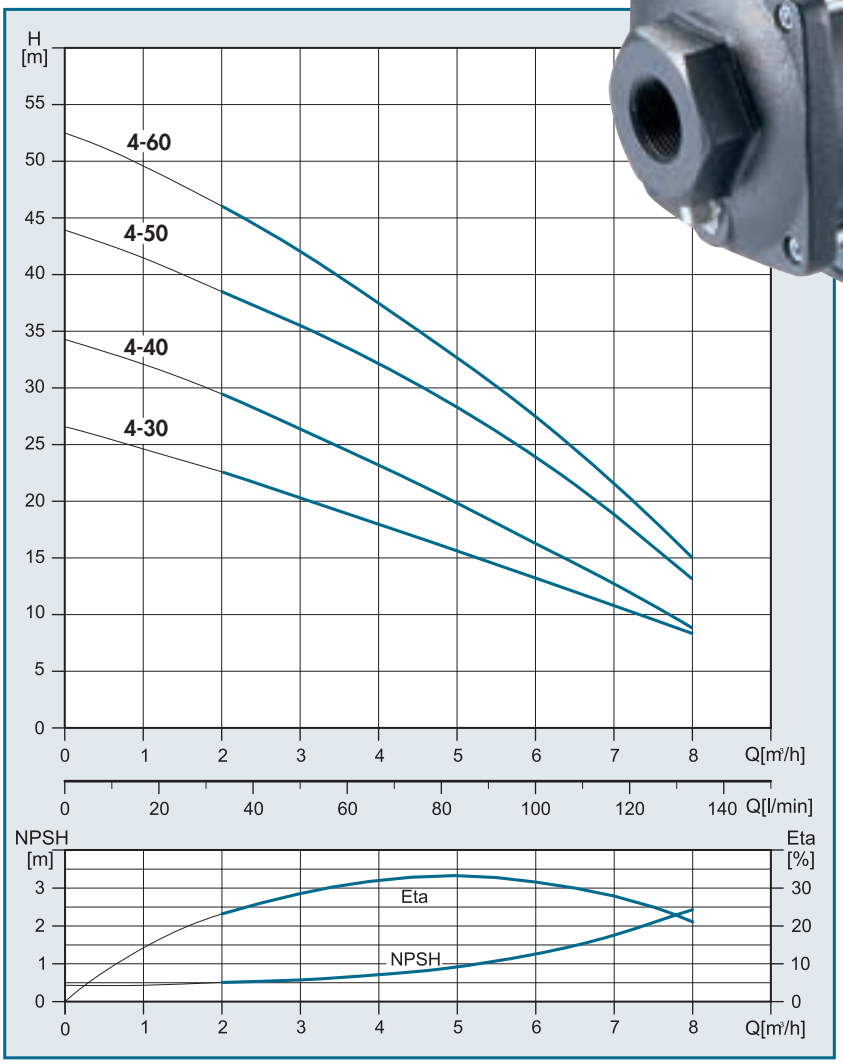
- *Max working pressure: 10 bar*
- *Liquid temperature up to 90°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 7 mt.*
- *Continuous duty*

## MATERIALS

| | |
|---|---|
| - *Pump body* | *Cast Iron* |
| - *Motor support* | *Cast Iron* |
| - *Impeller* | *Stainless Steel* |
| - *Diffusers* | *Stainless Steel* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Mechanical seal* | *Silicon Carbon* |

## MOTOR

- *Two-Pole induction motor (n = 2850 min$^{-1}$)*
- *Insulation Class F*
- *Protection IP 44*




| TIPO - *TYPE* | H max m | Q max l/1′ | DNA | DNM |
|---|---|---|---|---|
| **CB-CBt 4-30** | 23 | 133 | 1″1/4 | 1″ |
| **CB-CBt 4-40** | 29 | 133 | 1″1/4 | 1″ |
| **CB-CBt 4-50** | 38 | 133 | 1″1/4 | 1″ |
| **CB-CBt 4-60** | 46 | 133 | 1″1/4 | 1″ |

| TIPO - *TYPE* | HP | Monofase - *Single-phase* 1 x 230 V | | TIPO - *TYPE* | Trifase - *Three-phase* 3 x 230/400 V | |
|---|---|---|---|---|---|---|
| | | $P_1$ [W] | $I_{1/1}$ [A] | | $P_1$ [W] | $I_{1/1}$ [A] |
| **CB 4-30** | 0,5 | 820 | 3,5 | **CBt 4-30** | 770 | 2,3 / 1,3 |
| **CB 4-40** | 0,75 | 1020 | 4,3 | **CBt 4-40** | 1000 | 3,1 / 1,8 |
| **CB 4-50** | 1 | 1220 | 5,4 | **CBt 4-50** | 1200 | 4,0 / 2,3 |
| **CB 4-60** | 1,5 | 1450 | 6,2 | **CBt 4-60** | 1400 | 4,6 / 2,7 |

# CBI 2

WORTEX

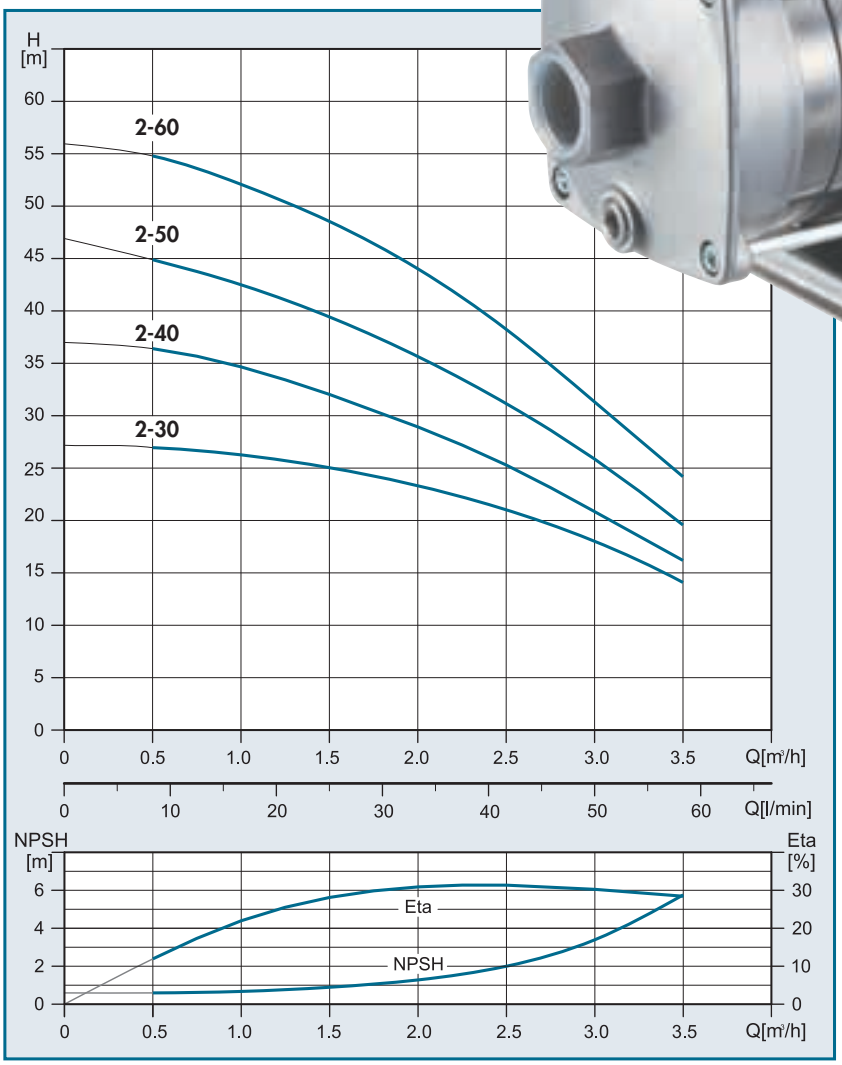
## ELETTROPOMPE ORIZZONTALI CENTRIFUGHE MULTISTADIO

### LIMITI D'IMPIEGO
- Pressione max. d'esercizio: 10 bar
- Temperatura liquido fino a 110°C
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

### MATERIALI

| | |
|---|---|
| - Corpo pompa | Acciaio Inox |
| - Supporto motore | Acciaio Inox |
| - Girante | Acciaio Inox |
| - Diffusori | Acciaio Inox |
| - Albero motore | Acciaio Inox |
| - Tenute meccaniche | Silicio/Carbone |

### MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 min-1)
- Isolamento Classe F
- Protezione IP 44




| TIPO - *TYPE* | H max m | Q max l/1′ | DNA | DNM |
|---|---|---|---|---|
| **CBI-CBIt 2-30** | 27 | 58 | 1″ | 1″ |
| **CBI-CBIt 2-40** | 36 | 58 | 1″ | 1″ |
| **CBI-CBIt 2-50** | 45 | 58 | 1″ | 1″ |
| **CBI-CBIt 2-60** | 55 | 58 | 1″ | 1″ |

| TIPO - *TYPE* | HP | Monofase - *Single-phase* 1 x 230 V | | TIPO - *TYPE* | Trifase - *Three-phase* 3 x 230/400 V | |
|---|---|---|---|---|---|---|
| | | $P_1$ [W] | $I_{1/1}$ [A] | | $P_1$ [W] | $I_{1/1}$ [A] |
| **CBI 2-30** | 0,5 | 480 | 2,3 | **CBIt 2-30** | 460 | 1,9 / 1,2 |
| **CBI 2-40** | 0,5 | 570 | 2,6 | **CBIt 2-40** | 560 | 2,0 / 1,2 |
| **CBI 2-50** | 0,75 | 680 | 3,2 | **CBIt 2-50** | 660 | 2,7 / 1,6 |
| **CBI 2-60** | 0,75 | 810 | 3,7 | **CBIt 2-60** | 810 | 2,8 / 1,6 |

# HORIZONTAL MULTISTAGE CENTRIFUGAL PUMPS

## OPERATING CONDITIONS

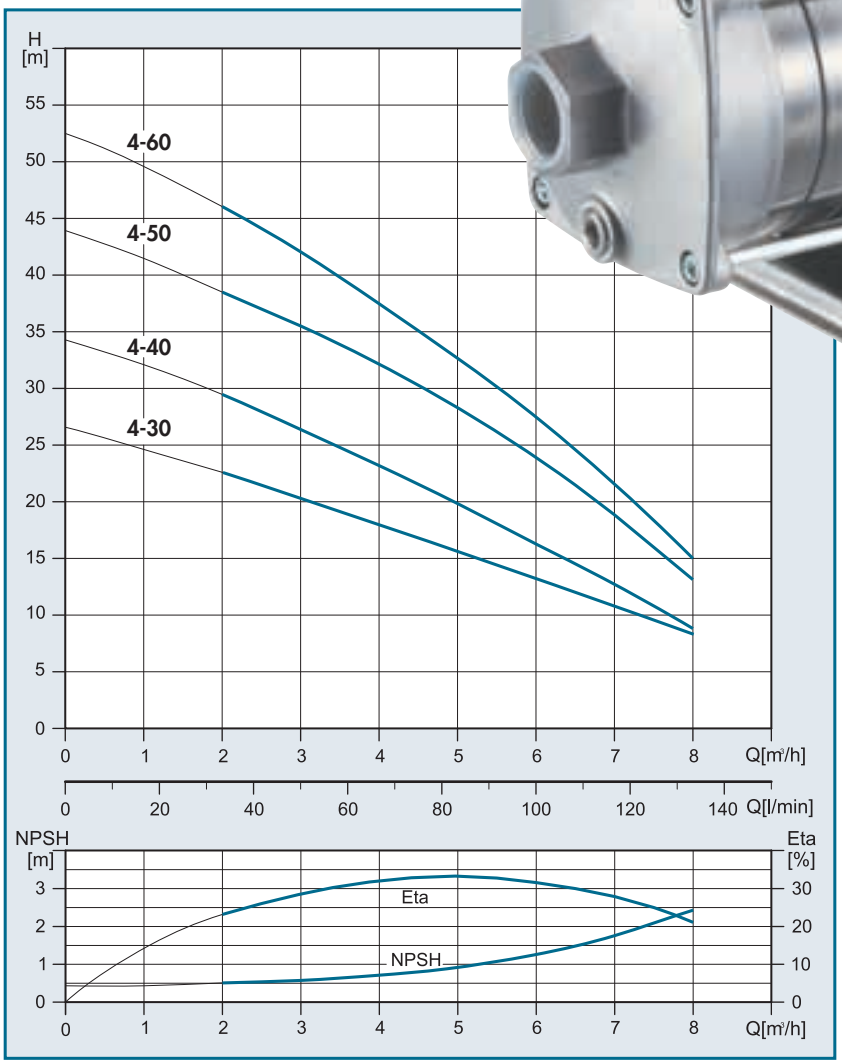
- *Max working pressure: 10 bar*
- *Liquid temperature up to 110°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 7 mt.*
- *Continuous duty*

## MATERIALS

| | |
|---|---|
| - *Pump body* | *Stainless Steel* |
| - *Motor support* | *Stainless Steel* |
| - *Impeller* | *Stainless Steel* |
| - *Diffusers* | *Stainless Steel* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Mechanical seal* | *Silicon Carbon* |

## MOTOR

- *Two-Pole induction motor (n = 2850 min$^{-1}$)*
- *Insulation Class F*
- *Protection IP 44*




| TIPO - *TYPE* | H max m | Q max l/1′ | DNA | DNM |
|---|---|---|---|---|
| **CBI-CBIt 4-30** | 23 | 133 | 1″1/4 | 1″ |
| **CBI-CBIt 4-40** | 29 | 133 | 1″1/4 | 1″ |
| **CBI-CBIt 4-50** | 38 | 133 | 1″1/4 | 1″ |
| **CBI-CBIt 4-60** | 46 | 133 | 1″1/4 | 1″ |

| TIPO - *TYPE* | HP | Monofase - *Single-phase* 1 x 230 V | | TIPO - *TYPE* | Trifase - *Three-phase* 3 x 230/400 V | |
|---|---|---|---|---|---|---|
| | | $P_1$ [W] | $I_{1/1}$ [A] | | $P_1$ [W] | $I_{1/1}$ [A] |
| **CBI 4-30** | 0,5 | 820 | 3,5 | **CBIt 4-30** | 770 | 2,3 / 1,3 |
| **CBI 4-40** | 0,75 | 1020 | 4,3 | **CBIt 4-40** | 1000 | 3,1 / 1,8 |
| **CBI 4-50** | 1 | 1220 | 5,4 | **CBIt 4-50** | 1200 | 4,0 / 2,3 |
| **CBI 4-60** | 1,5 | 1450 | 6,2 | **CBIt 4-60** | 1400 | 4,6 / 2,7 |

# HBI 2

WORTEX

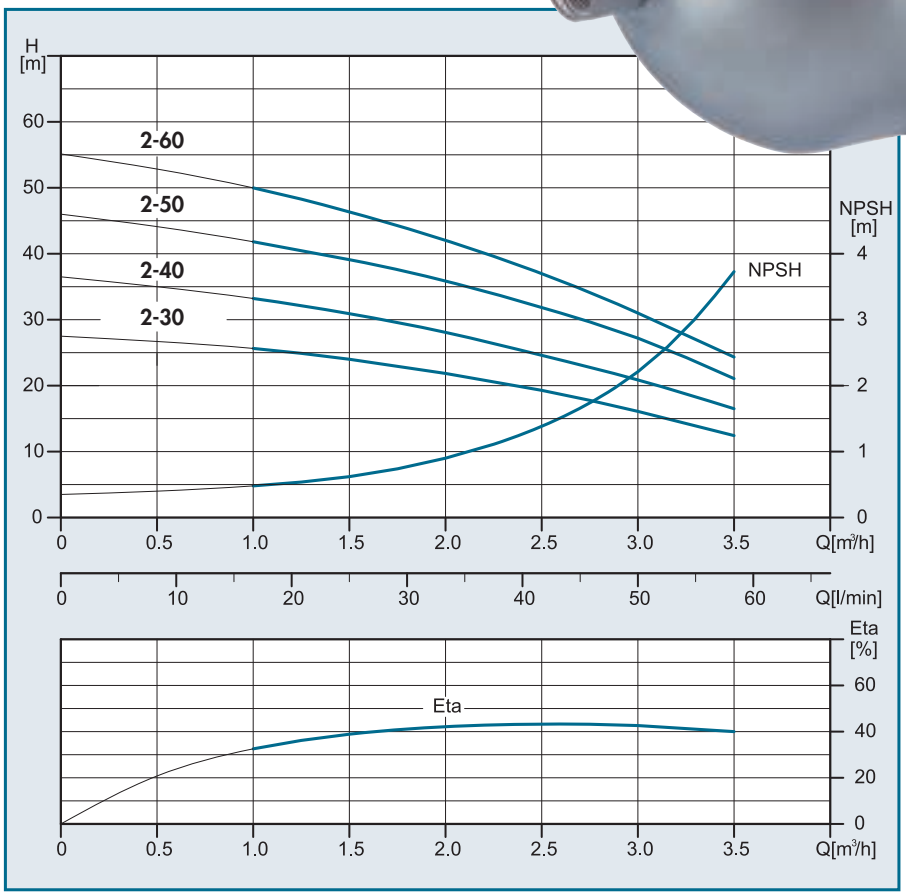
## ELETTROPOMPE ORIZZONTALI CENTRIFUGHE MULTISTADIO

### LIMITI D'IMPIEGO
- Pressione max. d'esercizio: 10 bar
- Temperatura liquido fino a 110°C
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

### MATERIALI

| | |
|---|---|
| - Corpo pompa | Acciaio Inox |
| - Supporto motore | Acciaio Inox |
| - Girante | Acciaio Inox |
| - Diffusori | Acciaio Inox |
| - Albero motore | Acciaio Inox |
| - Tenute meccaniche | Silicio/Carbone |

### MOTORE
- Motore elettrico ad induzione a 2 poli (n = 2850 min-1)
- Isolamento Classe F
- Protezione IP 44




Stainless steel Aisi 304

| TIPO *TYPE* | H max m | Q max l/1' | DNA | DNM |
|---|---|---|---|---|
| **HBI-HBIt 2-30** | 26 | 58 | 1" | 1" |
| **HBI-HBIt 2-40** | 34 | 58 | 1" | 1" |
| **HBI-HBIt 2-50** | 42 | 58 | 1" | 1" |
| **HBI-HBIt 2-60** | 50 | 58 | 1" | 1" |

| TIPO - *TYPE* | HP | Monofase - *Single-phase* 1 x 230 V | | TIPO - *TYPE* | Trifase - *Three-phase* 3 x 230/400 V | |
|---|---|---|---|---|---|---|
| | | $P_1$ [W] | $I_{1/1}$ [A] | | $P_1$ [W] | $I_{1/1}$ [A] |
| **HBI 2-30** | 0,5 | 540 | 2,4 | **HBIt 2-30** | 480 | 1,9 / 1,1 |
| **HBI 2-40** | 0,5 | 630 | 2,8 | **HBIt 2-40** | 620 | 2,0 / 1,2 |
| **HBI 2-50** | 0,75 | 800 | 3,8 | **HBIt 2-50** | 820 | 2,7 / 1,6 |
| **HBI 2-60** | 0,75 | 940 | 4,2 | **HBIt 2-60** | 910 | 2,8 / 1,6 |

# HORIZONTAL MULTISTAGE CENTRIFUGAL PUMPS

## OPERATING CONDITIONS

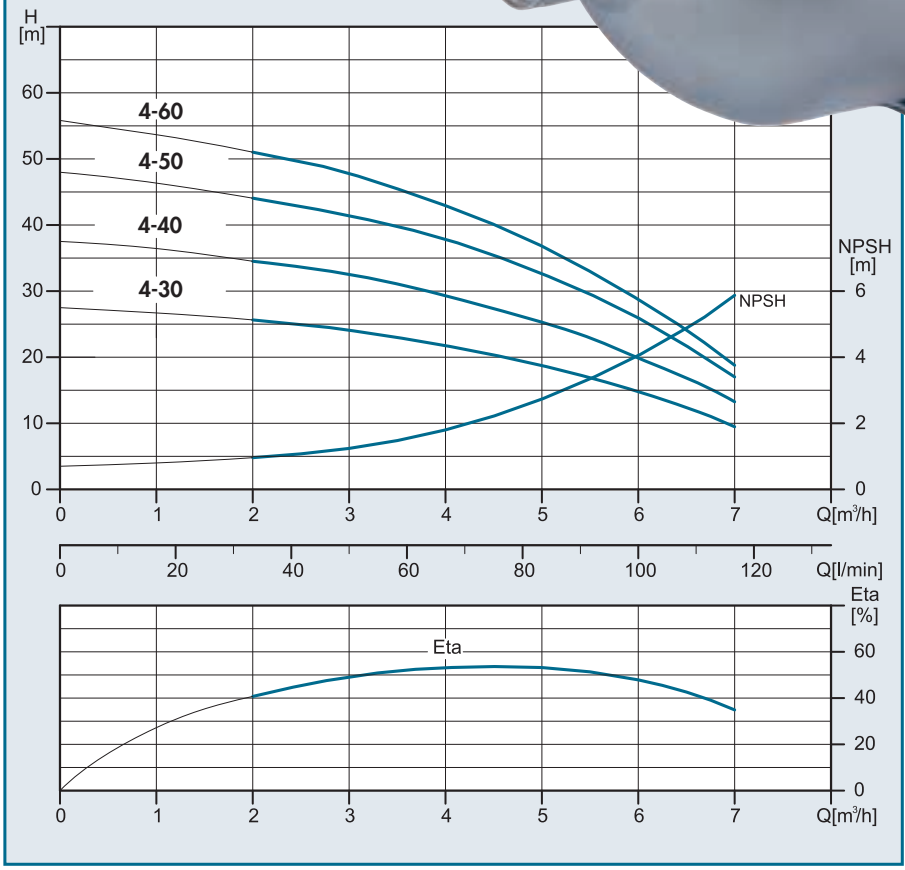
- *Max working pressure: 10 bar*
- *Liquid temperature up to 110°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 7 mt.*
- *Continuous duty*

## MATERIALS

| | |
|---|---|
| - *Pump body* | *Stainless Steel* |
| - *Motor support* | *Stainless Steel* |
| - *Impeller* | *Stainless Steel* |
| - *Diffusers* | *Stainless Steel* |
| - *Shaft with rotor* | *Stainless Steel* |
| - *Mechanical seal* | *Silicon Carbon* |

## MOTOR

- *Two-Pole induction motor (n = 2850 min$^{-1}$)*
- *Insulation Class F*
- *Protection IP 44*




## Stainless steel Aisi 304

| TIPO *TYPE* | H max m | Q max l/1′ | DNA | DNM |
|---|---|---|---|---|
| **HBI-HBIt 4-30** | 26 | 116 | 1″1/4 | 1″ |
| **HBI-HBIt 4-40** | 35 | 116 | 1″1/4 | 1″ |
| **HBI-HBIt 4-50** | 44 | 116 | 1″1/4 | 1″ |
| **HBI-HBIt 4-60** | 52 | 116 | 1″1/4 | 1″ |

| TIPO - *TYPE* | HP | Monofase - *Single-phase* 1 x 230 V | | TIPO - *TYPE* | Trifase - *Three-phase* 3 x 230/400 V | |
|---|---|---|---|---|---|---|
| | | **P1 [W]** | **I1/1 [A]** | | **P1 [W]** | **I1/1 [A]** |
| **HBI 4-30** | 0,5 | 760 | 3,5 | **HBIt 4-30** | 720 | 2,4 / 1,4 |
| **HBI 4-40** | 0,75 | 1000 | 4,8 | **HBIt 4-40** | 980 | 3,2 / 1,8 |
| **HBI 4-50** | 1 | 1220 | 5,7 | **HBIt 4-50** | 1210 | 4,0 / 2,3 |
| **HBI 4-60** | 1,5 | 1410 | 6,4 | **HBIt 4-60** | 1410 | 4,8 / 2,7 |

# SBI 3

WORTEX

## LIMITI D'IMPIEGO
- Temperatura liquido fino da 0°C a 110°C (max)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.

## MOTORE
- Efficienza 1
- Motore elettrico (n = 2900 min-1) IM V1 (IEC 34-7)
- Isolamento Classe F
- Protezione IP 55

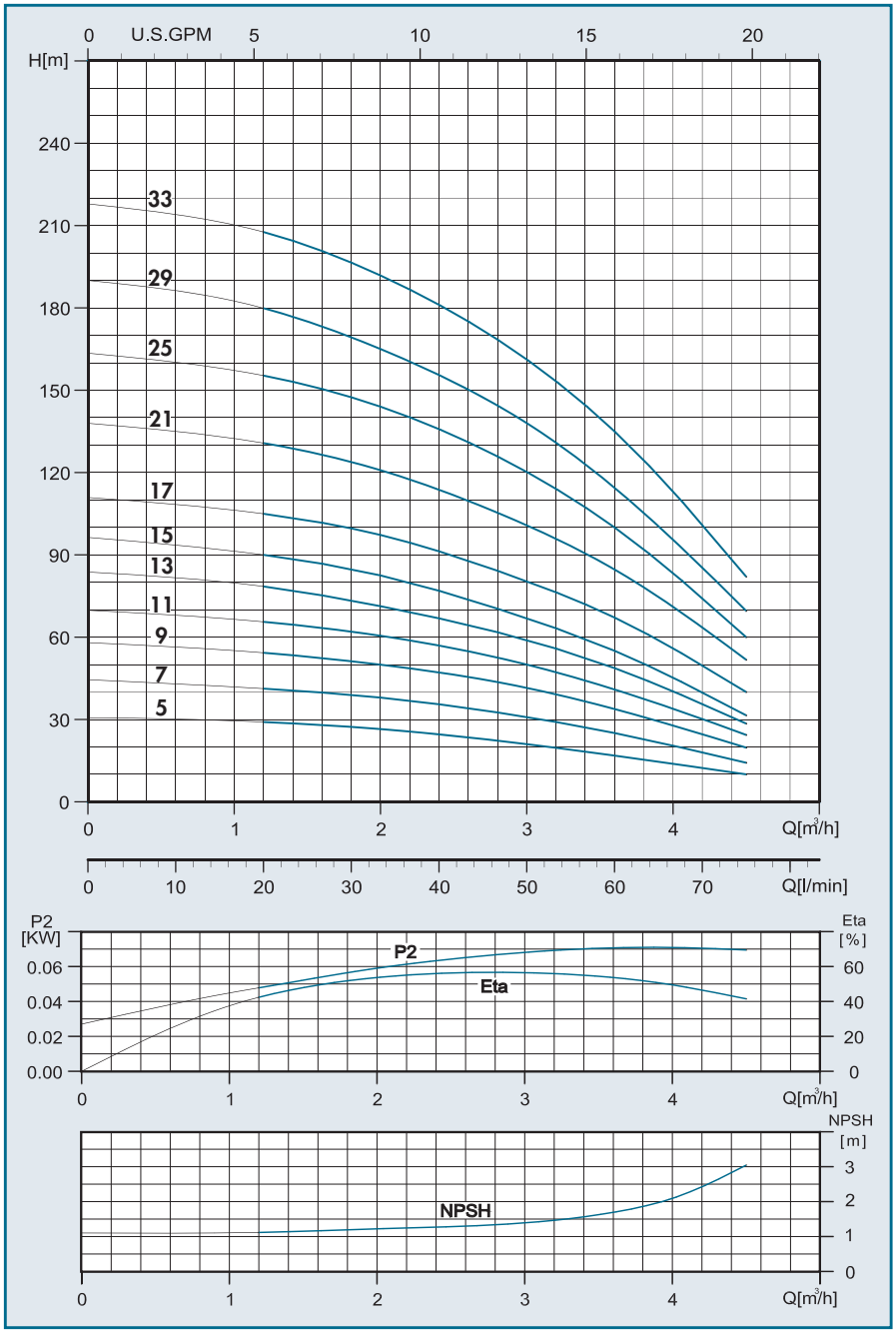
## MATERIALI
| | |
|---|---|
| - Corpo pompa | Acciaio Inox Aisi 304 |
| - Girante | Acciaio Inox Aisi 304 |
| - Camicia pompa | Acciaio Inox Aisi 304 |
| - Controflangia | Ghisa |
| - Supporto motore | Ghisa |
| - Albero motore | Acciaio Inox Aisi 431 |
| - Tenute meccaniche | Sil/Sil |

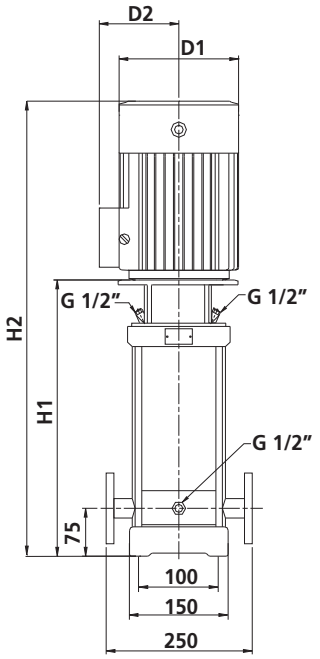
## *OPERATING CONDITIONS*
- *Temperature of liquid from 0°C to 110°C (max)*
- *Ambient temperature max to 40°C*

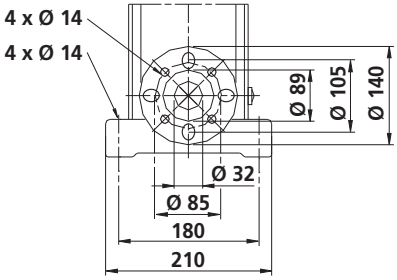
## *MOTOR*
- *Efficiency 1*
- *Electric standard motor (n = 2900 min$^{-1}$) IM V1 (IEC 34-7)*
- *Insulation Class F*
- *Protection IP 55*

## *MATERIALS*
| | |
|---|---|
| - *Pump body* | *Stainless Steel Aisi 304* |
| - *Impeller* | *Stainless Steel Aisi 304* |
| - *External jacket* | *Stainless Steel Aisi 304* |
| - *Counterflanges* | *Cast Iron* |
| - *Motor support* | *Cat Iron* |
| - *Pump shaft* | *Stainless Steel Aisi 431* |
| - *Mechanical seal* | *Sic/Sic* |

| TIPO - *TYPE* | Potenza nominale *Nominal power* | | Q = PORTATA - *CAPACITY* | | | | | | | | DIMENSIONI *DIMENSION* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | m³/h | 0 | 1,2 | 1,5 | 1,8 | 2,4 | 3 | 3,6 | 4,2 | |
| Trifase *Three-phase* | HP | kW | lt/1' | 0 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | |
| | | | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | DNA / DNM |
| **SBI 3 - 5** | 0,5 | 0,37 | H (m) | 30,6 | 29,1 | 28,3 | 27,3 | 24,6 | 21 | 16,8 | 12,3 | 1"1/4 / 1"1/4 |
| **SBI 3 - 7** | 0,75 | 0,55 | | 44,5 | 41, | 40,2 | 39 | 35,5 | 30,9 | 25,1 | 18 | 1"1/4 / 1"1/4 |
| **SBI 3 - 9** | 1 | 0,75 | | 58 | 54,3 | 52,9 | 51,2 | 47,1 | 41,5 | 33,8 | 24,6 | 1"1/4 / 1"1/4 |
| **SBI 3 - 11** | 1,5 | 1,1 | | 69,8 | 65,6 | 64 | 62 | 56,9 | 50 | 40,9 | 30,2 | 1"1/4 / 1"1/4 |
| **SBI 3 - 13** | 1,5 | 1,1 | | 83,7 | 78,5 | 76,1 | 73,3 | 66,8 | 58,9 | 48,7 | 35,6 | 1"1/4 / 1"1/4 |
| **SBI 3 - 15** | 1,5 | 1,1 | | 96,3 | 90 | 87,7 | 84,8 | 76,9 | 66,9 | 55 | 39,9 | 1"1/4 / 1"1/4 |
| **SBI 3 - 17** | 2 | 1,5 | | 110,9 | 105 | 102,6 | 99,6 | 91,3 | 80,4 | 67,1 | 49,7 | 1"1/4 / 1"1/4 |
| **SBI 3 - 21** | 3 | 2,2 | | 137,9 | 130,7 | 127,6 | 123,8 | 113,7 | 100,7 | 84,6 | 63,5 | 1"1/4 / 1"1/4 |
| **SBI 3 - 25** | 3 | 2,2 | | 163,5 | 155,3 | 151,8 | 147,4 | 135,8 | 102,2 | 100 | 74,2 | 1"1/4 / 1"1/4 |
| **SBI 3 - 29** | 3 | 2,2 | | 180 | 179,9 | 175 | 169,3 | 155,5 | 138 | 114,4 | 85,3 | 1"1/4 / 1"1/4 |
| **SBI 3 - 33** | 4 | 3 | | 217,9 | 207,6 | 202,7 | 196,5 | 181,1 | 161,2 | 135 | 101 | 1"1/4 / 1"1/4 |




| TIPO - *TYPE* | DIMENSIONI *DIMENSIONS (mm)* | | | | PESO *WEIGHT (kg)* |
|---|---|---|---|---|---|
| Trifase *Three-phase* | H1 | H2 | D1 | D2 | |
| **SBI 3 - 5** | 318 | 509 | 141 | 109 | 20 |
| **SBI 3 - 7** | 354 | 545 | 141 | 109 | 21 |
| **SBI 3 - 9** | 396 | 627 | 141 | 109 | 24 |
| **SBI 3 - 11** | 432 | 663 | 141 | 109 | 27 |
| **SBI 3 - 13** | 468 | 699 | 141 | 109 | 28 |
| **SBI 3 - 15** | 504 | 735 | 141 | 109 | 29 |
| **SBI 3 - 17** | 556 | 831 | 175 | 140 | 38 |
| **SBI 3 - 21** | 628 | 903 | 175 | 140 | 41,6 |
| **SBI 3 - 25** | 700 | 975 | 175 | 140 | 43,1 |
| **SBI 3 - 29** | 772 | 1047 | 175 | 140 | 44,6 |
| **SBI 3 - 33** | 848 | 1168 | 196 | 148 | 52,5 |

# SBI 5

WORTEX

## LIMITI D'IMPIEGO
- Temperatura liquido fino da 0°C a 110°C (max)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.

## MOTORE
- Efficienza 1
- Motore elettrico (n = 2900 min-1) IM V1 (IEC 34-7)
- Isolamento Classe F
- Protezione IP 55

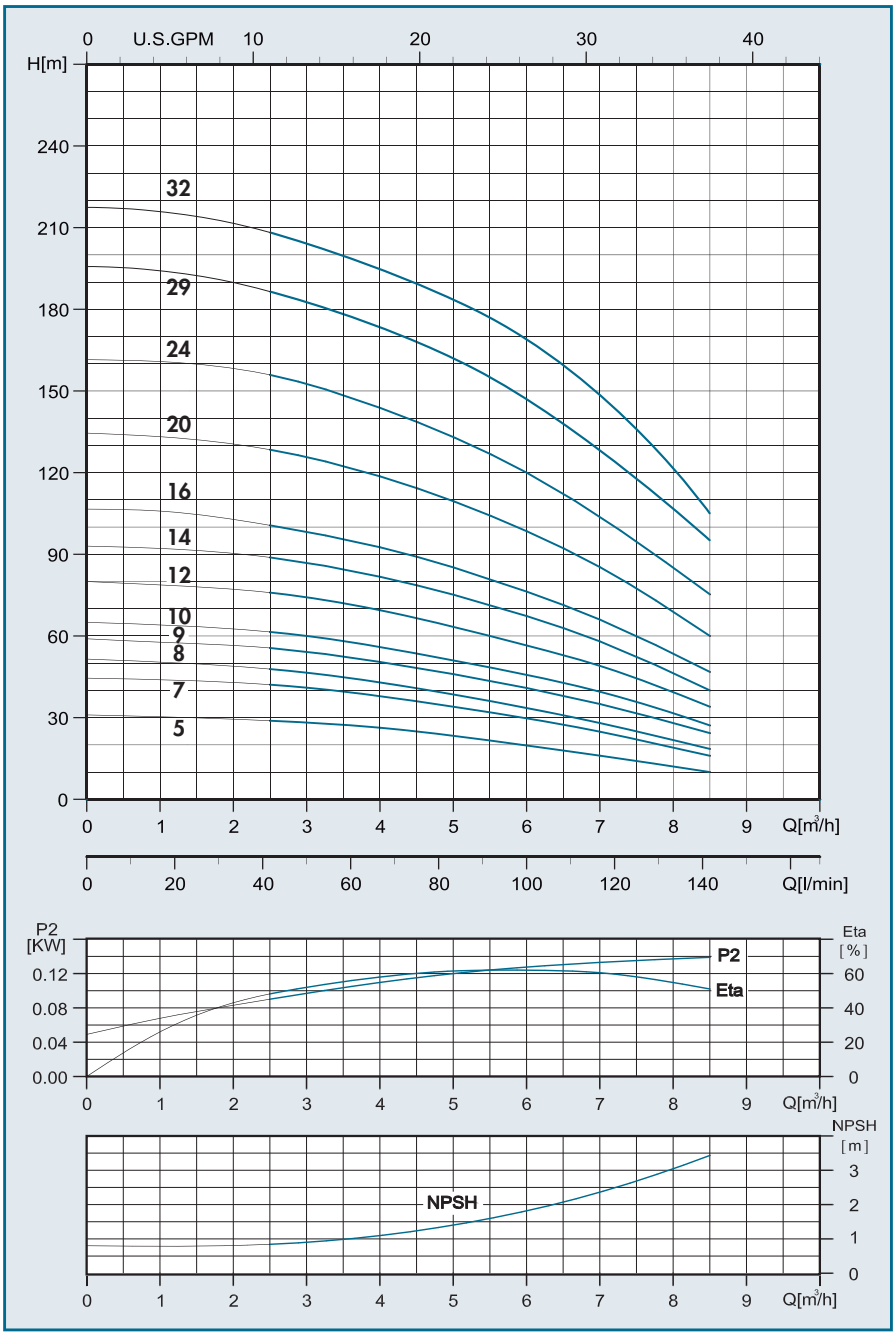
## MATERIALI
- Corpo pompa — Acciaio Inox Aisi 304
- Girante — Acciaio Inox Aisi 304
- Camicia pompa — Acciaio Inox Aisi 304
- Controflangia — Ghisa
- Supporto motore — Ghisa
- Albero motore — Acciaio Inox Aisi 431
- Tenute meccaniche — Sil/Sil

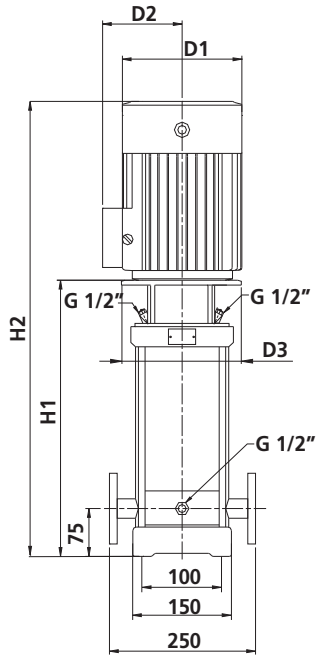
## *OPERATING CONDITIONS*
- *Temperature of liquid from 0°C to 110°C (max)*
- *Ambient temperature max to 40°C*

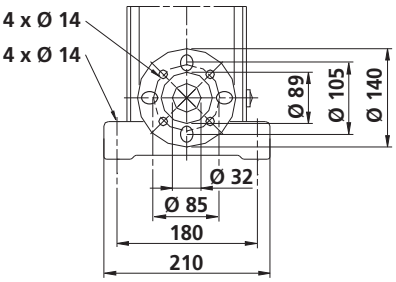
## *MOTOR*
- *Efficiency 1*
- *Electric standard motor ($n = 2900\ min^{-1}$) IM V1 (IEC 34-7)*
- *Insulation Class F*
- *Protection IP 55*

## *MATERIALS*
- *Pump body* — *Stainless Steel Aisi 304*
- *Impeller* — *Stainless Steel Aisi 304*
- *External jacket* — *Stainless Steel Aisi 304*
- *Counterflanges* — *Cast Iron*
- *Motor support* — *Cat Iron*
- *Pump shaft* — *Stainless Steel Aisi 431*
- *Mechanical seal* — *Sic/Sic*

| TIPO - *TYPE* | Potenza nominale *Nominal power* | | Q = PORTATA - *CAPACITY* | | | | | | | | DIMENSIONI *DIMENSION* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | $m^3/h$ | 0 | 2,4 | 3,6 | 4,2 | 6 | 7,2 | 7,8 | 8,4 | |
| Trifase *Three-phase* | HP | kW | lt/1' | 0 | 40 | 60 | 70 | 100 | 120 | 130 | 140 | |
| | | | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | DNA / DNM |
| **SBI 5 - 5** | 1 | 0,75 | H (m) | 31 | 29 | 27,2 | 25,8 | 19,8 | 15,2 | 12,9 | 10,4 | 1"1/4 / 1"1/4 |
| **SBI 5 - 7** | 1,5 | 1,1 | | 44,5 | 42,3 | 39,3 | 37,2 | 29,8 | 23,7 | 20,2 | 16,6 | 1"1/4 / 1"1/4 |
| **SBI 5 - 8** | 1,5 | 1,1 | | 51,5 | 48,1 | 44,5 | 42,1 | 33,5 | 26,8 | 23 | 19,2 | 1"1/4 / 1"1/4 |
| **SBI 5 - 9** | 2 | 1,5 | | 59 | 55,8 | 52,1 | 49,6 | 40,9 | 33,7 | 29,5 | 25,1 | 1"1/4 / 1"1/4 |
| **SBI 5 - 10** | 2 | 1,5 | | 65 | 61,7 | 57,7 | 55 | 45,7 | 38,1 | 33,3 | 28 | 1"1/4 / 1"1/4 |
| **SBI 5 - 12** | 3 | 2,2 | | 80 | 76,2 | 71,5 | 68,3 | 56,5 | 47,2 | 41,1 | 35,1 | 1"1/4 / 1"1/4 |
| **SBI 5 - 14** | 3 | 2,2 | | 93 | 89,2 | 84 | 80,5 | 67,3 | 55,8 | 48,8 | 41,3 | 1"1/4 / 1"1/4 |
| **SBI 5 - 16** | 3 | 2,2 | | 106,6 | 101,1 | 95 | 91,2 | 76,3 | 63,7 | 56,2 | 48,1 | 1"1/4 / 1"1/4 |
| **SBI 5 - 20** | 4 | 3 | | 134,5 | 128,9 | 121,7 | 117 | 98,5 | 82,3 | 72,4 | 61,8 | 1"1/4 / 1"1/4 |
| **SBI 5 - 24** | 5,5 | 4 | | 161,5 | 156,4 | 147,6 | 141,8 | 120 | 100,2 | 88,9 | 77,2 | 1"1/4 / 1"1/4 |
| **SBI 5 - 29** | 5,5 | 4 | | 196,3 | 189,3 | 180 | 173,4 | 147,7 | 123,5 | 110,3 | 96,9 | 1"1/4 / 1"1/4 |
| **SBI 5 - 32** | 7,5 | 5,5 | | 217 | 210 | 199,2 | 191,6 | 160,9 | 135,7 | 121,4 | 106,4 | 1"1/4 / 1"1/4 |




| TIPO - *TYPE* | DIMENSIONI *DIMENSIONS (mm)* | | | | | PESO *WEIGHT (kg)* |
|---|---|---|---|---|---|---|
| Trifase *Three-phase* | H1 | H2 | D1 | D2 | D3 | |
| **SBI 5 - 5** | 369 | 600 | 141 | 109 | - | 25 |
| **SBI 5 - 7** | 423 | 654 | 141 | 109 | - | 28 |
| **SBI 5 - 8** | 450 | 681 | 141 | 109 | - | 29 |
| **SBI 5 - 9** | 493 | 768 | 175 | 140 | - | 36,5 |
| **SBI 5 - 10** | 520 | 795 | 175 | 140 | - | 37,1 |
| **SBI 5 - 12** | 574 | 849 | 175 | 140 | - | 40,2 |
| **SBI 5 - 14** | 628 | 903 | 175 | 140 | - | 41,3 |
| **SBI 5 - 16** | 682 | 957 | 175 | 140 | - | 42,5 |
| **SBI 5 - 20** | 794 | 1114 | 196 | 148 | - | 51,2 |
| **SBI 5 - 24** | 902 | 1237 | 219 | 162 | - | 60,5 |
| **SBI 5 - 29** | 1037 | 1372 | 219 | 162 | - | 63,4 |
| **SBI 5 - 32** | 1148 | 1508 | 234 | 199 | 300 | 83,7 |

# SBI 10

## LIMITI D'IMPIEGO
- Temperatura liquido fino da 0°C a 110°C (max)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.

## MOTORE
- Efficienza 1
- Motore elettrico (n = 2900 min-1) IM V1 (IEC 34-7)
- Isolamento Classe F
- Protezione IP 55

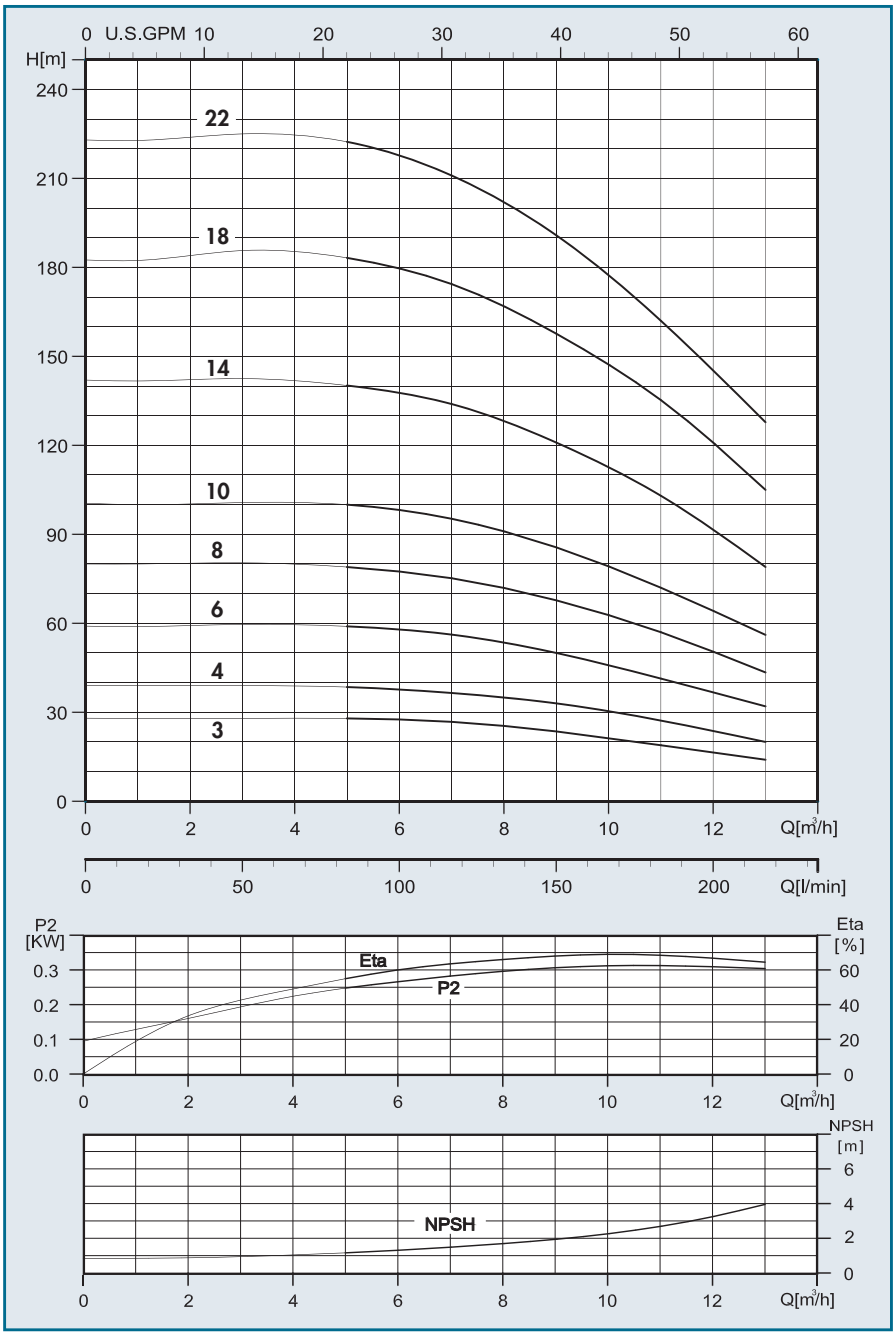
## MATERIALI
| | |
|---|---|
| - Corpo pompa | Acciaio Inox Aisi 304 |
| - Girante | Acciaio Inox Aisi 304 |
| - Camicia pompa | Acciaio Inox Aisi 304 |
| - Controflangia | Ghisa |
| - Supporto motore | Ghisa |
| - Albero motore | Acciaio Inox Aisi 431 |
| - Tenute meccaniche | Sil/Sil |

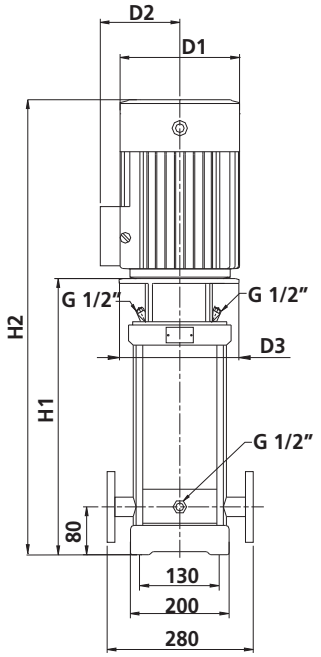
## *OPERATING CONDITIONS*
- *Temperature of liquid from 0°C to 110°C (max)*
- *Ambient temperature max to 40°C*

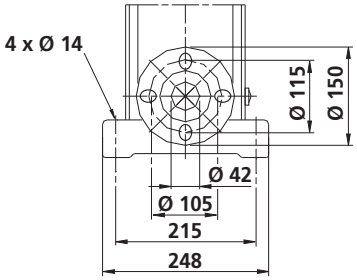
## *MOTOR*
- *Efficiency 1*
- *Electric standard motor (n = 2900 min$^{-1}$) IM V1 (IEC 34-7)*
- *Insulation Class F*
- *Protection IP 55*

## *MATERIALS*
| | |
|---|---|
| - *Pump body* | *Stainless Steel Aisi 304* |
| - *Impeller* | *Stainless Steel Aisi 304* |
| - *External jacket* | *Stainless Steel Aisi 304* |
| - *Counterflanges* | *Cast Iron* |
| - *Motor support* | *Cat Iron* |
| - *Pump shaft* | *Stainless Steel Aisi 431* |
| - *Mechanical seal* | *Sic/Sic* |

| TIPO - *TYPE* | Potenza nominale *Nominal power* | | Q = PORTATA - *CAPACITY* | | | | | | | | DIMENSIONI *DIMENSION* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | $m^3/h$ | 0 | 2,4 | 6 | 7,2 | 7,8 | 9 | 10,8 | 12 | |
| Trifase *Three-phase* | HP | kW | lt/1' | 0 | 40 | 100 | 120 | 130 | 150 | 180 | 200 | |
| | | | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | DNA / DNM |
| **SBI 10 - 3** | 1,5 | 1,1 | H (m) | 28 | | 27,6 | 26,5 | 25,4 | 23,5 | 19,4 | 16,4 | 1"1/2 / 1"1/2 |
| **SBI 10 - 4** | 2 | 1,5 | | 39 | | 37,7 | 36,2 | 35 | 33 | 27,9 | 23,7 | 1"1/2 / 1"1/2 |
| **SBI 10 - 6** | 3 | 2,2 | | 59 | | 57,9 | 55,7 | 53,6 | 50 | 42,3 | 36,7 | 1"1/2 / 1"1/2 |
| **SBI 10 - 8** | 4 | 3 | | 80 | | 77,5 | 74,6 | 72 | 67,7 | 58,2 | 50,4 | 1"1/2 / 1"1/2 |
| **SBI 10 - 10** | 5,5 | 4 | | 100,5 | | 98,2 | 94,5 | 91,1 | 85,6 | 73,5 | 64,2 | 1"1/2 / 1"1/2 |
| **SBI 10 - 14** | 7,5 | 5,5 | | 142 | | 137,7 | 132,9 | 128,3 | 120,9 | 105,11 | 91,6 | 1"1/2 / 1"1/2 |
| **SBI 10 - 18** | 10 | 7,5 | | 182,5 | | 179,7 | 173,1 | 167,1 | 157,6 | 137,8 | 120,9 | 1"1/2 / 1"1/2 |
| **SBI 10 - 22** | 10 | 7,5 | | 223 | | 217,8 | 209,3 | 202,2 | 190,8 | 165,2 | 145,3 | 1"1/2 / 1"1/2 |




| TIPO - *TYPE* | DIMENSIONI *DIMENSIONS (mm)* | | | | | PESO *WEIGHT (kg)* |
|---|---|---|---|---|---|---|
| Trifase *Three-phase* | H1 | H2 | D1 | D2 | D3 | |
| **SBI 10 - 3** | 387 | 618 | 141 | 109 | - | 38 |
| **SBI 10 - 4** | 433 | 708 | 175 | 140 | - | 47,1 |
| **SBI 10 - 6** | 493 | 768 | 175 | 140 | - | 51,1 |
| **SBI 10 - 8** | 558 | 878 | 196 | 148 | - | 59 |
| **SBI 10 - 10** | 618 | 953 | 219 | 162 | - | 68 |
| **SBI 10 - 14** | 770 | 1130 | 234 | 199 | 300 | 96,9 |
| **SBI 10 - 18** | 890 | 1290 | 234 | 199 | 300 | 110 |
| **SBI 10 - 22** | 1010 | 1410 | 234 | 199 | 300 | 114,1 |

# SBI 15

WORTEX

## LIMITI D'IMPIEGO
- Temperatura liquido fino da 0°C a 110°C (max)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.

## MOTORE
- Efficienza 1
- Motore elettrico (n = 2900 min-1) IM V1 (IEC 34-7)
- Isolamento Classe F
- Protezione IP 55

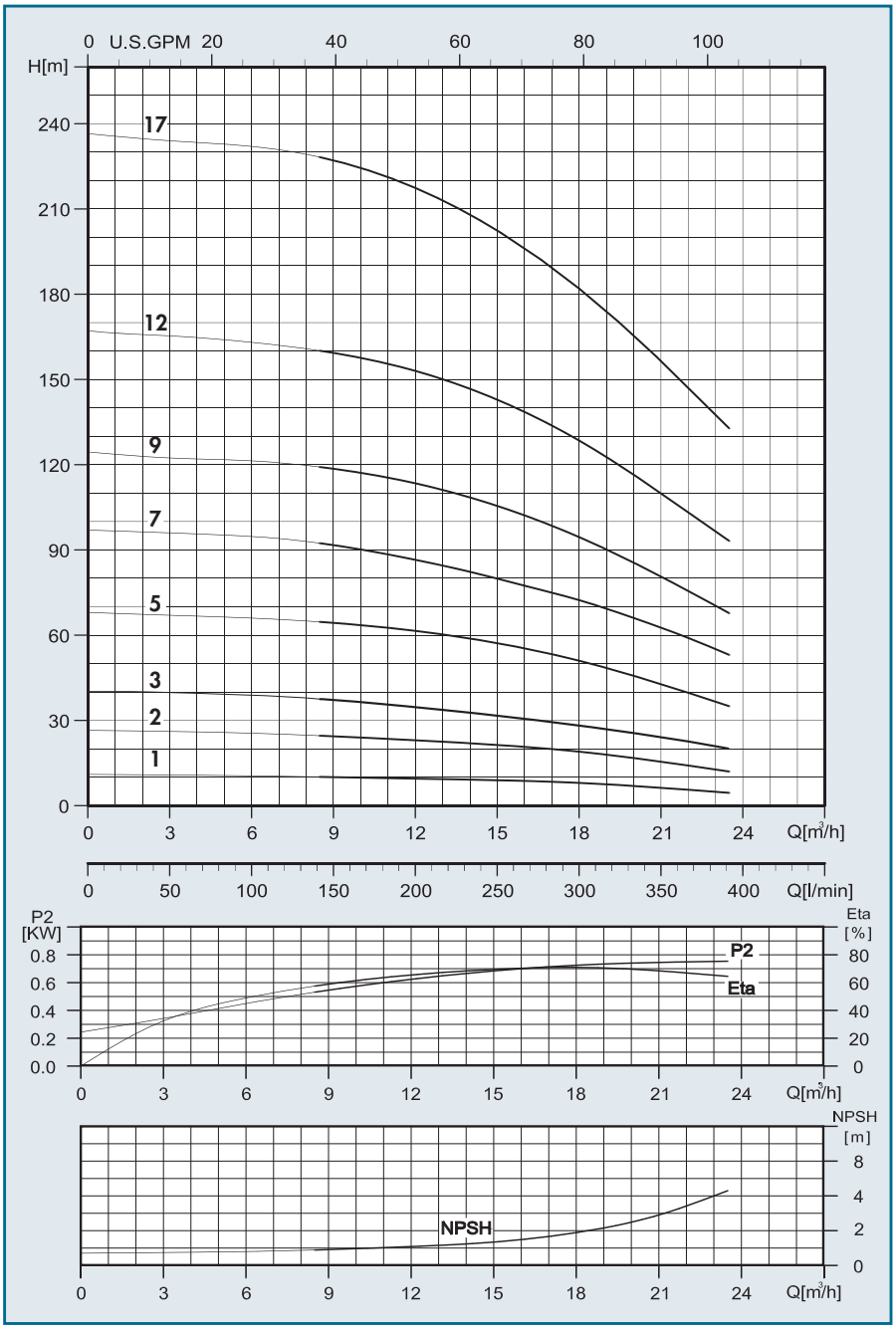
## MATERIALI
| | |
|---|---|
| - Corpo pompa | Acciaio Inox Aisi 304 |
| - Girante | Acciaio Inox Aisi 304 |
| - Camicia pompa | Acciaio Inox Aisi 304 |
| - Controflangia | Ghisa |
| - Supporto motore | Ghisa |
| - Albero motore | Acciaio Inox Aisi 431 |
| - Tenute meccaniche | Sil/Sil |

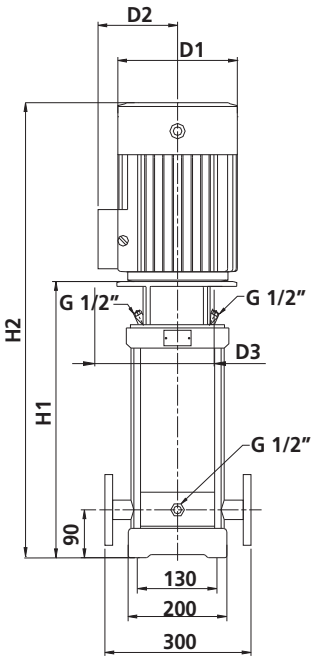
## *OPERATING CONDITIONS*
- *Temperature of liquid from 0°C to 110°C (max)*
- *Ambient temperature max to 40°C*

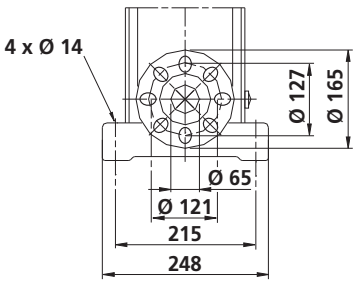
## *MOTOR*
- *Efficiency 1*
- *Electric standard motor ($n = 2900\ min^{-1}$) IM V1 (IEC 34-7)*
- *Insulation Class F*
- *Protection IP 55*

## *MATERIALS*
| | |
|---|---|
| - *Pump body* | *Stainless Steel Aisi 304* |
| - *Impeller* | *Stainless Steel Aisi 304* |
| - *External jacket* | *Stainless Steel Aisi 304* |
| - *Counterflanges* | *Cast Iron* |
| - *Motor support* | *Cat Iron* |
| - *Pump shaft* | *Stainless Steel Aisi 431* |
| - *Mechanical seal* | *Sic/Sic* |

| TIPO - *TYPE* | Potenza nominale *Nominal power* | | Q = PORTATA - *CAPACITY* | | | | | | | | DIMENSIONI *DIMENSION* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | $m^3/h$ | 0 | 9 | 10,8 | 12 | 14,4 | 16,2 | 18 | 21 | |
| Trifase *Three-phase* | HP | kW | lt/1' | 0 | 150 | 180 | 200 | 240 | 270 | 300 | 350 | |
| | | | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | DNA / DNM |
| **SBI 15 - 1** | 1,5 | 1,1 | H (m) | 11 | 10 | 9,7 | 9,5 | 9,2 | 8,7 | 8 | 6,3 | 2" / 2" |
| **SBI 15 - 2** | 3 | 2,2 | | 26,5 | 24,4 | 23,6 | 23 | 22 | 20,7 | 19 | 15,5 | 2" / 2" |
| **SBI 15 - 3** | 4 | 3 | | 40,5 | 37,4 | 36 | 35 | 33,3 | 31,4 | 29 | 24,4 | 2" / 2" |
| **SBI 15 - 5** | 5,5 | 4 | | 68 | 64,3 | 62,8 | 61,5 | 58,8 | 55,4 | 51 | 42,8 | 2" / 2" |
| **SBI 15 - 7** | 7,5 | 5,5 | | 97 | 92,4 | 90 | 88 | 84,2 | 80 | 74 | 63,7 | 2" / 2" |
| **SBI 15 - 9** | 10 | 7,5 | | 124,5 | 118,6 | 115,8 | 113,4 | 108,5 | 102,2 | 94,5 | 80,6 | 2" / 2" |
| **SBI 15 - 12** | 15 | 11 | | 167,2 | 159,3 | 155,9 | 153 | 146,7 | 138,6 | 128,5 | 109,9 | 2" / 2" |
| **SBI 15 - 17** | 20 | 15 | | 236,5 | 227,1 | 221,9 | 217,4 | 208 | 196,2 | 182 | 156,5 | 2" / 2" |




| TIPO - *TYPE* | DIMENSIONI *DIMENSIONS (mm)* | | | | | PESO *WEIGHT (kg)* |
|---|---|---|---|---|---|---|
| Trifase *Three-phase* | H1 | H2 | D1 | D2 | D3 | |
| **SBI 15 - 1** | 397 | 628 | 141 | 109 | - | 42 |
| **SBI 15 - 2** | 413 | 688 | 175 | 140 | - | 48,8 |
| **SBI 15 - 3** | 463 | 783 | 196 | 148 | - | 56 |
| **SBI 15 - 5** | 553 | 888 | 219 | 162 | - | 65,8 |
| **SBI 15 - 7** | 675 | 1035 | 234 | 199 | 300 | 93,5 |
| **SBI 15 - 9** | 765 | 1165 | 234 | 199 | 300 | 105,3 |
| **SBI 15 - 12** | 977 | 1422 | 268 | 215 | 350 | 139,7 |
| **SBI 15 - 17** | 1202 | 1691 | 268 | 215 | 350 | 157,7 |

# SBI 20

## LIMITI D'IMPIEGO
- Temperatura liquido fino da 0°C a 110°C (max)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.

## MOTORE
- Efficienza 1
- Motore elettrico (n = 2900 min-1) IM V1 (IEC 34-7)
- Isolamento Classe F
- Protezione IP 55

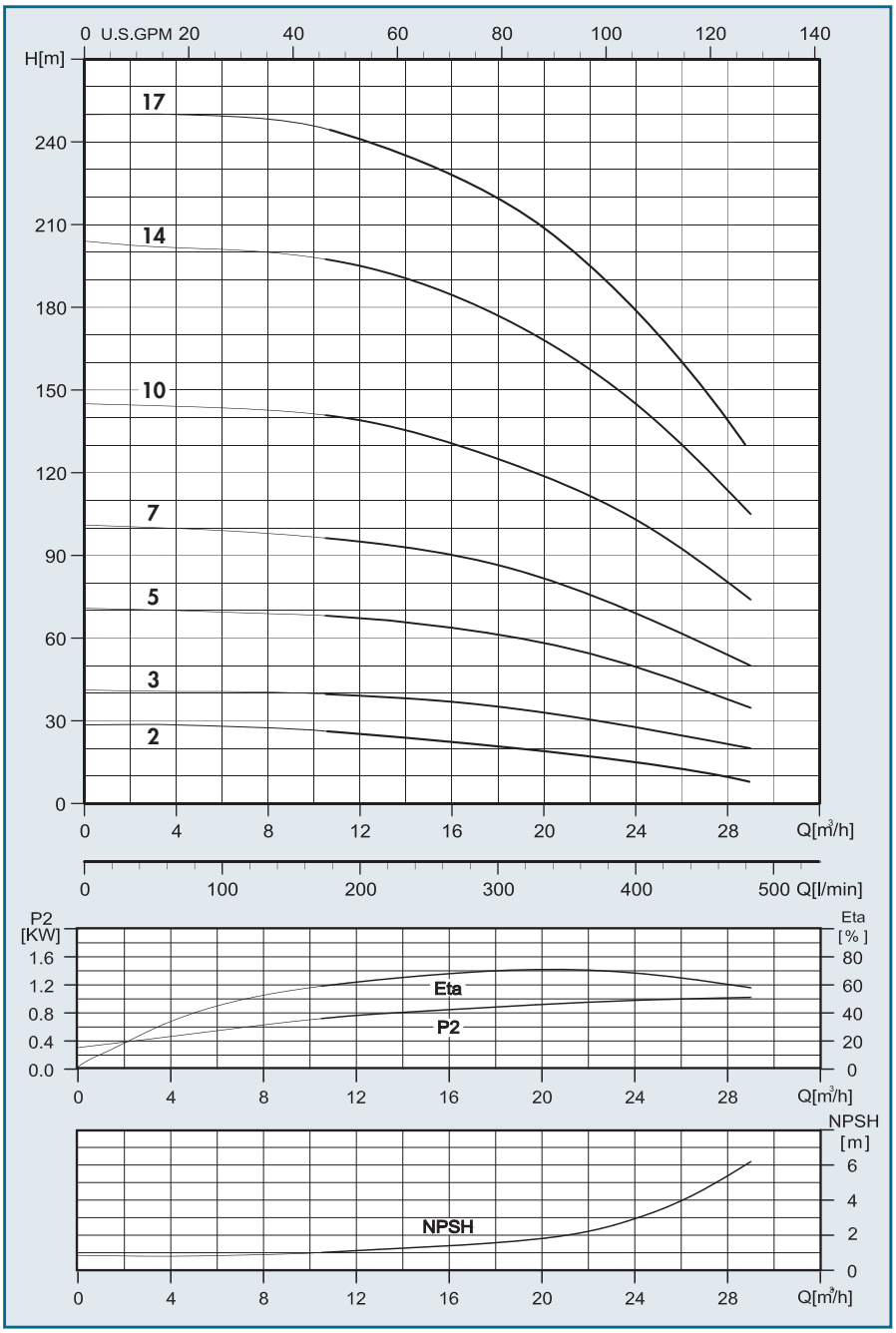
## MATERIALI
| | |
|---|---|
| - Corpo pompa | Acciaio Inox Aisi 304 |
| - Girante | Acciaio Inox Aisi 304 |
| - Camicia pompa | Acciaio Inox Aisi 304 |
| - Controflangia | Ghisa |
| - Supporto motore | Ghisa |
| - Albero motore | Acciaio Inox Aisi 431 |
| - Tenute meccaniche | Sil/Sil |

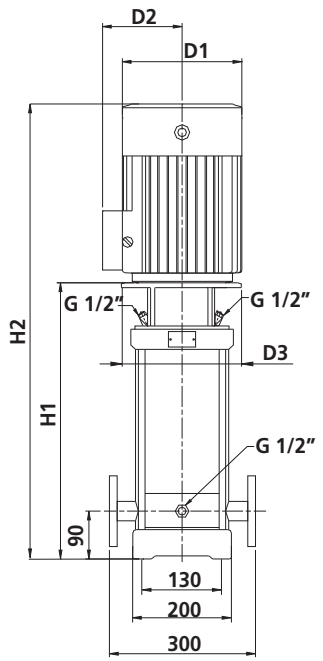
## *OPERATING CONDITIONS*
- *Temperature of liquid from 0°C to 110°C (max)*
- *Ambient temperature max to 40°C*

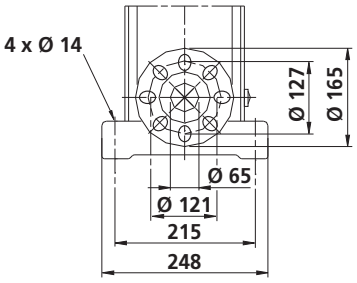
## *MOTOR*
- *Efficiency 1*
- *Electric standard motor (n = 2900 min$^{-1}$) IM V1 (IEC 34-7)*
- *Insulation Class F*
- *Protection IP 55*

## *MATERIALS*
| | |
|---|---|
| - *Pump body* | *Stainless Steel Aisi 304* |
| - *Impeller* | *Stainless Steel Aisi 304* |
| - *External jacket* | *Stainless Steel Aisi 304* |
| - *Counterflanges* | *Cast Iron* |
| - *Motor support* | *Cat Iron* |
| - *Pump shaft* | *Stainless Steel Aisi 431* |
| - *Mechanical seal* | *Sic/Sic* |

| TIPO - *TYPE* | Potenza nominale *Nominal power* | | Q = PORTATA - *CAPACITY* | | | | | | | | DIMENSIONI *DIMENSION* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | m³/h | 0 | 12 | 14,4 | 16,2 | 18 | 21 | 24 | 27 | |
| Trifase *Three-phase* | HP | kW | lt/1' | 0 | 200 | 240 | 270 | 300 | 350 | 400 | 450 | |
| | | | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | DNA / DNM |
| **SBI 20 - 2** | 3 | 2,2 | H (m) | 27,5 | 25,3 | 24,4 | 23,3 | 22,2 | 20,2 | 17,2 | 13,4 | 2" / 2" |
| **SBI 20 - 3** | 5,5 | 4 | | 41,2 | 39,1 | 38,1 | 36,9 | 35,1 | 31,8 | 27,7 | 23,1 | 2" / 2" |
| **SBI 20 - 5** | 7,5 | 5,5 | | 70,8 | 67,3 | 65,8 | 63,7 | 61,3 | 56,4 | 49,6 | 41 | 2" / 2" |
| **SBI 20 - 7** | 10 | 7,5 | | 101 | 95 | 92,9 | 90,2 | 86,5 | 78,8 | 69 | 57,8 | 2" / 2" |
| **SBI 20 - 10** | 15 | 11 | | 145 | 139 | 135,4 | 130,6 | 125 | 115,3 | 103 | 86,5 | 2" / 2" |
| **SBI 20 - 14** | 20 | 15 | | 204 | 195 | 190,5 | 184,5 | 177 | 163 | 145 | 122,1 | 2" / 2" |
| **SBI 20 - 17** | 25 | 18,5 | | 250 | 238,7 | 233,3 | 226,4 | 217,8 | 201,2 | 179 | 150,8 | 2" / 2" |




| TIPO - *TYPE* | DIMENSIONI *DIMENSIONS* (mm) | | | | | PESO *WEIGHT* (kg) |
|---|---|---|---|---|---|---|
| Trifase *Three-phase* | H1 | H2 | D1 | D2 | D3 | |
| **SBI 20 - 2** | 413 | 688 | 175 | 140 | - | 48,8 |
| **SBI 20 - 3** | 463 | 798 | 219 | 162 | - | 63 |
| **SBI 20 - 5** | 585 | 945 | 234 | 199 | 300 | 90,7 |
| **SBI 20 - 7** | 675 | 1075 | 234 | 199 | 300 | 102,5 |
| **SBI 20 - 10** | 887 | 1332 | 265 | 215 | 350 | 136,9 |
| **SBI 20 - 14** | 1067 | 1556 | 265 | 215 | 350 | 153,5 |
| **SBI 20 - 17** | 1202 | 1737 | 317 | 242 | 350 | 192,7 |

# SBI 32

WORTEX

## LIMITI D'IMPIEGO
- Temperatura liquido fino da 0°C a 110°C (max)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.

## MOTORE
- Efficienza 1
- Motore elettrico (n = 2900 min-1) IM V1 (IEC 34-7)
- Isolamento Classe F
- Protezione IP 55

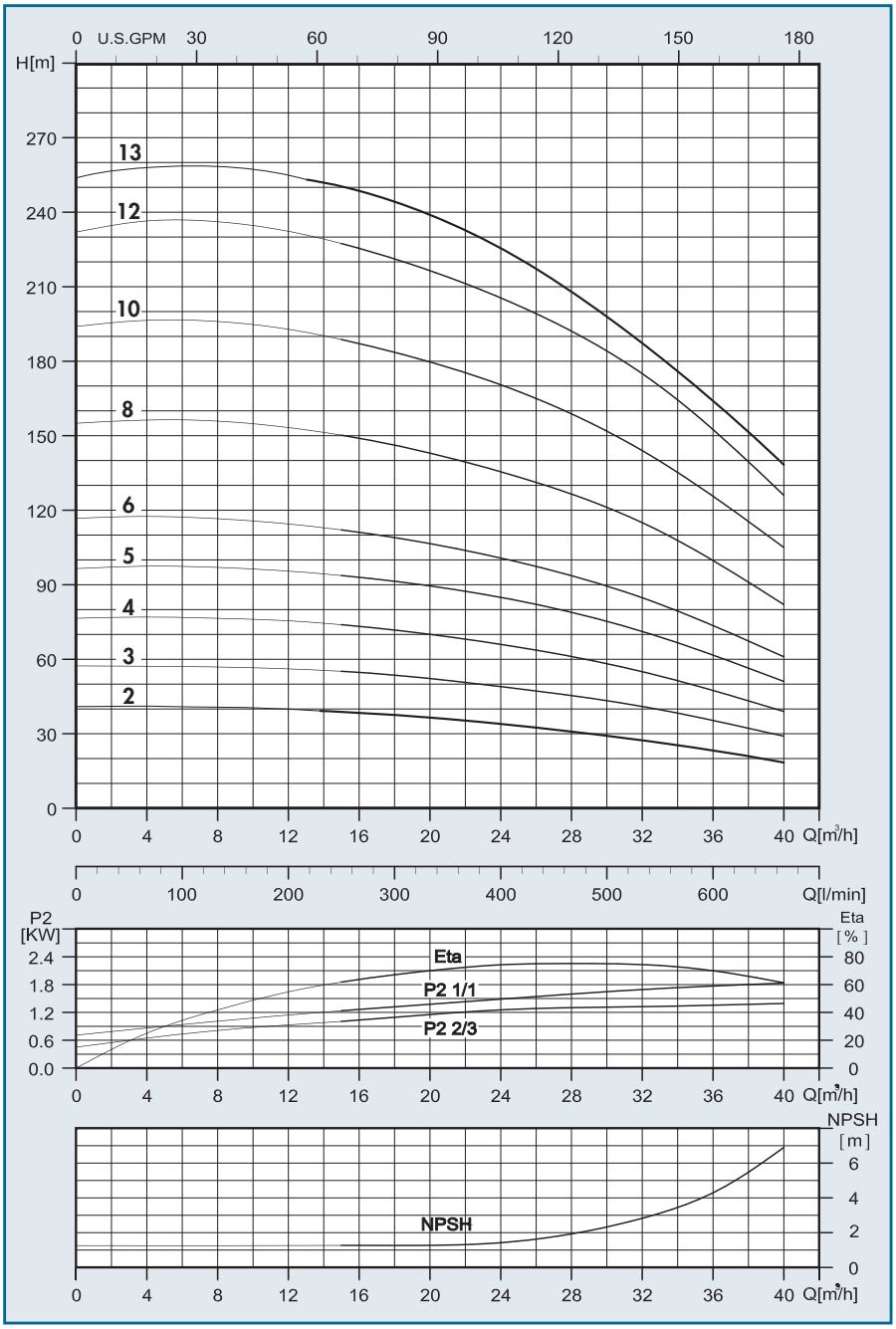
## MATERIALI
| | |
|---|---|
| - Corpo pompa | Acciaio Inox Aisi 304 |
| - Girante | Acciaio Inox Aisi 304 |
| - Camicia pompa | Acciaio Inox Aisi 304 |
| - Controflangia | Ghisa |
| - Supporto motore | Ghisa |
| - Albero motore | Acciaio Inox Aisi 431 |
| - Tenute meccaniche | Sil/Sil |

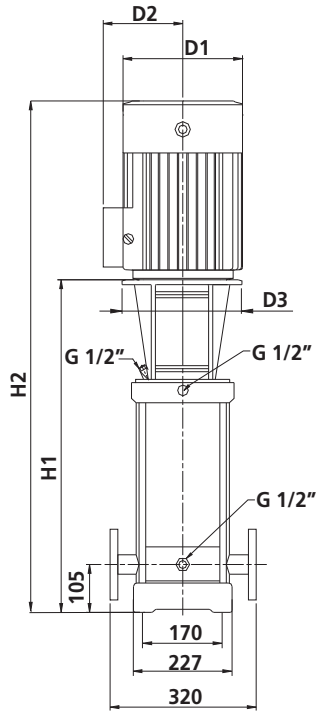
## *OPERATING CONDITIONS*
- *Temperature of liquid from 0°C to 110°C (max)*
- *Ambient temperature max to 40°C*

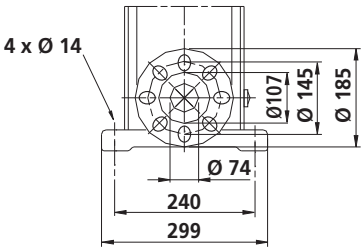
## *MOTOR*
- *Efficiency 1*
- *Electric standard motor (n = 2900 min$^{-1}$) IM V1 (IEC 34-7)*
- *Insulation Class F*
- *Protection IP 55*

## *MATERIALS*
| | |
|---|---|
| - *Pump body* | *Stainless Steel Aisi 304* |
| - *Impeller* | *Stainless Steel Aisi 304* |
| - *External jacket* | *Stainless Steel Aisi 304* |
| - *Counterflanges* | *Cast Iron* |
| - *Motor support* | *Cat Iron* |
| - *Pump shaft* | *Stainless Steel Aisi 431* |
| - *Mechanical seal* | *Sic/Sic* |

| TIPO - *TYPE* | Potenza nominale *Nominal power* | | Q = PORTATA - *CAPACITY* | | | | | | | | DIMENSIONI *DIMENSION* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | $m^3/h$ | 0 | 16,2 | 18 | 24 | 27 | 30 | 33 | 36 | |
| Trifase *Three-phase* | HP | kW | lt/1' | 0 | 270 | 300 | 400 | 450 | 500 | 550 | 600 | |
| | | | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | DNA / DNM |
| **SBI 32 - 2** | 5,5 | 4 | H (m) | 39,1 | 36,2 | 35,5 | 32,8 | 31 | 28,8 | 23 | 26,2 | 2"1/2 / 2"1/2 |
| **SBI 32 - 3** | 7,5 | 5,5 | | 57,3 | 54,7 | 53,6 | 49 | 46,4 | 43,3 | 35,4 | 39,7 | 2"1/2 / 2"1/2 |
| **SBI 32 - 4** | 10 | 7,5 | | 76,5 | 73,3 | 71,7 | 66 | 62,4 | 58,2 | 47,4 | 53,2 | 2"1/2 / 2"1/2 |
| **SBI 32 - 5** | 15 | 11 | | 96,5 | 93 | 91,4 | 84,9 | 80,5 | 75,3 | 61,7 | 69 | 2"1/2 / 2"1/2 |
| **SBI 32 - 6** | 15 | 11 | | 116,7 | 111,1 | 109 | 100,8 | 95,6 | 89,5 | 73,6 | 82,2 | 2"1/2 / 2"1/2 |
| **SBI 32 - 8** | 20 | 15 | | 155 | 149 | 146,2 | 135,5 | 108,9 | 121,2 | 99,8 | 111,5 | 2"1/2 / 2"1/2 |
| **SBI 32 - 10** | 25 | 18,5 | | 194 | 187,1 | 183,6 | 170,5 | 162 | 151,8 | 125,7 | 139,7 | 2"1/2 / 2"1/2 |
| **SBI 32 - 12** | 30 | 22 | | 232 | 225,4 | 221,2 | 205,5 | 195,7 | 184,1 | 152,5 | 169,9 | 2"1/2 / 2"1/2 |
| **SBI 32 - 13** | 40 | 30 | | 254 | 247,3 | 242,9 | 226 | 215,2 | 202,4 | 169 | 187,1 | 2"1/2 / 2"1/2 |




| TIPO - *TYPE* | DIMENSIONI *DIMENSIONS (mm)* | | | | | PESO *WEIGHT (kg)* |
|---|---|---|---|---|---|---|
| Trifase *Three-phase* | H1 | H2 | D1 | D2 | D3 | |
| **SBI 32 - 2** | 574 | 909 | 219 | 162 | 280 | 82,6 |
| **SBI 32 - 3** | 644 | 1004 | 234 | 199 | 300 | 99,5 |
| **SBI 32 - 4** | 714 | 1114 | 234 | 199 | 300 | 111,6 |
| **SBI 32 - 5** | 894 | 1294 | 268 | 215 | 350 | 148,2 |
| **SBI 32 - 6** | 964 | 1409 | 268 | 215 | 350 | 151,2 |
| **SBI 32 - 8** | 1104 | 1593 | 268 | 215 | 350 | 168,4 |
| **SBI 32 - 10** | 1244 | 1779 | 317 | 242 | 350 | 208,7 |
| **SBI 32 - 12** | 1384 | 1963 | 317 | 242 | 400 | 224,6 |
| **SBI 32 - 13** | 1454 | 2077 | 317 | 290 | 400 | 312,5 |

# SBI 45

WORTEX

## LIMITI D'IMPIEGO
- Temperatura liquido fino da 0°C a 110°C (max)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.

## MOTORE
- Efficienza 1
- Motore elettrico (n = 2900 min-1) IM V1 (IEC 34-7)
- Isolamento Classe F
- Protezione IP 55

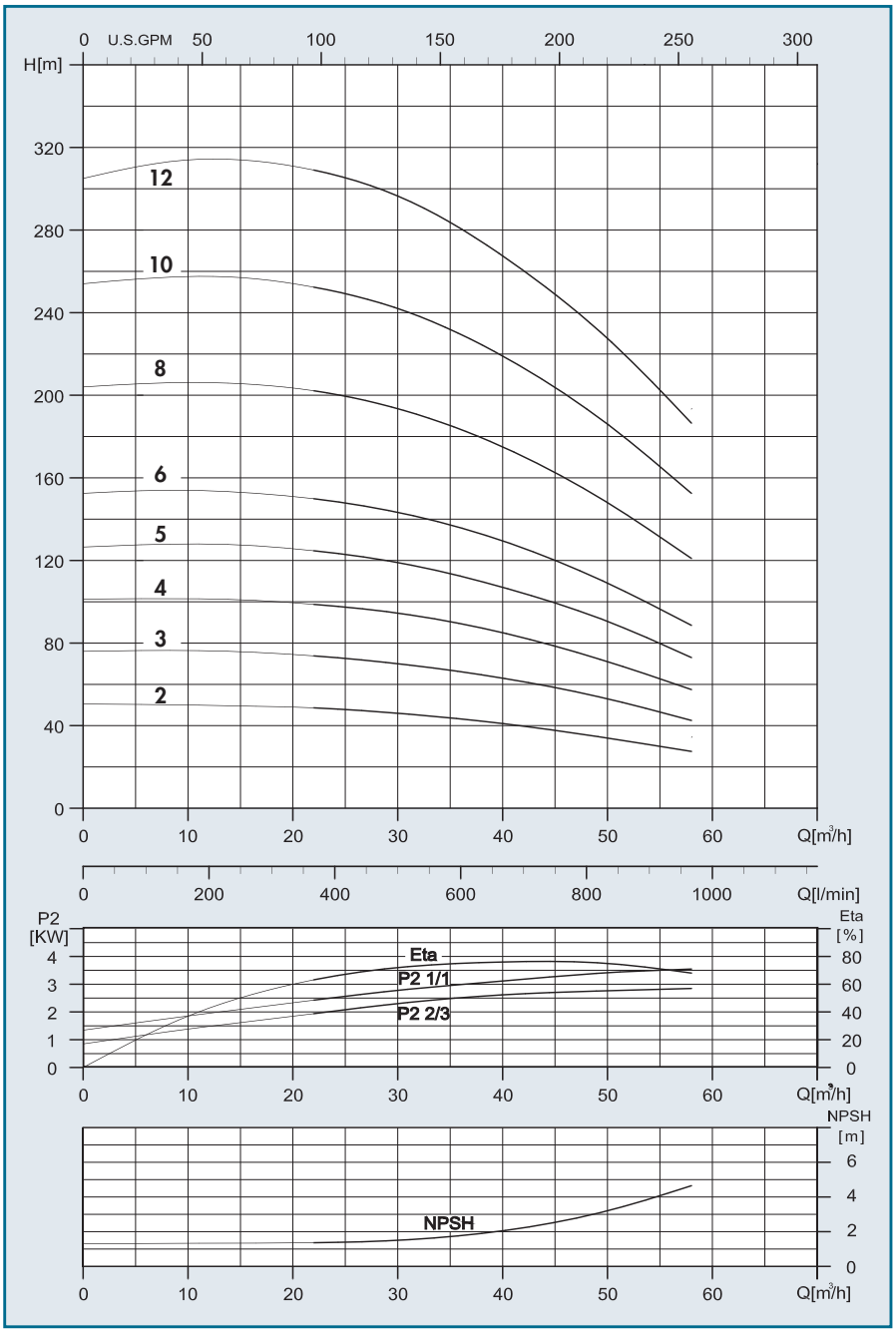
## MATERIALI
| | |
|---|---|
| - Corpo pompa | Acciaio Inox Aisi 304 |
| - Girante | Acciaio Inox Aisi 304 |
| - Camicia pompa | Acciaio Inox Aisi 304 |
| - Controflangia | Ghisa |
| - Supporto motore | Ghisa |
| - Albero motore | Acciaio Inox Aisi 431 |
| - Tenute meccaniche | Sil/Sil |

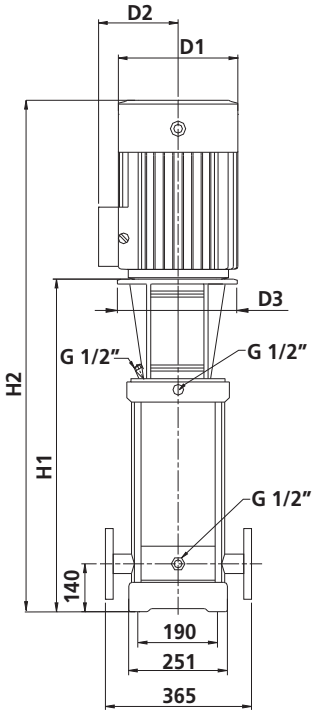
## *OPERATING CONDITIONS*
- *Temperature of liquid from 0°C to 110°C (max)*
- *Ambient temperature max to 40°C*

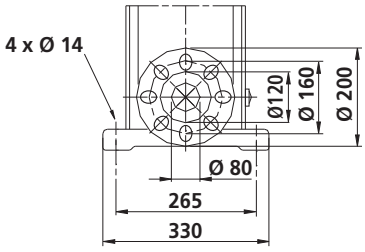
## *MOTOR*
- *Efficiency 1*
- *Electric standard motor ($n = 2900\ min^{-1}$) IM V1 (IEC 34-7)*
- *Insulation Class F*
- *Protection IP 55*

## *MATERIALS*
| | |
|---|---|
| - *Pump body* | *Stainless Steel Aisi 304* |
| - *Impeller* | *Stainless Steel Aisi 304* |
| - *External jacket* | *Stainless Steel Aisi 304* |
| - *Counterflanges* | *Cast Iron* |
| - *Motor support* | *Cat Iron* |
| - *Pump shaft* | *Stainless Steel Aisi 431* |
| - *Mechanical seal* | *Sic/Sic* |

| TIPO - *TYPE* | Potenza nominale *Nominal power* | | Q = PORTATA - *CAPACITY* | | | | | | | | DIMENSIONI *DIMENSION* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | $m^3/h$ | 0 | 12 | 24 | 30 | 36 | 42 | 48 | 54 | |
| Trifase *Three-phase* | HP | kW | lt/1' | 0 | 200 | 400 | 500 | 600 | 700 | 800 | 900 | |
| | | | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | DNA / DNM |
| **SBI 45 - 2** | 10 | 7,5 | H (m) | 50,5 | | 48,1 | 46 | 43,2 | 39,8 | 35,5 | 30,8 | 2"1/2 / 2"1/2 |
| **SBI 45 - 3** | 15 | 11 | | 76 | | 73 | 70 | 66,1 | 61,3 | 55,3 | 47,9 | 2"1/2 / 2"1/2 |
| **SBI 45 - 4** | 20 | 15 | | 101,3 | | 97,9 | 94,5 | 89,4 | 82,5 | 74,1 | 64,4 | 2"1/2 / 2"1/2 |
| **SBI 45 - 5** | 25 | 18,5 | | 126,5 | | 123,6 | 119 | 112,4 | 104,1 | 94,3 | 82,1 | 2"1/2 / 2"1/2 |
| **SBI 45 - 6** | 30 | 22 | | 152,5 | | 148,6 | 143,3 | 135,8 | 125,9 | 113,6 | 99,1 | 2"1/2 / 2"1/2 |
| **SBI 45 - 8** | 40 | 30 | | 204 | | 200,5 | 193,5 | 183,4 | 170,3 | 154,1 | 134,9 | 2"1/2 / 2"1/2 |
| **SBI 45 - 10** | 50 | 37 | | 254 | | 250,3 | 242 | 229,5 | 213,2 | 193,5 | 169,8 | 2"1/2 / 2"1/2 |
| **SBI 45 - 12** | 60 | 45 | | 305 | | 306,7 | 296,5 | 280,7 | 260,4 | 236,5 | 207,8 | 2"1/2 / 2"1/2 |




| TIPO - *TYPE* | DIMENSIONI *DIMENSIONS (mm)* | | | | | PESO *WEIGHT (kg)* |
|---|---|---|---|---|---|---|
| Trifase *Three-phase* | H1 | H2 | D1 | D2 | D3 | |
| **SBI 45 - 2** | 639 | 1039 | 234 | 199 | 300 | 112,8 |
| **SBI 45 - 3** | 829 | 1274 | 268 | 215 | 350 | 150,1 |
| **SBI 45 - 4** | 909 | 1398 | 268 | 215 | 350 | 164,7 |
| **SBI 45 - 5** | 989 | 1524 | 317 | 242 | 350 | 203,4 |
| **SBI 45 - 6** | 1069 | 1648 | 317 | 242 | 350 | 217,8 |
| **SBI 45 - 8** | 1229 | 1852 | 317 | 290 | 400 | 310,4 |
| **SBI 45 - 10** | 1389 | 2114 | 398 | 365 | 400 | 386,7 |
| **SBI 45 - 12** | 1549 | 2274 | 398 | 365 | 450 | 421,9 |

# SBI 64

WORTEX

## LIMITI D'IMPIEGO
- Temperatura liquido fino da 0°C a 110°C (max)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.

## MOTORE
- Efficienza 1
- Motore elettrico (n = 2900 min-1) IM V1 (IEC 34-7)
- Isolamento Classe F
- Protezione IP 55

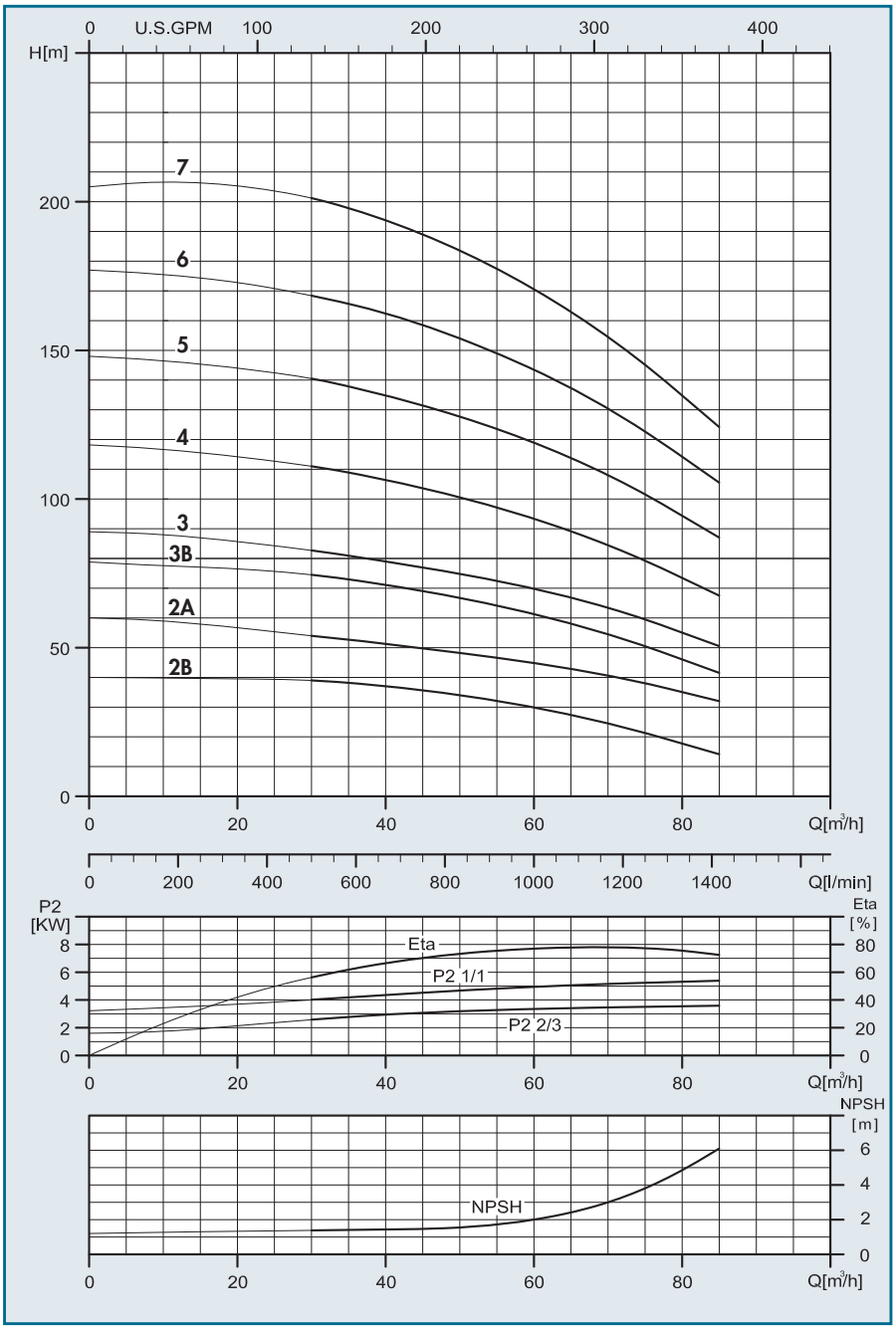
## MATERIALI
| | |
|---|---|
| - Corpo pompa | Acciaio Inox Aisi 304 |
| - Girante | Acciaio Inox Aisi 304 |
| - Camicia pompa | Acciaio Inox Aisi 304 |
| - Controflangia | Ghisa |
| - Supporto motore | Ghisa |
| - Albero motore | Acciaio Inox Aisi 431 |
| - Tenute meccaniche | Sil/Sil |

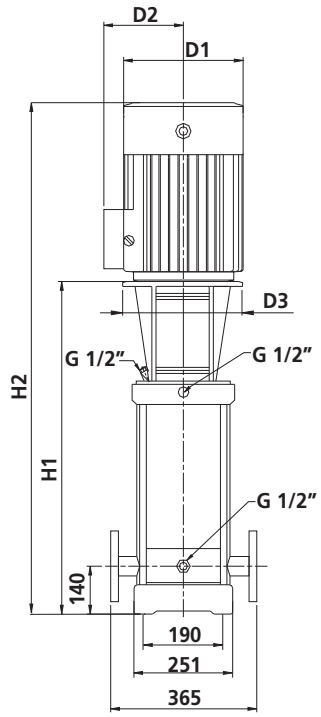
## *OPERATING CONDITIONS*
- *Temperature of liquid from 0°C to 110°C (max)*
- *Ambient temperature max to 40°C*

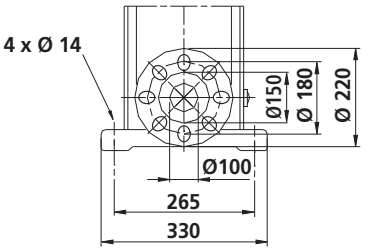
## *MOTOR*
- *Efficiency 1*
- *Electric standard motor (n = 2900 min$^{-1}$) IM V1 (IEC 34-7)*
- *Insulation Class F*
- *Protection IP 55*

## *MATERIALS*
| | |
|---|---|
| - *Pump body* | *Stainless Steel Aisi 304* |
| - *Impeller* | *Stainless Steel Aisi 304* |
| - *External jacket* | *Stainless Steel Aisi 304* |
| - *Counterflanges* | *Cast Iron* |
| - *Motor support* | *Cat Iron* |
| - *Pump shaft* | *Stainless Steel Aisi 431* |
| - *Mechanical seal* | *Sic/Sic* |

| TIPO - *TYPE* | Potenza nominale *Nominal power* | | Q = PORTATA - *CAPACITY* | | | | | | | | DIMENSIONI *DIMENSION* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | $m^3/h$ | 0 | 36 | 42 | 48 | 54 | 66 | 78 | 84 | |
| Trifase *Three-phase* | HP | kW | lt/1' | 0 | 600 | 700 | 800 | 900 | 1100 | 1300 | 1400 | |
| | | | Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | DNA / DNM |
| **SBI 64 - 2B** | 10 | 7,5 | H (m) | 40 | 38 | 36,5 | 34,7 | 32,5 | 26,8 | 19,2 | 14,9 | 4" / 4" |
| **SBI 64 - 2A** | 15 | 11 | | 60,1 | 52,4 | 50,7 | 48,8 | 46,9 | 42,5 | 36,3 | 32,6 | 4" / 4" |
| **SBI 64 - 3B** | 20 | 15 | | 78,8 | 72,6 | 70,4 | 67,7 | 64,7 | 57,4 | 47,8 | 42,4 | 4" / 4" |
| **SBI 64 - 3** | 25 | 18,5 | | 89 | 80,6 | 78,2 | 75,7 | 72,9 | 66,2 | 56,8 | 51,4 | 4" / 4" |
| **SBI 64 - 4** | 30 | 22 | | 118,2 | 108,5 | 105,4 | 101,8 | 97,8 | 88,3 | 75,8 | 68,7 | 4" / 4" |
| **SBI 64 - 5** | 40 | 30 | | 148 | 137,3 | 133,5 | 129,2 | 124,4 | 112,7 | 97,3 | 88,5 | 4" / 4" |
| **SBI 64 - 6** | 50 | 37 | | 177 | 165 | 160,9 | 155,9 | 150 | 136 | 117,7 | 107,3 | 4" / 4" |
| **SBI 64 - 7** | 60 | 45 | | 205 | 197,1 | 192 | 185,8 | 178,7 | 161,4 | 139 | 126,3 | 4" / 4" |



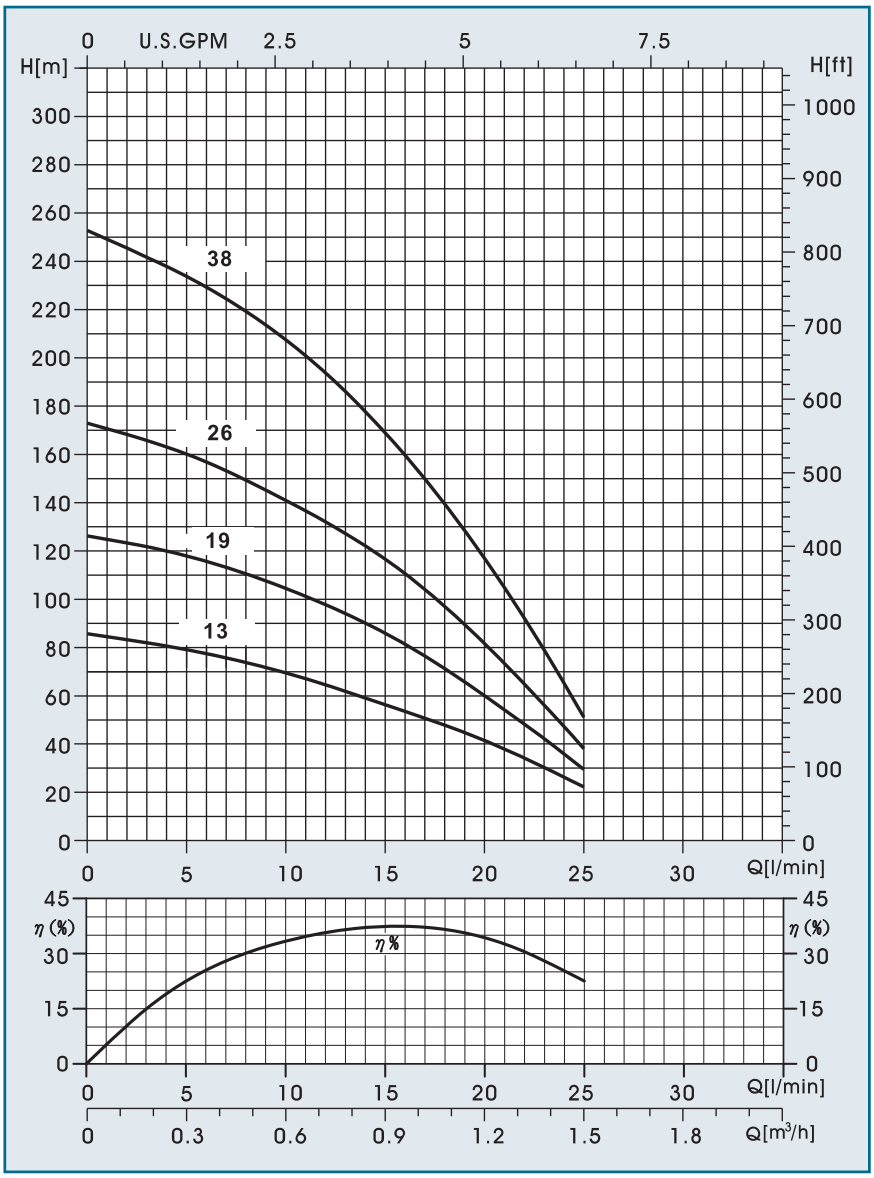

| TIPO - *TYPE* | DIMENSIONI *DIMENSIONS (mm)* | | | | | PESO *WEIGHT (kg)* |
|---|---|---|---|---|---|---|
| Trifase *Three-phase* | H1 | H2 | D1 | D2 | D3 | |
| **SBI 64 - 2B** | 646 | 1046 | 234 | 199 | 300 | 108,75 |
| **SBI 64 - 2A** | 756 | 1201 | 268 | 215 | 350 | 142,33 |
| **SBI 64 - 3B** | 838 | 1327 | 268 | 215 | 350 | 157,34 |
| **SBI 64 - 3** | 838 | 1373 | 317 | 242 | 350 | 192,34 |
| **SBI 64 - 4** | 921 | 1500 | 317 | 242 | 350 | 206,97 |
| **SBI 64 - 5** | 1003 | 1626 | 317 | 290 | 400 | 296,09 |
| **SBI 64 - 6** | 1086 | 1811 | 398 | 365 | 400 | 368,97 |
| **SBI 64 - 7** | 1172 | 1897 | 398 | 365 | 450 | 400,88 |

# ST 5 (1"1/4)

WORTEX

## POMPE SOMMERSE MULTISTADIO PER POZZI 4"

## *MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS*




| TIPO *TYPE* | Stadi - *Stages* | Potenza *Power* | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | | | Dimensioni *Dimensions* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KW | HP | l/min 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 60 | 70 | 80 | Length | Weight |
| | | | | $m^3/h$ 0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 | 3.6 | 4.2 | 4.8 | (mm) | (kg) |
| | | | | H = Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | | | | | |
| **ST5-13** | 13 | 0.37 | 0.5 | 86 | 78 | 70 | 56 | 42 | 23 | | | | | | | | | 377 | 3.7 |
| **ST5-19** | 19 | 0.55 | 0.75 | 126 | 118 | 105 | 86 | 60 | 30 | | | | | | | | | 481 | 4.7 |
| **ST5-26** | 26 | 0.75 | 1.0 | 173 | 160 | 141 | 117 | 81 | 39 | | | | | | | | | 642 | 5.8 |
| **ST5-38** | 38 | 1.1 | 1.5 | 253 | 234 | 208 | 169 | 117 | 52 | | | | | | | | | 864 | 8.2 |

# ST 10 (1"1/4)

## POMPE SOMMERSE MULTISTADIO PER POZZI 4"

## *MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS*

### APPLICAZIONI

Pompe sommerse multistadio per pozzi 4" (DN 100 mm).
Particolarmente adatte per fini urbani e industriali,
irrigatori e impianti di irrigazione alimentare,
impianti antincendio e generalmente per fornitura di acqua pulita.

### MATERIALI

La mandata ha una valvola di controllo incorporata in acciaio inossidabile.
Il corpo pompa è coperto da un involucro in acciaio inossidabile 304.
Gli alberi sono ottenuti da barre esagonali in acciaio inossidabile 304.
Gli alberi per pompe fino a 19 stadi sono forniti di 1 cuscinetto.
Gli alberi per pompe oltre i 19 stadi sono forniti di 2 cuscinetti.
Le giranti e i diffusori sono in policarbonato.
Filtro in acciaio inossidabile 304 integrato.
Giunti in acciaio inossidabile 304 sinterizzato,
con specifiche NEMA.

### CONDIZIONI OPERATIVE

Temperatura liquido fino a 35°C
Contenuto di sabbia massimo 60g/m3
Avvii/ora max. 20

### *APPLICATION*

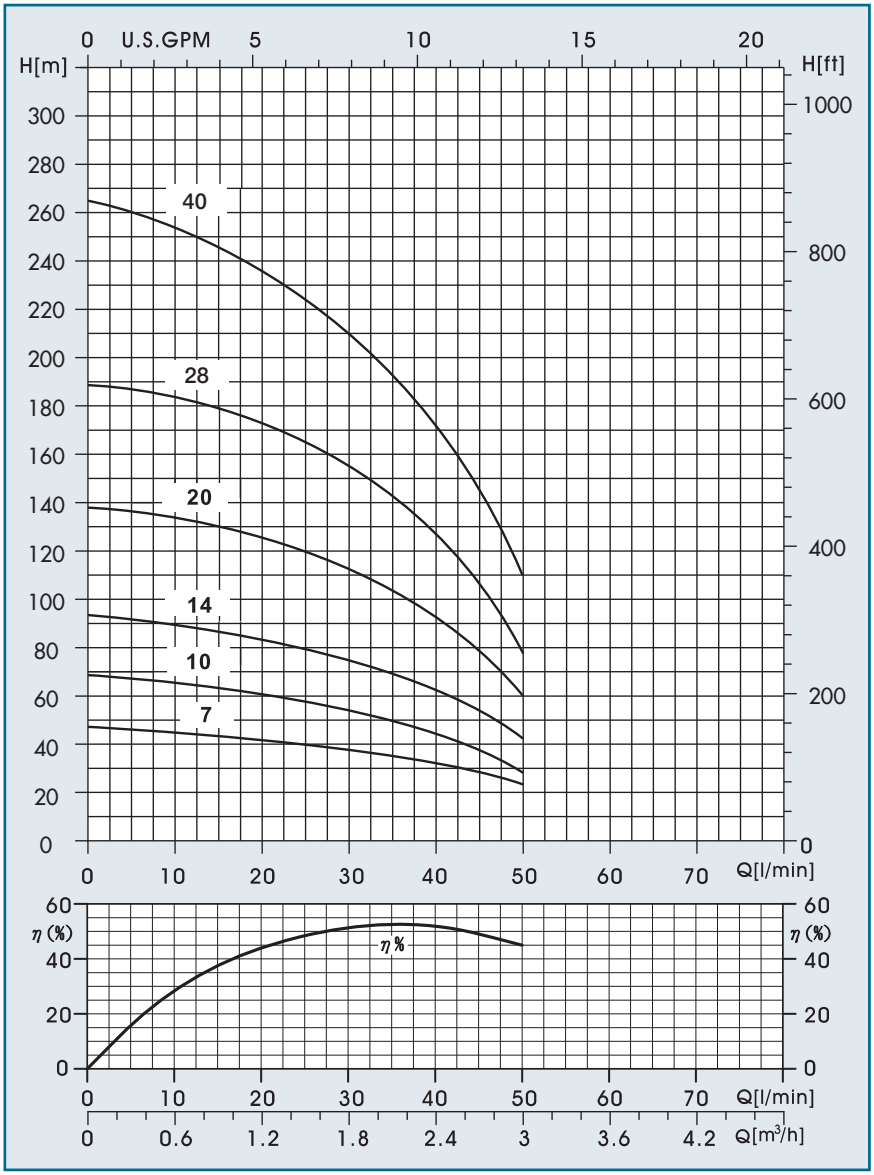
*Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.*

### *PUMP MATERIALS*

*The discharge has a built-in check valve in stainless steel.
The pump body is covered by a 304 polished stainless steel shell. The shafts are made from hex 304 stainless steel bar material. Shafts for pumps with 19 and fewer stages are supplied with one shaft bearing.
Shafts for pumps with more than 19 stages are supplied with two shaft bearings.
Impellers are made of Diffusers are made of polycarbonate.
Built-in 304 stainless steel strainer.
Couplings are made from sintered 304 M stainless steel material, with NEMA specifications.*

### *OPERATING CONDITIONS*

*- Liquid temperature up to 35°C*
*- Sand content max. 60 g/m3*
*- Start/hour 20 max.*



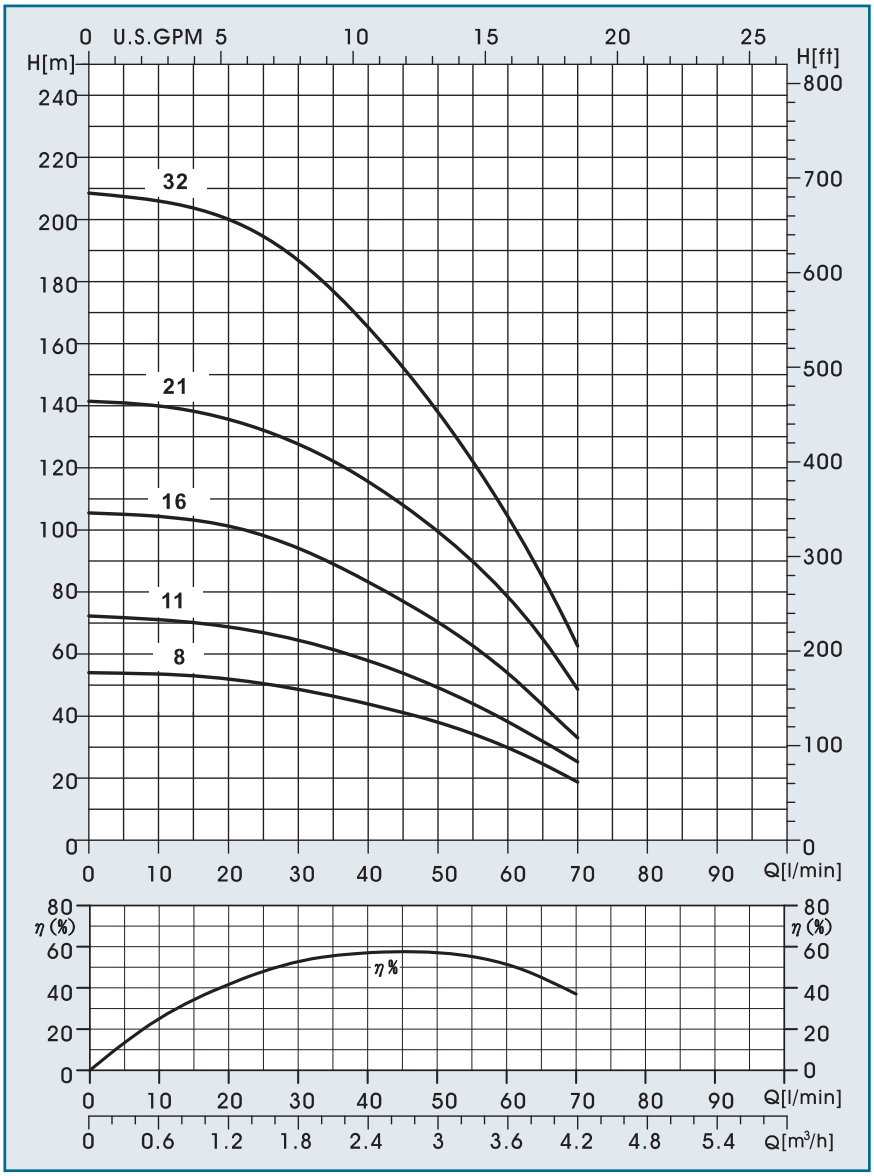

| TIPO *TYPE* | Stadi - *Stages* | Potenza *Power* | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | | | Dimensioni *Dimensions* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KW | HP | l/min 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 60 | 70 | 80 | Length | Weight |
| | | | | m³/h 0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 | 3.6 | 4.2 | 4.8 | (mm) | (kg) |
| | | | | H = Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | | | | | |
| **ST10-07** | 7 | 0,37 | 0,5 | 46 | | | 43 | 42 | 39 | 36 | 33 | 29 | 26 | 22 | | | | 271 | 2,8 |
| **ST10-10** | 10 | 0,55 | 0,75 | 69 | | | 65 | 63 | 60 | 55 | 50 | 44 | 37 | 29 | | | | 324 | 3,3 |
| **ST10-14** | 14 | 0,75 | 1 | 92 | | | 86 | 83 | 79 | 74 | 67 | 60 | 52 | 42 | | | | 394 | 3,9 |
| **ST10-20** | 20 | 1,1 | 1,5 | 139 | | | 131 | 127 | 120 | 111 | 101 | 90 | 75 | 60 | | | | 499 | 4,9 |
| **ST10-28** | 28 | 1,5 | 2 | 189 | | | 180 | 172 | 164 | 156 | 138 | 117 | 98 | 78 | | | | 680 | 6,5 |
| **ST10-40** | 40 | 2,2 | 3 | 265 | | | 251 | 234 | 220 | 210 | 183 | 153 | 130 | 110 | | | | 885 | 8,9 |

# ST 13 (1"1/4)

WORTEX

## POMPE SOMMERSE MULTISTADIO PER POZZI 4"

## *MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS*




| TIPO *TYPE* | Stadi - *Stages* | Potenza *Power* | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | | | Dimensioni *Dimensions* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KW | HP | l/min 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 60 | 70 | 80 | Length | Weight |
| | | | | m³/h 0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 | 3.6 | 4.2 | 4.8 | (mm) | (kg) |
| | | | | H = Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | | | | | |
| **ST13-08** | 8 | 0.55 | 0.75 | 54 | | | | 51 | 50 | 49 | 46 | 43 | 41 | 38 | 30 | 19 | | 289 | 2.9 |
| **ST13-11** | 11 | 0.75 | 1.0 | 72 | | | | 68 | 66 | 64 | 61 | 58 | 54 | 49 | 38 | 26 | | 342 | 3.4 |
| **ST13-16** | 16 | 1.1 | 1.5 | 106 | | | | 101 | 98 | 95 | 89 | 83 | 77 | 70 | 54 | 33 | | 430 | 4.2 |
| **ST13-21** | 21 | 1.5 | 2.0 | 142 | | | | 135 | 132 | 127 | 122 | 115 | 108 | 100 | 79 | 49 | | 519 | 5.0 |
| **ST13-32** | 32 | 2.2 | 3.0 | 208 | | | | 200 | 194 | 187 | 177 | 165 | 152 | 138 | 104 | 62 | | 749 | 7.1 |

# WORTEX — ST 18 (1"1/4)

## POMPE SOMMERSE MULTISTADIO PER POZZI 4"

## *MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS*

### APPLICAZIONI

Pompe sommerse multistadio per pozzi 4" (DN 100 mm).
Particolarmente adatte per fini urbani e industriali, irrigatori e impianti di irrigazione alimentare, impianti antincendio e generalmente per fornitura di acqua pulita.

### MATERIALI

La mandata ha una valvola di controllo incorporata in acciaio inossidabile.
Il corpo pompa è coperto da un involucro in acciaio inossidabile 304.
Gli alberi sono ottenuti da barre esagonali in acciaio inossidabile 304.
Gli alberi per pompe fino a 19 stadi sono forniti di 1 cuscinetto.
Gli alberi per pompe oltre i 19 stadi sono forniti di 2 cuscinetti.
Le giranti e i diffusori sono in policarbonato.
Filtro in acciaio inossidabile 304 integrato.
Giunti in acciaio inossidabile 304 sinterizzato, con specifiche NEMA.

### CONDIZIONI OPERATIVE

Temperatura liquido fino a 35°C
Contenuto di sabbia massimo 60g/m3
Avvii/ora max. 20

### *APPLICATION*

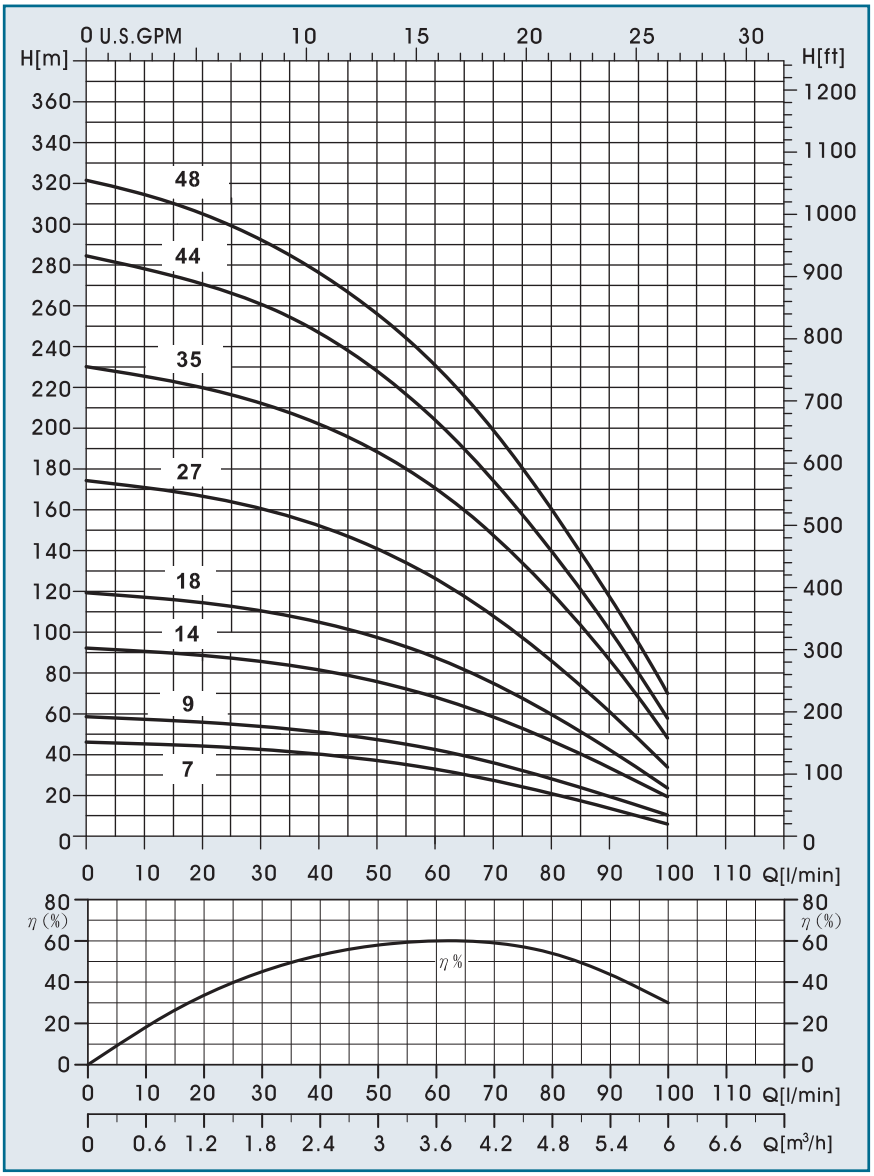
*Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.*

### *PUMP MATERIALS*

*The discharge has a built-in check valve in stainless steel. The pump body is covered by a 304 polished stainless steel shell. The shafts are made from hex 304 stainless steel bar material. Shafts for pumps with 19 and fewer stages are supplied with one shaft bearing. Shafts for pumps with more than 19 stages are supplied with two shaft bearings. Impellers are made of Diffusers are made of polycarbonate. Built-in 304 stainless steel strainer. Couplings are made from sintered 304 M stainless steel material, with NEMA specifications.*

### *OPERATING CONDITIONS*

*- Liquid temperature up to 35°C*
*- Sand content max. 60 g/m3*
*- Start/hour 20 max.*



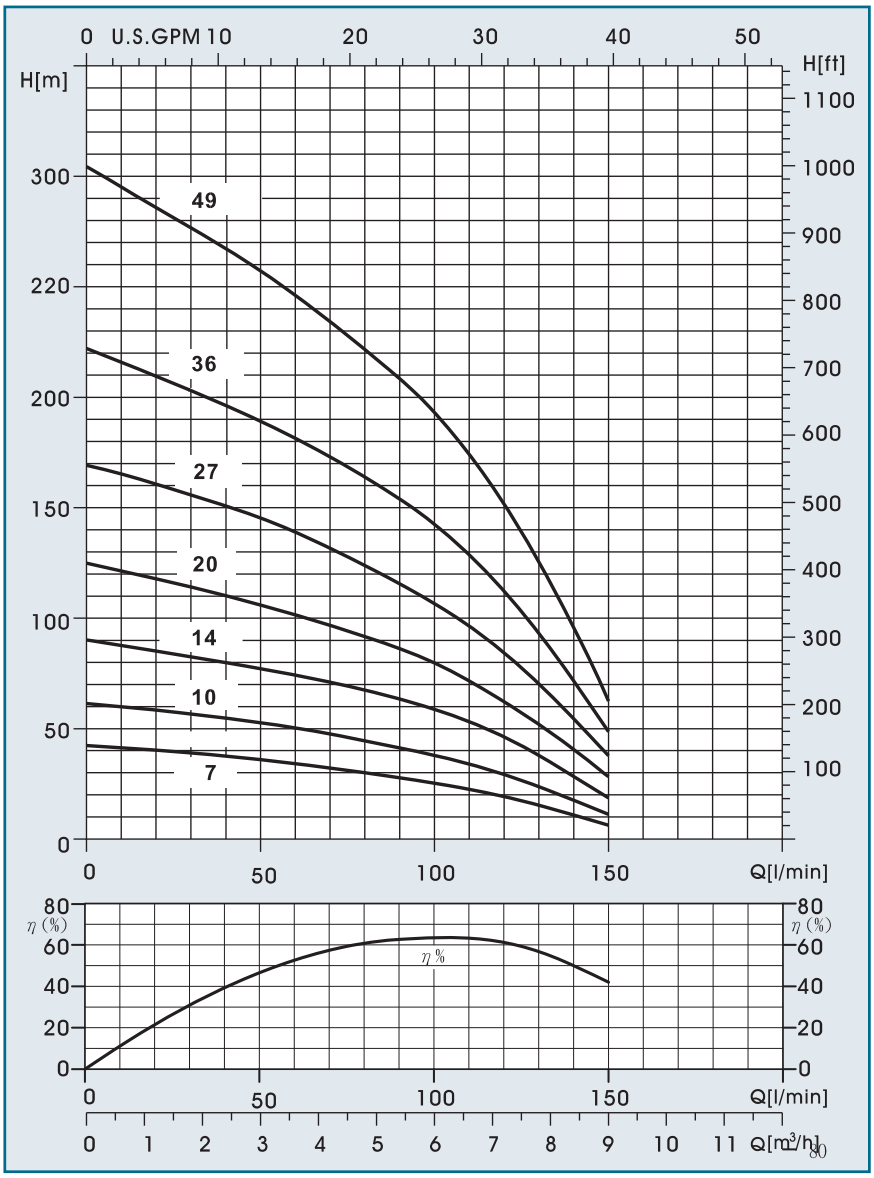

| TIPO *TYPE* | Stadi - *Stages* | Potenza *Power* | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | | | | Dimensioni *Dimensions* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KW | HP | l/min 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | Length | Weight |
| | | | | $m^3/h$ 0 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 | 3.6 | 4.2 | 4.8 | 5.4 | 6.0 | 7.2 | (mm) | (kg) |
| | | | | H = Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | | | | | | |
| **ST18-07** | 7 | 0.55 | 0.75 | 46 | | | 43 | 42 | 41 | 40 | 39 | 37 | 33 | 28 | 21 | 13 | 7 | | 301 | 3.0 |
| **ST18-09** | 9 | 0.75 | 1.0 | 59 | | | 55 | 54 | 52 | 51 | 49 | 47 | 43 | 37 | 28 | 20 | 10 | | 344 | 3.3 |
| **ST18-14** | 14 | 1.1 | 1.5 | 93 | | | 87 | 86 | 83 | 81 | 79 | 76 | 68 | 58 | 47 | 33 | 20 | | 452 | 4.1 |
| **ST18-18** | 18 | 1.5 | 2.0 | 120 | | | 113 | 111 | 108 | 105 | 102 | 98 | 88 | 75 | 60 | 42 | 25 | | 538 | 4.7 |
| **ST18-27** | 27 | 2.2 | 3.0 | 175 | | | 164 | 161 | 157 | 152 | 147 | 141 | 127 | 109 | 87 | 61 | 35 | | 767 | 6.2 |
| **ST18-35** | 35 | 3.0 | 4.0 | 231 | | | 217 | 212 | 208 | 202 | 196 | 189 | 170 | 149 | 120 | 87 | 50 | | 934 | 7.9 |
| **ST18-44** | 44 | 3.7 | 5.0 | 285 | | | 266 | 260 | 254 | 248 | 238 | 229 | 203 | 172 | 139 | 100 | 59 | | 1128 | 9.3 |
| **ST18-48** | 48 | 4.0 | 5.5 | 322 | | | 299 | 292 | 285 | 276 | 267 | 256 | 231 | 199 | 160 | 118 | 70 | | 1253 | 9.9 |

# ST 35 (2″)

WORTEX

## POMPE SOMMERSE MULTISTADIO PER POZZI 4″

## *MULTISTAGE SUBMERSIBLE PUMPS FOR 4″ WELLS*




| TIPO *TYPE* | Stadi - *Stages* | Potenza *Power* | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | | | | | | Dimensioni *Dimensions* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KW | HP | l/min 0 | 30 | 35 | 40 | 45 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | Length | Weight |
| | | | | $m^3/h$ 0 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 | 3.6 | 4.2 | 4.8 | 5.4 | 6.0 | 7.2 | 8.4 | 9.6 | 10.8 | 12 | 13 | (mm) | (kg) |
| | | | | H = Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | | | | | | | | |
| **ST35-07** | 7 | 0.75 | 1.0 | 42 | | | | | 36 | 34 | 32 | 30 | 28 | 25 | 19 | 11 | | | | | 390 | 3.7 |
| **ST35-10** | 10 | 1.1 | 1.5 | 62 | | | | | 53 | 51 | 48 | 45 | 41 | 38 | 29 | 18 | | | | | 483 | 4.6 |
| **ST35-14** | 14 | 1.5 | 2.0 | 90 | | | | | 77 | 74 | 71 | 68 | 63 | 59 | 46 | 28 | | | | | 607 | 5.7 |
| **ST35-20** | 20 | 2.2 | 3.0 | 125 | | | | | 107 | 102 | 97 | 92 | 86 | 80 | 62 | 40 | | | | | 831 | 7.5 |
| **ST35-27** | 27 | 3.0 | 4.0 | 169 | | | | | 145 | 139 | 131 | 123 | 115 | 107 | 84 | 55 | | | | | 1048 | 9.6 |
| **ST35-36** | 36 | 4.0 | 5.5 | 221 | | | | | 190 | 181 | 173 | 164 | 154 | 143 | 112 | 72 | | | | | 1318 | 12.2 |
| **ST35-49** | 49 | 5.5 | 7.5 | 302 | | | | | 257 | 246 | 234 | 222 | 209 | 193 | 151 | 96 | | | | | 1802 | 15.9 |

# ST 40 (2")

## POMPE SOMMERSE MULTISTADIO PER POZZI 4"

## *MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS*

### APPLICAZIONI
Pompe sommerse multistadio per pozzi 4" (DN 100 mm).
Particolarmente adatte per fini urbani e industriali, irrigatori e impianti di irrigazione alimentare, impianti antincendio e generalmente per fornitura di acqua pulita.

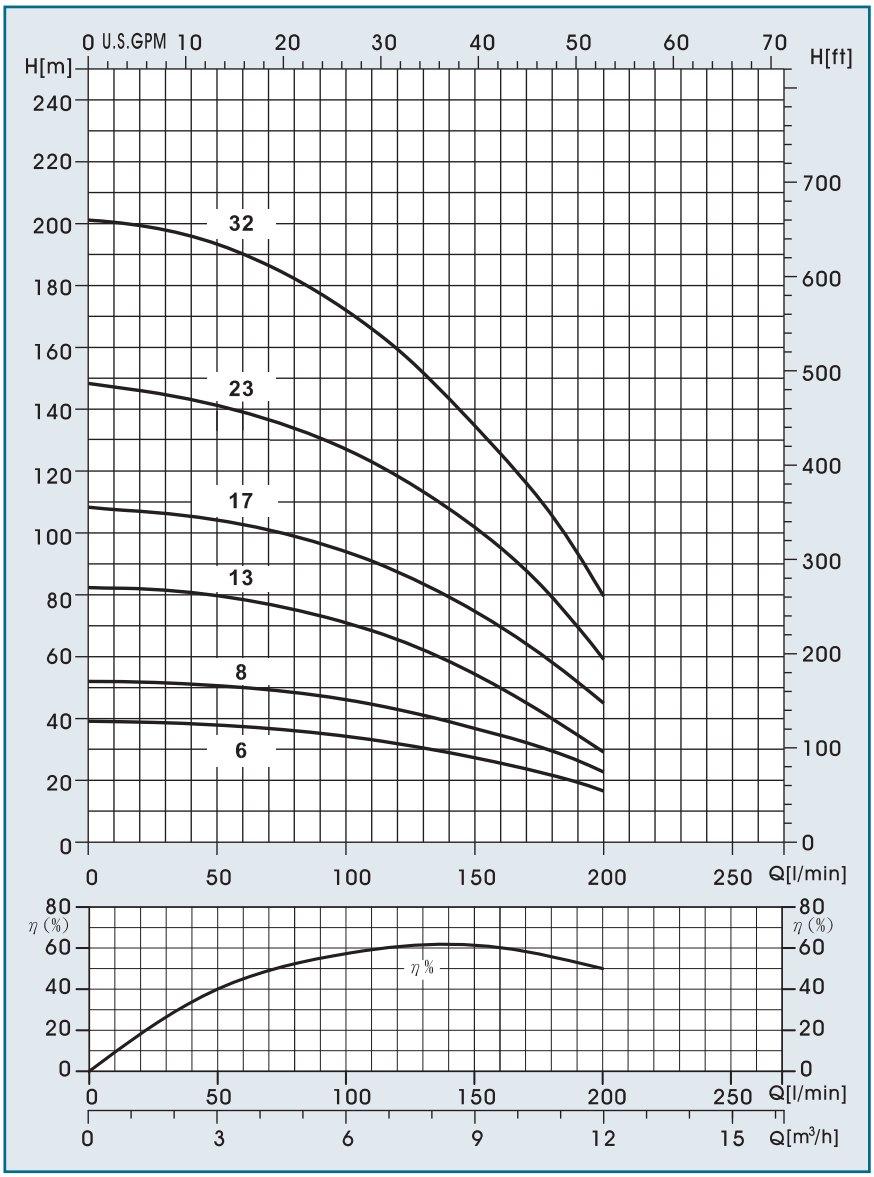
### MATERIALI
La mandata ha una valvola di controllo incorporata in acciaio inossidabile.
Il corpo pompa è coperto da un involucro in acciaio inossidabile 304.
Gli alberi sono ottenuti da barre esagonali in acciaio inossidabile 304.
Gli alberi per pompe fino a 19 stadi sono forniti di 1 cuscinetto.
Gli alberi per pompe oltre i 19 stadi sono forniti di 2 cuscinetti.
Le giranti e i diffusori sono in policarbonato.
Filtro in acciaio inossidabile 304 integrato.
Giunti in acciaio inossidabile 304 sinterizzato, con specifiche NEMA.

### CONDIZIONI OPERATIVE
Temperatura liquido fino a 35°C
Contenuto di sabbia massimo 60g/m3
Avvii/ora max. 20

### *APPLICATION*
*Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.*

### *PUMP MATERIALS*
*The discharge has a built-in check valve in stainless steel. The pump body is covered by a 304 polished stainless steel shell. The shafts are made from hex 304 stainless steel bar material. Shafts for pumps with 19 and fewer stages are supplied with one shaft bearing. Shafts for pumps with more than 19 stages are supplied with two shaft bearings. Impellers are made of Diffusers are made of polycarbonate. Built-in 304 stainless steel strainer. Couplings are made from sintered 304 M stainless steel material, with NEMA specifications.*

### *OPERATING CONDITIONS*
*- Liquid temperature up to 35°C*
*- Sand content max. 60 g/m3*
*- Start/hour 20 max.*



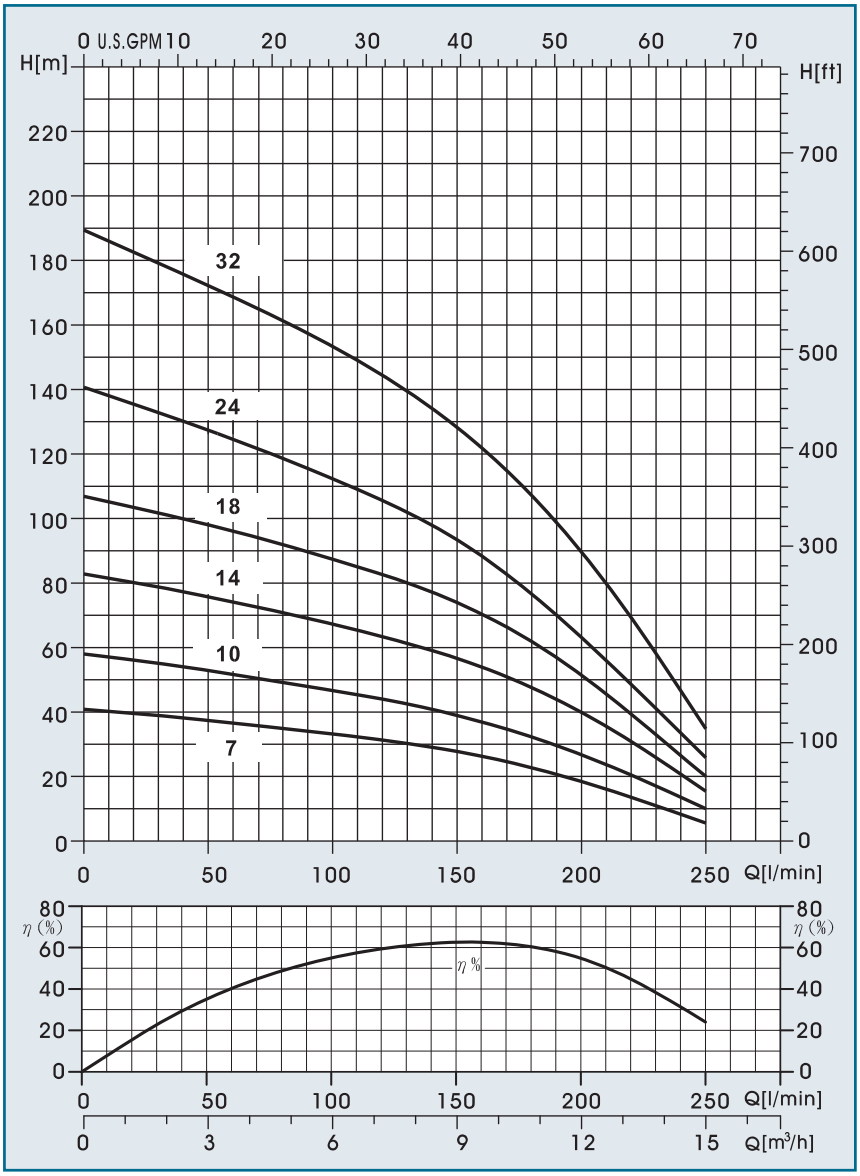

| TIPO *TYPE* | Stadi - *Stages* | Potenza *Power* | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | | | | | | Dimensioni *Dimensions* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KW | HP | l/min 0 | 30 | 35 | 40 | 45 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | Length | Weight |
| | | | | m³/h 0 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 | 3.6 | 4.2 | 4.8 | 5.4 | 6.0 | 7.2 | 8.4 | 9.6 | 10.8 | 12 | 13 | (mm) | (kg) |
| | | | | H = Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | | | | | | | | |
| **ST40-06** | 6 | 1.1 | 1.5 | 39 | | | | | | | | 36 | 35 | 34 | 32 | 29 | 26 | 22 | 17 | | 356 | 3.4 |
| **ST40-08** | 8 | 1.5 | 2.0 | 52 | | | | | | | | 48 | 47 | 46 | 43 | 39 | 35 | 29 | 24 | | 418 | 4.0 |
| **ST40-13** | 13 | 2.2 | 3.0 | 82 | | | | | | | | 75 | 73 | 71 | 66 | 59 | 50 | 40 | 30 | | 573 | 5.5 |
| **ST40-17** | 17 | 3.0 | 4.0 | 108 | | | | | | | | 98 | 96 | 94 | 87 | 79 | 70 | 58 | 46 | | 697 | 6.6 |
| **ST40-23** | 23 | 4.0 | 5.5 | 148 | | | | | | | | 134 | 131 | 127 | 118 | 108 | 95 | 79 | 60 | | 921 | 8.4 |
| **ST40-32** | 32 | 5.5 | 7.5 | 202 | | | | | | | | 182 | 178 | 172 | 160 | 143 | 125 | 105 | 80 | | 1238 | 11.0 |

# ST 55 (2″)

WORTEX

## POMPE SOMMERSE MULTISTADIO PER POZZI 4″

## *MULTISTAGE SUBMERSIBLE PUMPS FOR 4″ WELLS*




| TIPO *TYPE* | Stadi - *Stages* | Potenza *Power* | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | | | | | | | Dimensioni *Dimensions* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KW | HP | l/min 0 | 70 | 80 | 90 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | | Length | Weight |
| | | | | $m^3/h$ 0 | 4.2 | 4.8 | 5.4 | 6.0 | 7.2 | 8.4 | 9.6 | 10.8 | 12 | 13 | 14.4 | 16 | 17 | 18 | 19 | 20 | | (mm) | (kg) |
| | | | | H = Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | | | | | | | | | |
| **ST55-07** | 7 | 1.1 | 1.5 | 41 | | 35 | 34 | 33 | 32 | 29 | 26 | 23 | 18 | 14 | 8 | | | | | | | 537 | 5.3 |
| **ST55-10** | 10 | 1.5 | 2.0 | 58 | | 49 | 48 | 47 | 44 | 41 | 37 | 32 | 27 | 20 | 13 | | | | | | | 693 | 6.7 |
| **ST55-14** | 14 | 2.2 | 3.0 | 83 | | 71 | 69 | 67 | 63 | 58 | 54 | 48 | 40 | 31 | 20 | | | | | | | 901 | 8.5 |
| **ST55-18** | 18 | 3.0 | 4.0 | 107 | | 92 | 90 | 87 | 83 | 77 | 70 | 62 | 52 | 39 | 26 | | | | | | | 1147 | 10.4 |
| **ST55-24** | 24 | 4.0 | 5.5 | 141 | | 118 | 116 | 113 | 106 | 97 | 88 | 77 | 63 | 49 | 33 | | | | | | | 1449 | 13.2 |
| **ST55-32** | 32 | 5.5 | 7.5 | 189 | | 162 | 157 | 153 | 144 | 134 | 122 | 107 | 90 | 70 | 47 | | | | | | | 1866 | 17 |

# POMPE SOMMERSE MULTISTADIO PER POZZI 4"

# *MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS*

## APPLICAZIONI

Pompe sommerse multistadio per pozzi 4" (DN 100 mm).
Particolarmente adatte per fini urbani e industriali, irrigatori e impianti di irrigazione alimentare, impianti antincendio e generalmente per fornitura di acqua pulita.

## MATERIALI

La mandata ha una valvola di controllo incorporata in acciaio inossidabile.
Il corpo pompa è coperto da un involucro in acciaio inossidabile 304.
Gli alberi sono ottenuti da barre esagonali in acciaio inossidabile 304.
Gli alberi per pompe fino a 19 stadi sono forniti di 1 cuscinetto.
Gli alberi per pompe oltre i 19 stadi sono forniti di 2 cuscinetti.
Le giranti e i diffusori sono in policarbonato.
Filtro in acciaio inossidabile 304 integrato.
Giunti in acciaio inossidabile 304 sinterizzato, con specifiche NEMA.

## CONDIZIONI OPERATIVE

Temperatura liquido fino a 35°C
Contenuto di sabbia massimo 60g/m3
Avvii/ora max. 20

## *APPLICATION*

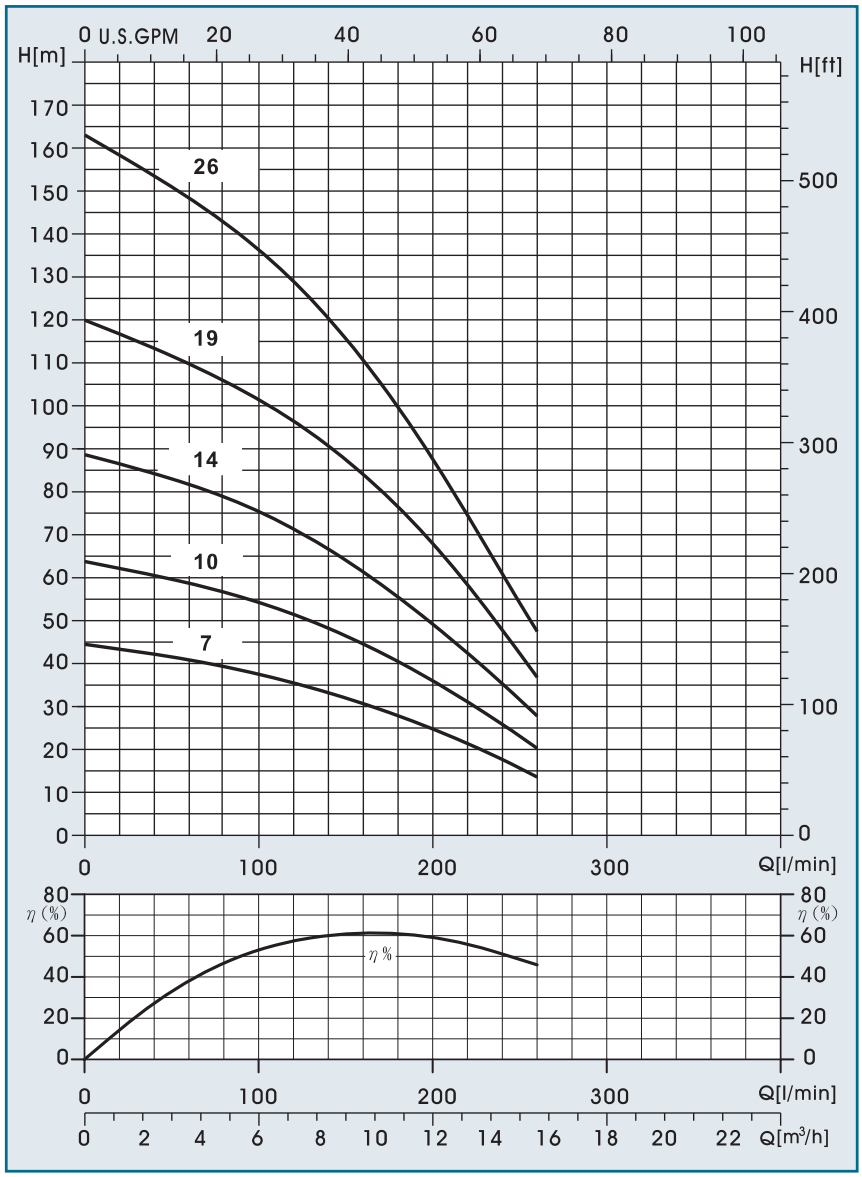
*Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.*

## *PUMP MATERIALS*

*The discharge has a built-in check valve in stainless steel. The pump body is covered by a 304 polished stainless steel shell. The shafts are made from hex 304 stainless steel bar material. Shafts for pumps with 19 and fewer stages are supplied with one shaft bearing. Shafts for pumps with more than 19 stages are supplied with two shaft bearings. Impellers are made of Diffusers are made of polycarbonate. Built-in 304 stainless steel strainer. Couplings are made from sintered 304 M stainless steel material, with NEMA specifications.*

## *OPERATING CONDITIONS*

*- Liquid temperature up to 35°C*
*- Sand content max. 60 g/m3*
*- Start/hour 20 max.*



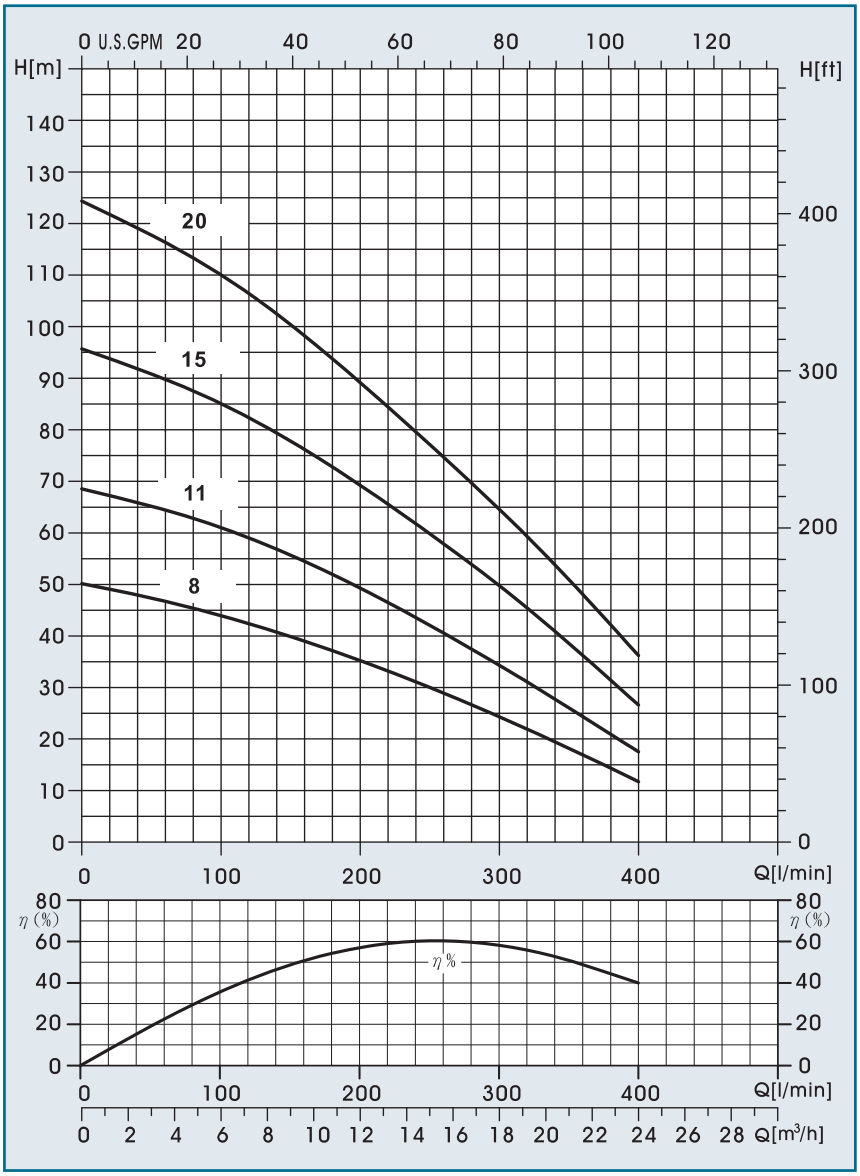

| TIPO *TYPE* | Stadi - *Stages* | Potenza *Power* | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | | | | | | Dimensioni *Dimensions* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KW | HP | l/min 0 | 80 | 90 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | Length | Weight |
| | | | | $m^3/h$ 0 | 4.8 | 5.4 | 6.0 | 7.2 | 8.4 | 9.6 | 10.8 | 12 | 13 | 14.4 | 16 | 17 | 18 | 19 | 20 | 22 | | |
| | | | | H = Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | | | | | | | (mm) | (kg) |
| **ST60-07** | 7 | 1.5 | 2.0 | 45 | | | 37 | 36 | 33 | 31 | 28 | 25 | 22 | 18 | 14 | | | | | | 534 | 5.3 |
| **ST60-10** | 10 | 2.2 | 3.0 | 64 | | | 54 | 52 | 48 | 44 | 41 | 36 | 32 | 26 | 20 | | | | | | 690 | 6.7 |
| **ST60-14** | 14 | 3.0 | 4.0 | 89 | | | 76 | 72 | 67 | 62 | 56 | 49 | 43 | 35 | 28 | | | | | | 989 | 8.6 |
| **ST60-19** | 19 | 4.0 | 5.5 | 120 | | | 102 | 97 | 91 | 89 | 76 | 68 | 58 | 48 | 37 | | | | | | 1195 | 11.0 |
| **ST60-26** | 26 | 5.5 | 7.5 | 163 | | | 136 | 129 | 120 | 111 | 100 | 87 | 75 | 61 | 48 | | | | | | 1559 | 14.3 |

# ST 80 (2″)

WORTEX

## POMPE SOMMERSE MULTISTADIO PER POZZI 4″

## *MULTISTAGE SUBMERSIBLE PUMPS FOR 4″ WELLS*




| TIPO *TYPE* | Stadi - *Stages* | Potenza *Power* | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | | | | | | | | Dimensioni *Dimensions* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KW | HP | l/min 0 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | 380 | 400 | 450 | | Length | Weight |
| | | | | m³/h 0 | 6.0 | 7.2 | 8.4 | 9.6 | 10.8 | 12 | 13 | 14.4 | 16 | 17 | 18 | 19 | 20 | 22 | 23 | 24 | 27 | | (mm) | (kg) |
| | | | | H = Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | | | | | | | | | | |
| **ST80-08** | 8 | 2.2 | 3.0 | 51 | | | 41 | 39 | 37 | 35 | 33 | 31 | 29 | 27 | 24 | 22 | 20 | 17 | 14 | 12 | | | 676 | 6.3 |
| **ST80-11** | 11 | 3.0 | 4.0 | 70 | | | 57 | 54 | 52 | 49 | 47 | 44 | 41 | 38 | 34 | 31 | 28 | 24 | 21 | 18 | | | 880 | 8.1 |
| **ST80-15** | 15 | 4.0 | 5.5 | 97 | | | 79 | 76 | 73 | 69 | 66 | 63 | 58 | 54 | 50 | 46 | 41 | 36 | 32 | 27 | | | 1149 | 10.5 |
| **ST80-20** | 20 | 5.5 | 7.5 | 125 | | | 102 | 98 | 94 | 89 | 84 | 79 | 74 | 70 | 65 | 60 | 54 | 48 | 43 | 37 | | | 1489 | 13.5 |

## Pompe Sommerse 4" in Acciaio Inossidabile

La gamma di pompe sommerse SP 4" è composta di acciaio inossidabile resistente alla corrosione e alle abrasioni, ed è stata realizzata con tecnologia all'avanguardia. Le pompe SP 4" sono realizzate secondo i più i alti standard per l'efficienza energetica, prestazioni affidabili, costruzione robusta, e lunga durata.
Tutte le parti in metallo sono composte di acciaio inossidabile 304, tranne l'albero in acciaio inossidabile 431 (4")
Capacità ($m^3/h$) min. 0.3 max. 18
Prevalenza: max. 285 m

## Pompe Sommerse 6" in Acciaio Inossidabile

Le pompe sommerse SP6" sono realizzate con acciaio inossidabile 304 o 316 di alta qualità resistente alla corrosione. Gli alberi sono in acciaio inossidabile 431 ad alta resistenza.
Le pompe sono progettate per prestazioni efficienti ed affidabili, e per una lunga durata.
Sono leggere e robuste, costruite per applicazioni pesanti.

Capacità ($m^3/h$) min. 3 max. 78
Prevalenza: max 433 m

## Applicazioni per 4" - 6"

- Fornitura di acqua potabile da pozzi profondi
- Irrigazione agricola, abbeveraggio del bestiame
- Urbane e industriali
- Aumento di pressione
- Svuotamento delle miniere
- Fontane, ecc.

## Liquidi Pompati

- Liquidi puliti, non corrosivi e non abrasivi

## Condizioni Operative

- Temperatura ambiente massima (Liquido): 35 °C
- Contenuto di sabbia: max. 50 $g/m^3$

## Caratteristiche

- Costruzione in acciaio inossidabile progettata per anni di funzionamento
- Mandata in acciaio inossidabile resistente con valvola di controllo incorporata per lunga durata e facilità di installazione
- Gancio di sicurezza liscio (4")
- Le specifiche di montaggio si basano sugli standard NEMA
- Cuscinetti di alta qualità garantiscono minimo attrito ed elevata resistenza all'usura
- Giranti e diffusori in acciaio inossidabile resistente assicurano rendimenti ottimali

## *4" Stainless Steel Submersible Pumps*

*SP 4" range of submersible pumps are made of corrosion and abrasion resistant stainless steel and have been developed in accordance with state-of-the-art technology. The SP 4" pumps are manufactured to the highest standards for energy efficiency, dependable performance, rugged construction, and long service life.*
*Capacity ($m^3/h$) min. 0.3 max. 18*
*Total Head: max. 285 m*

## *6" Stainless Steel Submersible Pumps*

*SP 6" stainless steel submersible pumps are made of high quality 304 or 316 corrosion resistant stainless steel. Shafts are made of high strength 431 stainless steel. The pumps are designed for efficient and dependable performance, and a long and trouble-free life. The pumps are light in weight and ruggedly constructed for heavy duty applications.*
*All metal parts are made of 304 stainless steel, except for the shaft, which is made of 431 stainless steel (4")*

*Capacity ($m^3/h$) min. 3 max. 78*
*Total Head: max. 433 m*

## *Application 4" - 6"*

- *Potable water supply from deep wells*
- *Agricultural-Irrigation, livestock watering, etc.*
- *Municipal and industrial*
- *Pressure boosting*
- *Mine de-watering*
- *Fountains, etc.*

## *Pumped Liquids*

- *Clean, non-corrosive and non-abrasive liquids.*

## *Operating Conditions*

- *Max. ambient temperature (Liquid): 35 °C*
- *Sand content: Max. 50 $g/m^3$*

## *Features*

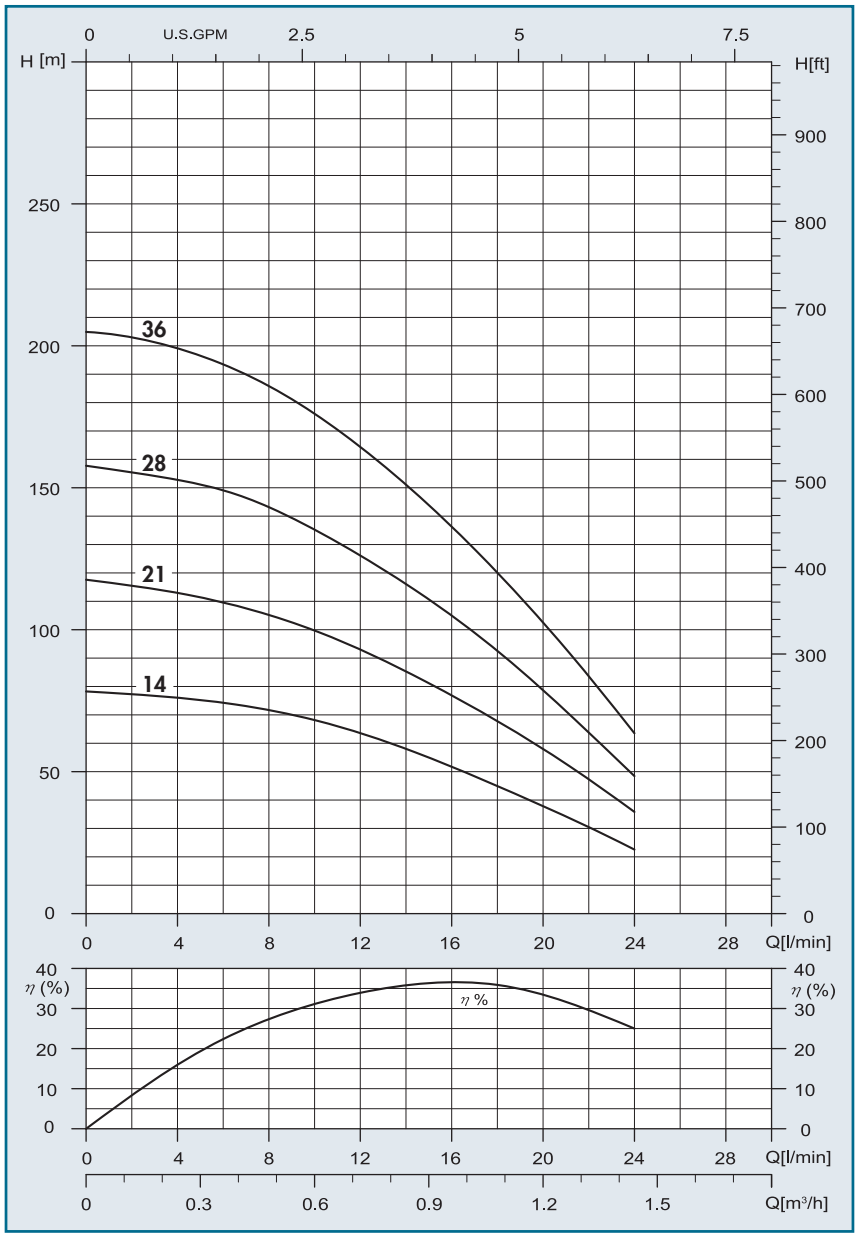
- *Stainless steel construction designed and built for years of trouble free operation*
- *Heavy duty stainless steel discharge head with built-in check valve for long life and ease of installation*
- *Smooth safety hook (4")*
- *Mounting specifications are according to NEMA standards*
- *High quality shaft bearings providing low friction and high wear resistance*
- *Heavy duty stainless steel impellers & diffusers ensuring optimal performance*
- *Stainless steel strainer to restrict the entry of sand and other extraneous material*

# SP 05 (1"1/4)

WORTEX

## POMPE SOMMERSE INOX MULTISTADIO PER POZZI 4"

## *INOX MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS*

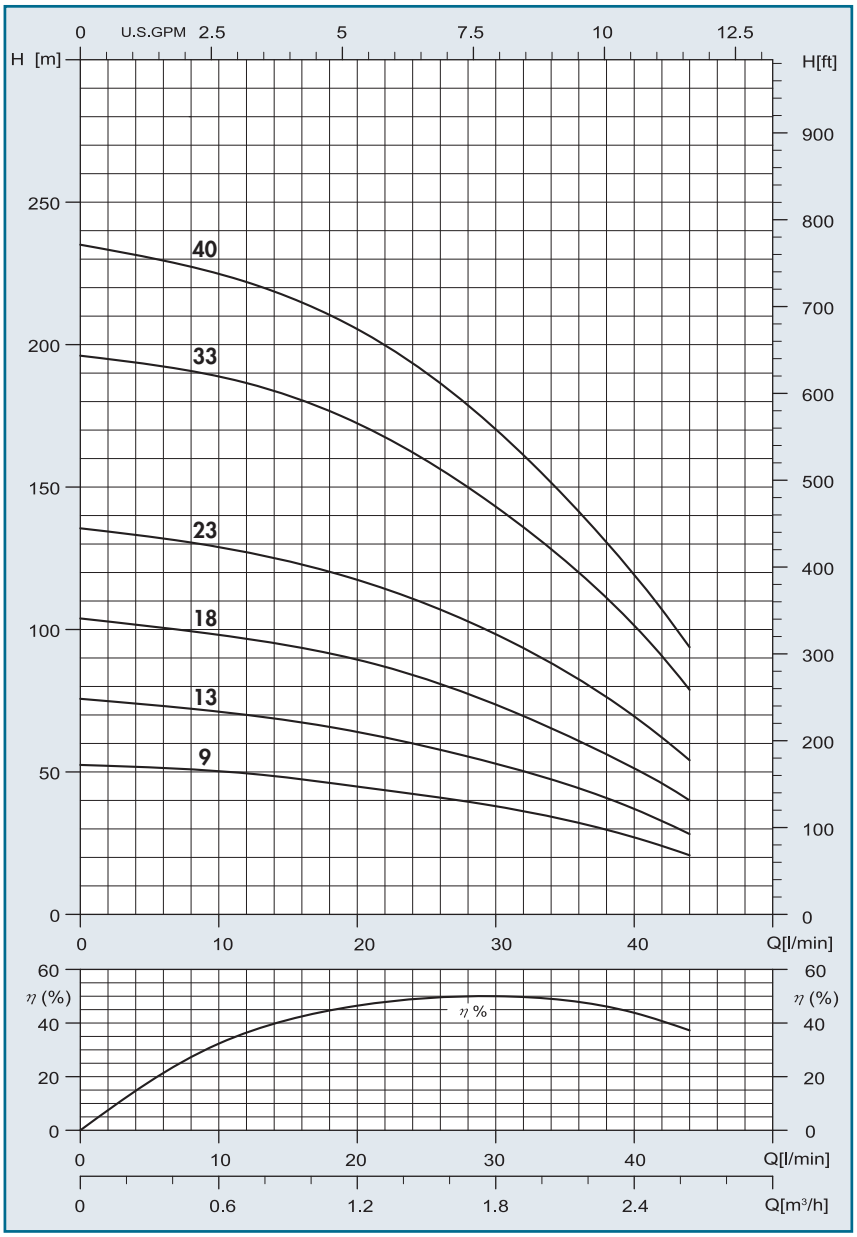



| TIPO *TYPE* | Stadi - *Stages* | Potenza *Power* | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | | | | | | Dimensioni *Dimensions* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KW | HP | l/min 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | Length | Weight |
| | | | | m³/h 0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 | 3.6 | 4.2 | 4.8 | 5.4 | 6.0 | 7.2 | (mm) | (kg) |
| | | | | H = Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | | | | | | | | |
| **SP05-14** | 14 | 0,37 | 0,5 | 79 | 76 | 68 | 56 | 38 | 21 | | | | | | | | | | | | 461 | 3,7 |
| **SP05-21** | 21 | 0,55 | 0,75 | 118 | 112 | 100 | 81 | 58 | 30 | | | | | | | | | | | | 608 | 5,0 |
| **SP05-28** | 28 | 0,75 | 1,0 | 158 | 153 | 138 | 111 | 78 | 42 | | | | | | | | | | | | 755 | 6,2 |
| **SP05-36** | 36 | 1,1 | 1,5 | 205 | 195 | 175 | 134 | 103 | 54 | | | | | | | | | | | | 946 | 9,9 |

# SP 10 (1"1/4)

## POMPE SOMMERSE INOX MULTISTADIO PER POZZI 4"

## *INOX MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS*



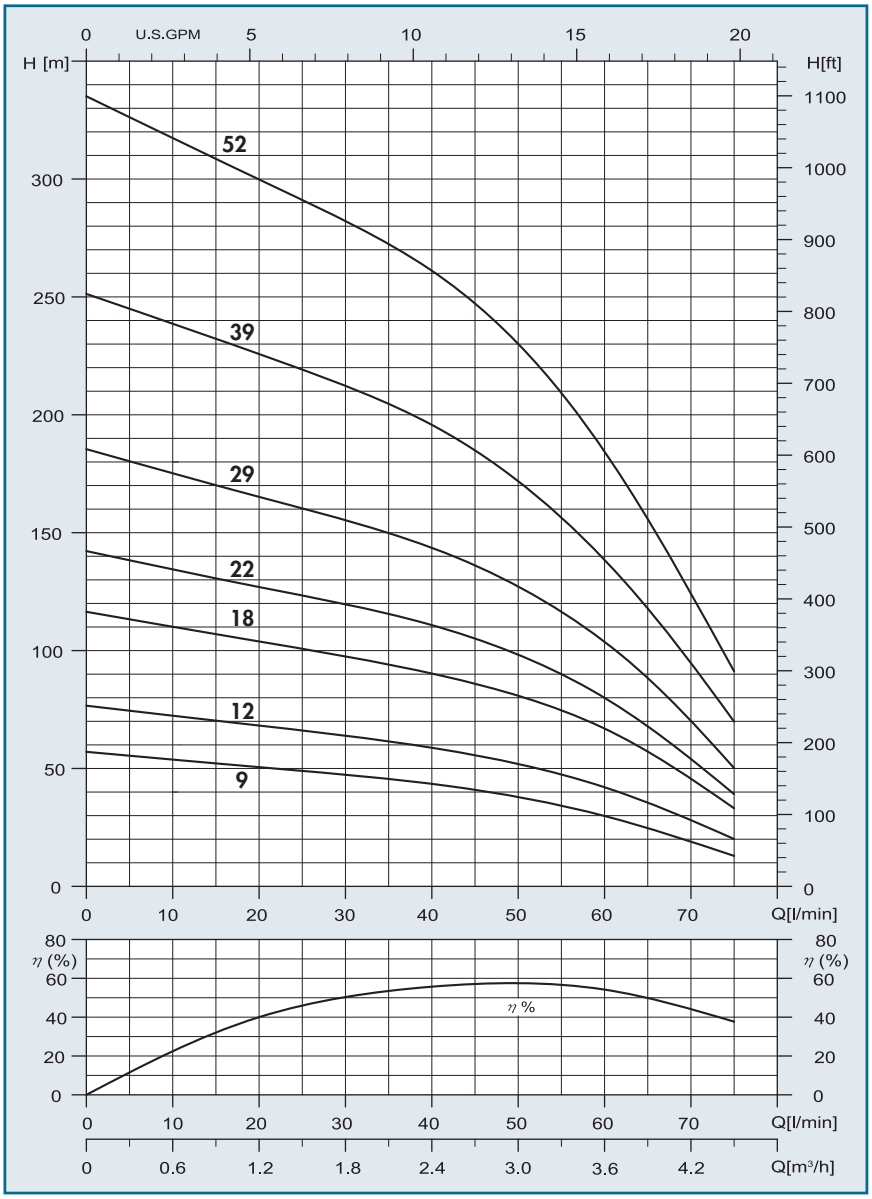

| TIPO *TYPE* | Stadi - *Stages* | Potenza *Power* | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | | | | | Dimensioni *Dimensions* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KW | HP | l/min 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 60 | 70 | 80 | 90 | 100 | Length (mm) | Weight (kg) |
| | | | | m³/h 0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 | 3.6 | 4.2 | 4.8 | 5.4 | 6.0 | | |
| | | | | H = Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | | | | | | | |
| **SP10-09** | 9 | 0,37 | 0,5 | 53 | | | 48 | 45 | 42 | 38 | 33 | 26 | | | | | | | | 356 | 3,0 |
| **SP10-13** | 13 | 0,55 | 0,75 | 77 | | | 68 | 64 | 58 | 54 | 46 | 38 | | | | | | | | 440 | 3,8 |
| **SP10-18** | 18 | 0,75 | 1,0 | 104 | | | 94 | 89 | 83 | 74 | 64 | 51 | | | | | | | | 545 | 4,7 |
| **SP10-23** | 23 | 1,1 | 1,5 | 136 | | | 124 | 118 | 108 | 98 | 84 | 69 | | | | | | | | 650 | 5,7 |
| **SP10-33** | 33 | 1,5 | 2 | 195 | | | 183 | 173 | 159 | 143 | 124 | 102 | | | | | | | | 883 | 9,7 |
| **SP10-40** | 40 | 2,2 | 3 | 235 | | | 218 | 205 | 190 | 170 | 147 | 119 | | | | | | | | 1030 | 11,5 |

# SP 18 (1"1/4)

WORTEX

## POMPE SOMMERSE INOX MULTISTADIO PER POZZI 4"

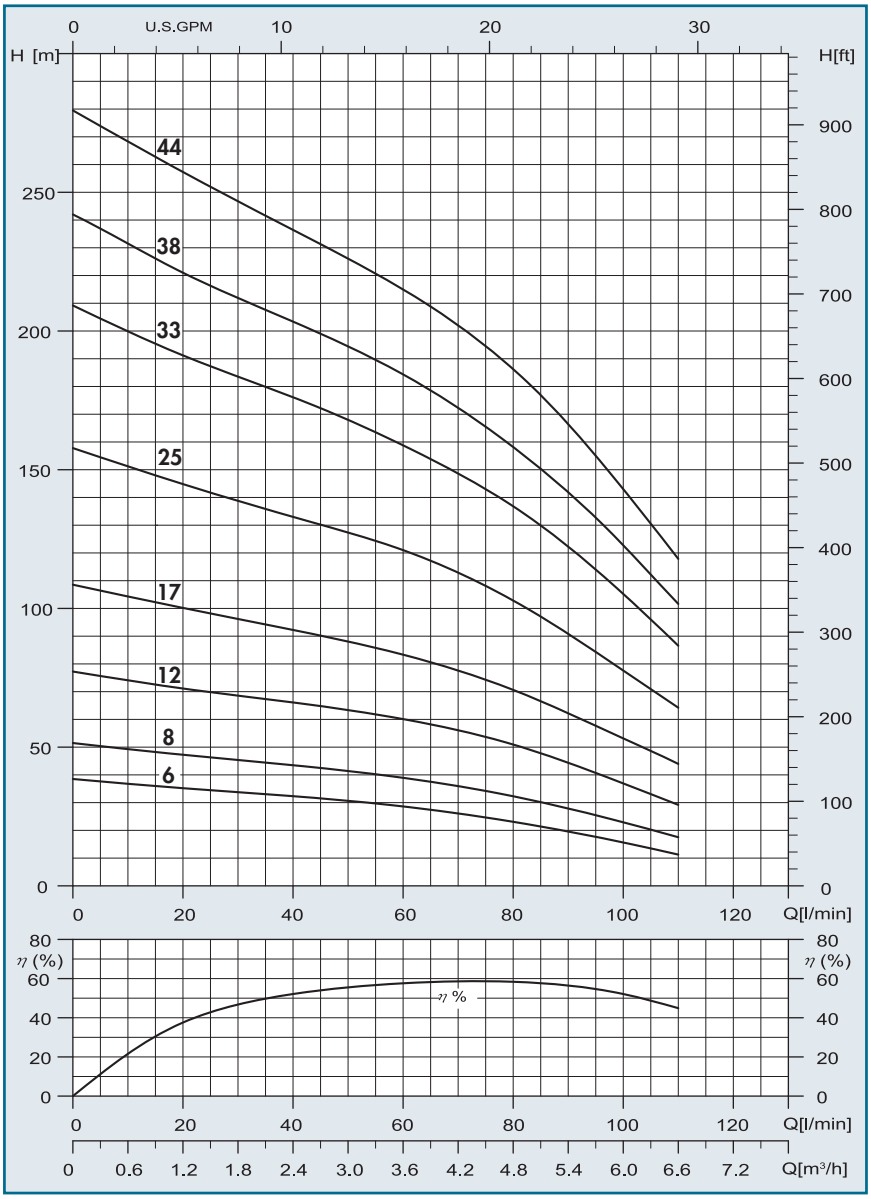
## *INOX MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS*




| TIPO *TYPE* | Stadi - *Stages* | Potenza *Power* | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | | | | | Dimensioni *Dimensions* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KW | HP | l/min 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | Length |
| | | | | m³/h 0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 | 3.6 | 4.2 | 4.8 | 5.4 | 6.0 | 7.2 | Weight |
| | | | | H = Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | | | | | | | (mm) (kg) |
| **SP18-09** | 9 | 0,55 | 0,75 | 57 | | | | | 49 | 47 | 46 | 44 | 41 | 38 | 30 | 19 | | | | | 356 3,0 |
| **SP18-12** | 12 | 0,75 | 1,0 | 77 | | | | | 66 | 64 | 62 | 58 | 56 | 52 | 43 | 28 | | | | | 419 3,6 |
| **SP18-18** | 18 | 1,1 | 1,5 | 116 | | | | | 101 | 97 | 94 | 90 | 85 | 80 | 67 | 45 | | | | | 545 4,7 |
| **SP18-22** | 22 | 1,5 | 2 | 143 | | | | | 127 | 120 | 115 | 110 | 105 | 97 | 80 | 54 | | | | | 629 5,5 |
| **SP18-29** | 29 | 2,2 | 3 | 185 | | | | | 160 | 155 | 149 | 143 | 136 | 127 | 103 | 70 | | | | | 776 6,8 |
| **SP18-39** | 39 | 3 | 4 | 250 | | | | | 219 | 213 | 204 | 195 | 185 | 172 | 138 | 94 | | | | | 1009 11,2 |
| **SP18-52** | 52 | 4 | 5,5 | 334 | | | | | 291 | 282 | 272 | 261 | 247 | 230 | 184 | 123 | | | | | 1282 14,5 |

# WORTEX — SP 25 (1"1/2)

## POMPE SOMMERSE INOX MULTISTADIO PER POZZI 4" - *INOX MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS*

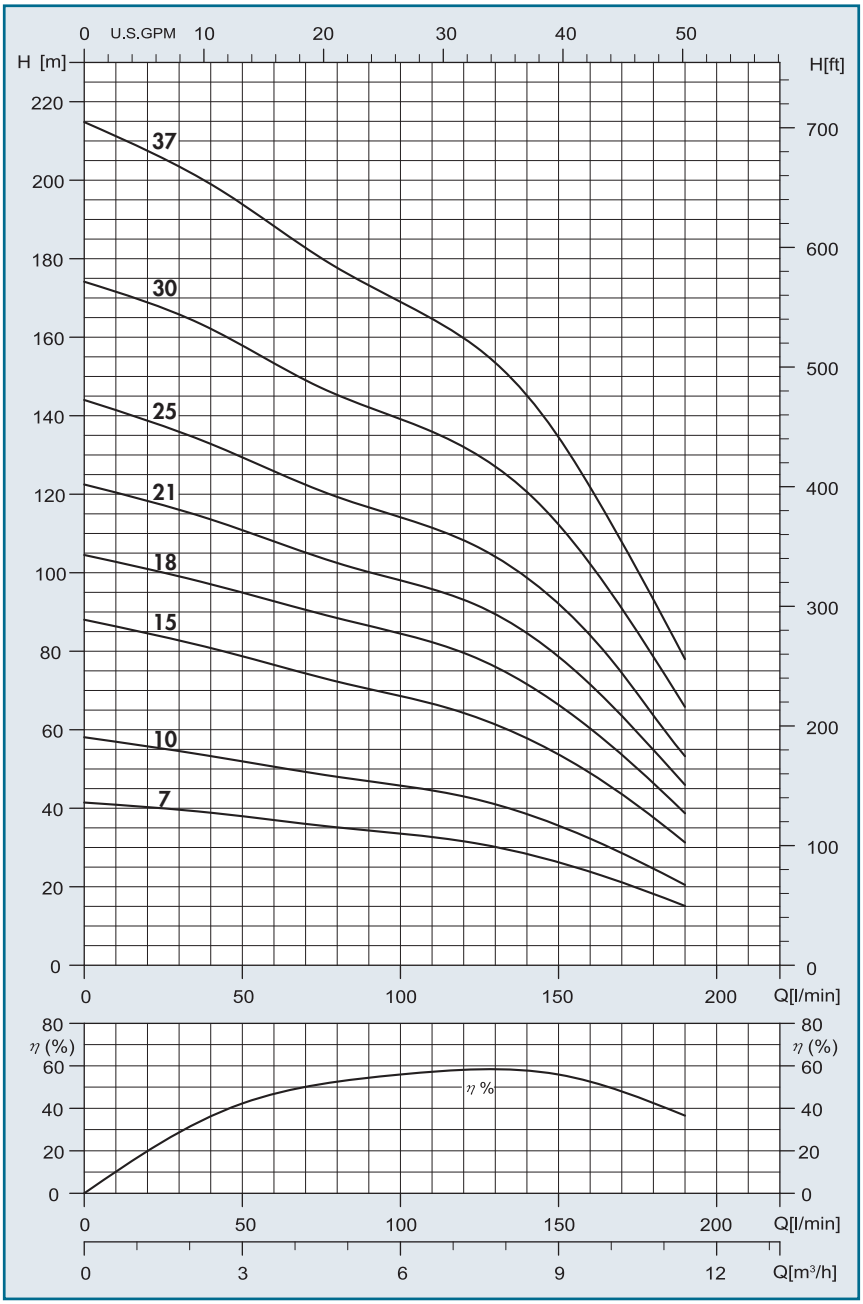



| TIPO *TYPE* | Stadi - *Stages* | Potenza *Power* | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | | | | | | Dimensioni *Dimensions* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KW | HP | l/min 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 140 | 160 | Length | Weight |
| | | | | m³/h 0 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 | 3.6 | 4.2 | 4.8 | 5.4 | 6.0 | 7.2 | 8.4 | 9.6 | (mm) | (kg) |
| | | | | H = Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | | | | | | | | |
| **SP25-06** | 6 | 0,55 | 0,75 | 38 | | | | 34 | 33 | 32 | 31 | 30 | 28 | 26 | 24 | 20 | 16 | | | | 293 | 2,4 |
| **SP25-08** | 8 | 0,75 | 1,0 | 52 | | | | 45 | 44 | 43 | 42 | 41 | 39 | 36 | 33 | 28 | 23 | | | | 335 | 2,8 |
| **SP25-12** | 12 | 1,1 | 1,5 | 77 | | | | 68 | 67 | 66 | 64 | 63 | 60 | 56 | 50 | 44 | 37 | | | | 419 | 3,6 |
| **SP25-17** | 17 | 1,5 | 2 | 108 | | | | 96 | 94 | 93 | 90 | 88 | 84 | 77 | 70 | 63 | 54 | | | | 524 | 4,5 |
| **SP25-25** | 25 | 2,2 | 3 | 157 | | | | 138 | 136 | 133 | 129 | 127 | 121 | 113 | 103 | 90 | 78 | | | | 692 | 6,0 |
| **SP25-33** | 33 | 3 | 4 | 209 | | | | 184 | 180 | 176 | 172 | 168 | 159 | 149 | 137 | 123 | 105 | | | | 868 | 9,6 |
| **SP25-38** | 38 | 4 | 5,5 | 242 | | | | 212 | 208 | 204 | 199 | 194 | 185 | 172 | 158 | 142 | 123 | | | | 973 | 10,9 |
| **SP25-44** | 44 | 4 | 5,5 | 279 | | | | 247 | 242 | 237 | 231 | 226 | 215 | 202 | 187 | 166 | 143 | | | | 1099 | 12,4 |

# SP 40 (2″)

WORTEX

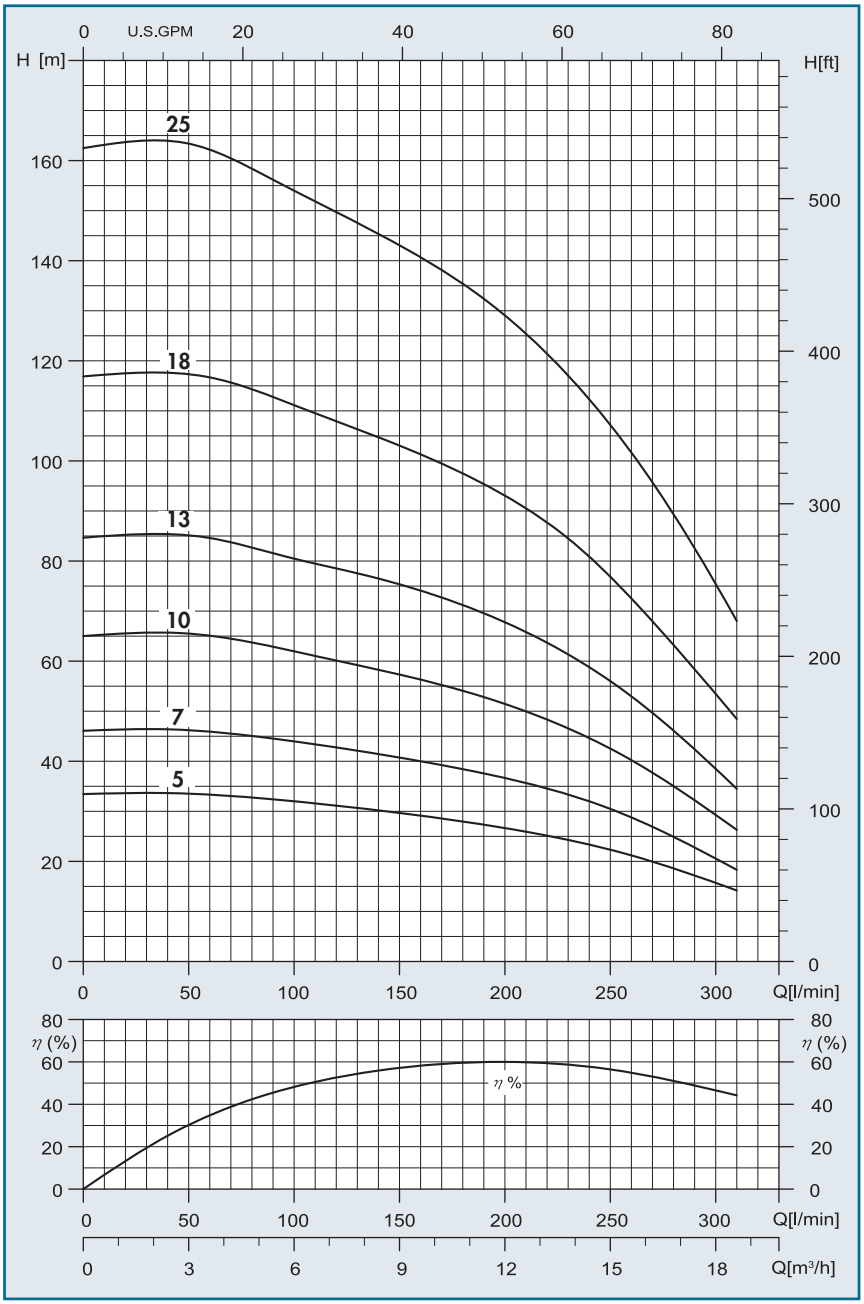
## POMPE SOMMERSE INOX MULTISTADIO PER POZZI 4″ - *INOX MULTISTAGE SUBMERSIBLE PUMPS FOR 4″ WELLS*




| TIPO *TYPE* | Stadi - *Stages* | Potenza *Power* | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | | | | | | | Dimensioni *Dimensions* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KW | HP | l/min 0 | 30 | 35 | 40 | 45 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 140 | 160 | 180 | 200 | 250 | 300 | Length | Weight |
| | | | | m³/h 0 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 | 3.6 | 4.2 | 4.8 | 5.4 | 6.0 | 7.2 | 8.4 | 9.6 | 10.8 | 12 | 15 | 18 | (mm) | (kg) |
| | | | | H = Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | | | | | | | | | |
| **SP40-07** | 7 | 1,1 | 1,5 | 41 | | | 38 | 37 | 36 | 36 | 35 | 35 | 34 | 34 | 32 | 27 | 24 | 17 | | | | 496 | 5,3 |
| **SP40-10** | 10 | 1,5 | 2 | 58 | | | 54 | 53 | 52 | 51 | 49 | 47 | 47 | 46 | 43 | 38 | 32 | 25 | | | | 622 | 6,8 |
| **SP40-15** | 15 | 2,2 | 3 | 87 | | | 80 | 79 | 78 | 76 | 74 | 72 | 70 | 68 | 64 | 57 | 49 | 38 | | | | 832 | 9,3 |
| **SP40-18** | 18 | 3 | 4 | 104 | | | 98 | 96 | 95 | 93 | 90 | 88 | 86 | 84 | 79 | 72 | 60 | 47 | | | | 958 | 10,8 |
| **SP40-21** | 21 | 4 | 5,5 | 122 | | | 114 | 113 | 111 | 107 | 105 | 102 | 100 | 98 | 93 | 85 | 72 | 55 | | | | 1084 | 12,3 |
| **SP40-25** | 25 | 4 | 5,5 | 144 | | | 133 | 131 | 128 | 126 | 123 | 119 | 116 | 114 | 107 | 97 | 84 | 64 | | | | 1252 | 14,3 |
| **SP40-30** | 30 | 5,5 | 7,5 | 174 | | | 163 | 160 | 157 | 154 | 149 | 145 | 142 | 139 | 131 | 120 | 103 | 79 | | | | 1462 | 16,8 |
| **SP40-37** | 37 | 5,5 | 7,5 | 215 | | | 199 | 196 | 194 | 188 | 183 | 177 | 173 | 169 | 160 | 145 | 122 | 93 | | | | 1753 | 20,3 |

# SP 70 (2″)

## POMPE SOMMERSE INOX MULTISTADIO PER POZZI 4″ - *INOX MULTISTAGE SUBMERSIBLE PUMPS FOR 4″ WELLS*

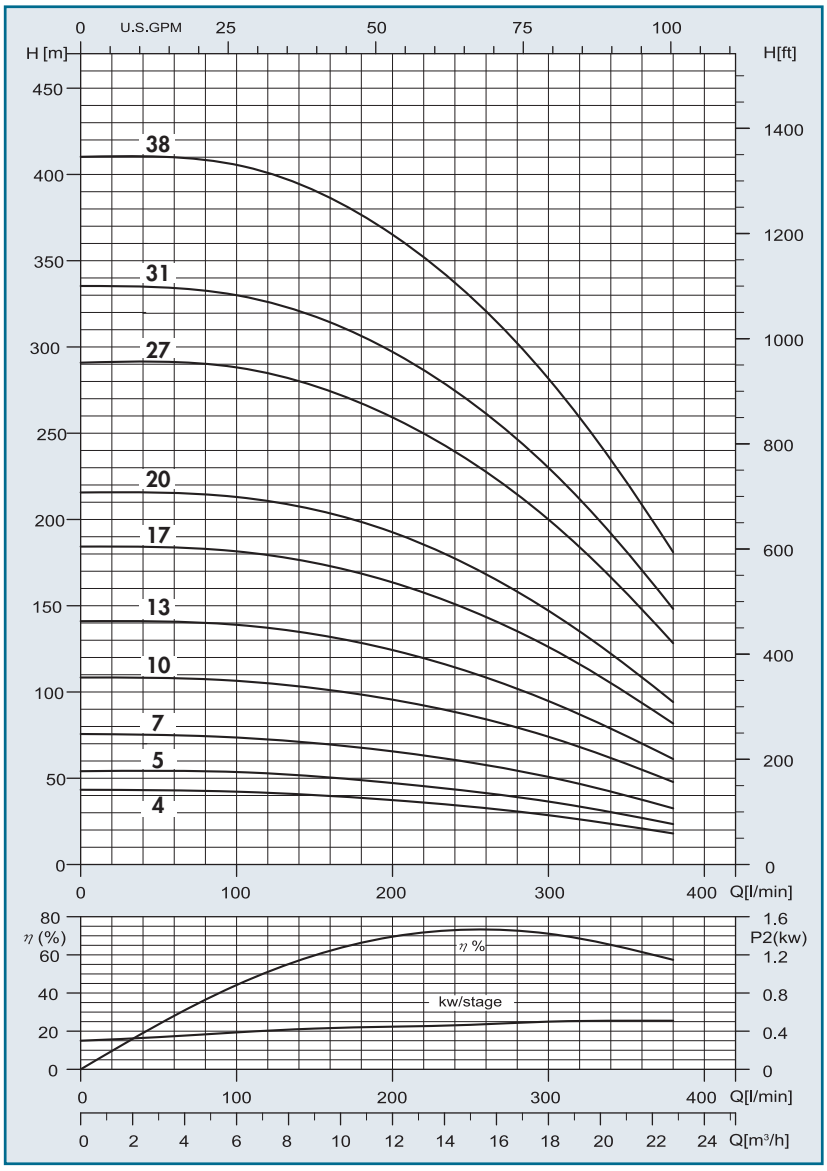



| TIPO *TYPE* | Stadi - *Stages* | Potenza *Power* | | Q = PORTATA - *CAPACITY* | | | | | | | | | | | | | | | | | Dimensioni *Dimensions* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KW | HP | l/min 0 | 70 | 80 | 90 | 100 | 120 | 140 | 160 | 180 | 200 | 250 | 300 | 320 | 340 | 360 | 380 | | Length | Weight |
| | | | | m³/h 0 | 4.2 | 4.8 | 5.4 | 6.0 | 7.2 | 8.4 | 9.6 | 10.8 | 12 | 15 | 18 | 19 | 20 | 22 | 23 | | | |
| | | | | H = Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.* | | | | | | | | | | | | | | | | | (mm) | (kg) |
| **SP70-05** | 5 | 1,5 | 2 | 33 | | | | 32 | 31 | 30 | 28 | 27 | 26 | 22 | 16 | | | | | | 505 | 5,0 |
| **SP70-07** | 7 | 2,2 | 3 | 46 | | | | 44 | 43 | 42 | 40 | 37 | 36 | 30 | 20 | | | | | | 635 | 6,3 |
| **SP70-10** | 10 | 3 | 4 | 65 | | | | 62 | 60 | 58 | 57 | 54 | 52 | 43 | 29 | | | | | | 830 | 8,2 |
| **SP70-13** | 13 | 4 | 5,5 | 84 | | | | 80 | 78 | 77 | 74 | 72 | 67 | 56 | 38 | | | | | | 1025 | 10,2 |
| **SP70-18** | 18 | 5,5 | 7,5 | 117 | | | | 111 | 108 | 104 | 102 | 97 | 93 | 77 | 54 | | | | | | 1350 | 13,4 |
| **SP70-25** | 25 | 7,5 | 10 | 163 | | | | 154 | 149 | 145 | 141 | 135 | 129 | 107 | 75 | | | | | | 1805 | 17,8 |

# SP 90 (2"1/2)

WORTEX

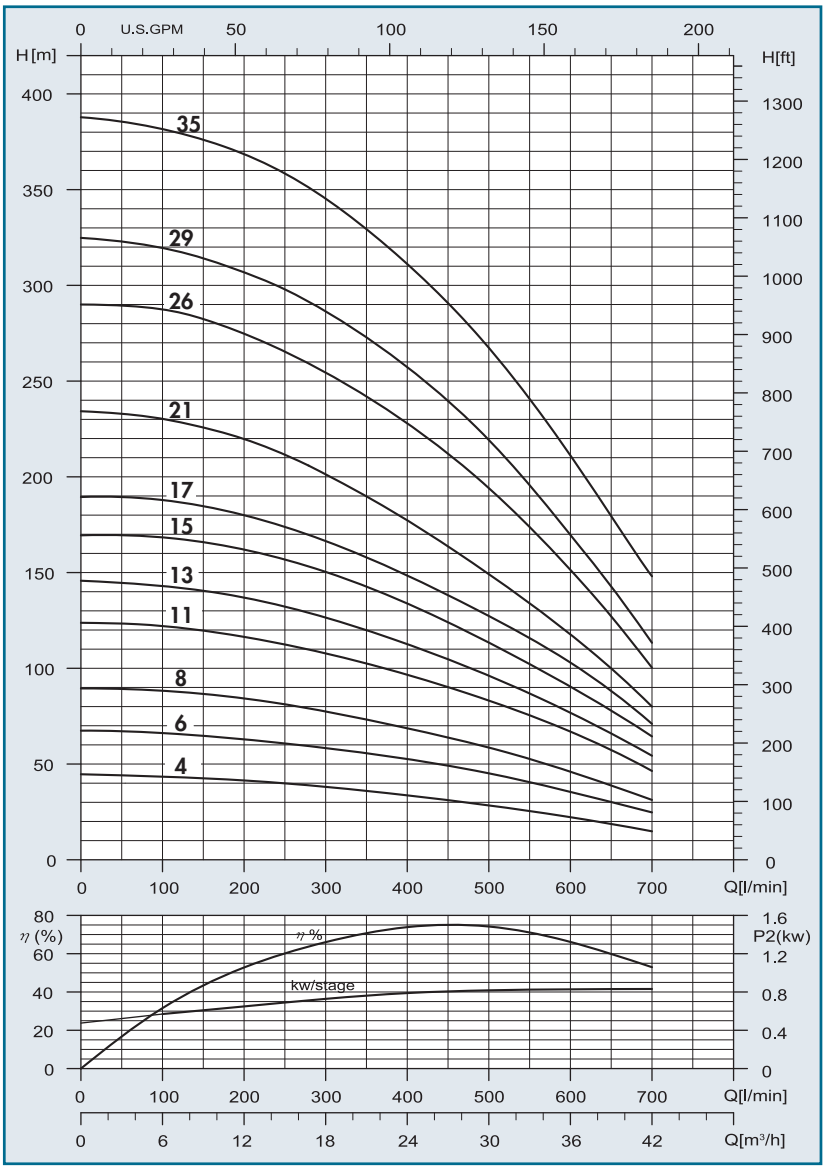
## POMPE SOMMERSE INOX MULTISTADIO PER POZZI 6" - *INOX MULTISTAGE SUBMERSIBLE PUMPS FOR 6" WELLS*




| TIPO *TYPE* | Stadi *Stages* | Potenza - *Power* P2 | | Q = PORTATA - *CAPACITY* 2900 rpm | | | | | | | | | Dimensioni *Dimensions* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KW | HP | m³/h | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 23 | Length | Weight |
| | | | | l/min | 50 | 100 | 150 | 200 | 250 | 300 | 350 | 383 | (mm) | (kg) |
| **SP90-04** | 4 | 2,2 | 3 | H (m) | 42,5 | 42 | 40 | 38 | 33 | 28,5 | 23 | 18 | 524 | 9,3 |
| **SP90-05** | 5 | 3 | 4 | | 53 | 52 | 50,5 | 47,5 | 42,5 | 37 | 28,5 | 22 | 585 | 10,8 |
| **SP90-07** | 7 | 4 | 5,5 | | 75 | 74 | 70 | 66 | 59 | 50,5 | 40 | 32 | 706 | 13,7 |
| **SP90-10** | 10 | 5,5 | 7,5 | | 108 | 107 | 102 | 95 | 86 | 74 | 58 | 48 | 887 | 18 |
| **SP90-13** | 13 | 7,5 | 10 | | 141 | 139 | 133 | 124 | 112 | 95 | 75 | 60 | 1069 | 22,4 |
| **SP90-17** | 17 | 9,3 | 12,5 | | 184 | 182 | 175 | 163 | 147 | 126 | 100 | 80 | 1311 | 28,2 |
| **SP90-20** | 20 | 11 | 15 | | 216 | 213 | 206 | 192 | 173 | 147 | 116 | 95 | 1492 | 32,5 |
| **SP90-27** | 27 | 15 | 20 | | 291 | 288 | 277 | 259 | 234 | 200 | 158 | 128 | 1916 | 42,7 |
| **SP90-31** | 31 | 18,5 | 25 | | 335 | 330 | 318 | 298 | 269 | 230 | 181 | 148 | 2158 | 48,5 |
| **SP90-38** | 38 | 22 | 30 | | 410 | 405 | 390 | 365 | 330 | 281 | 222 | 180 | 2581 | 58,6 |

# WORTEX — SP 150 (3")

## POMPE SOMMERSE INOX MULTISTADIO PER POZZI 6" - *INOX MULTISTAGE SUBMERSIBLE PUMPS FOR 6" WELLS*

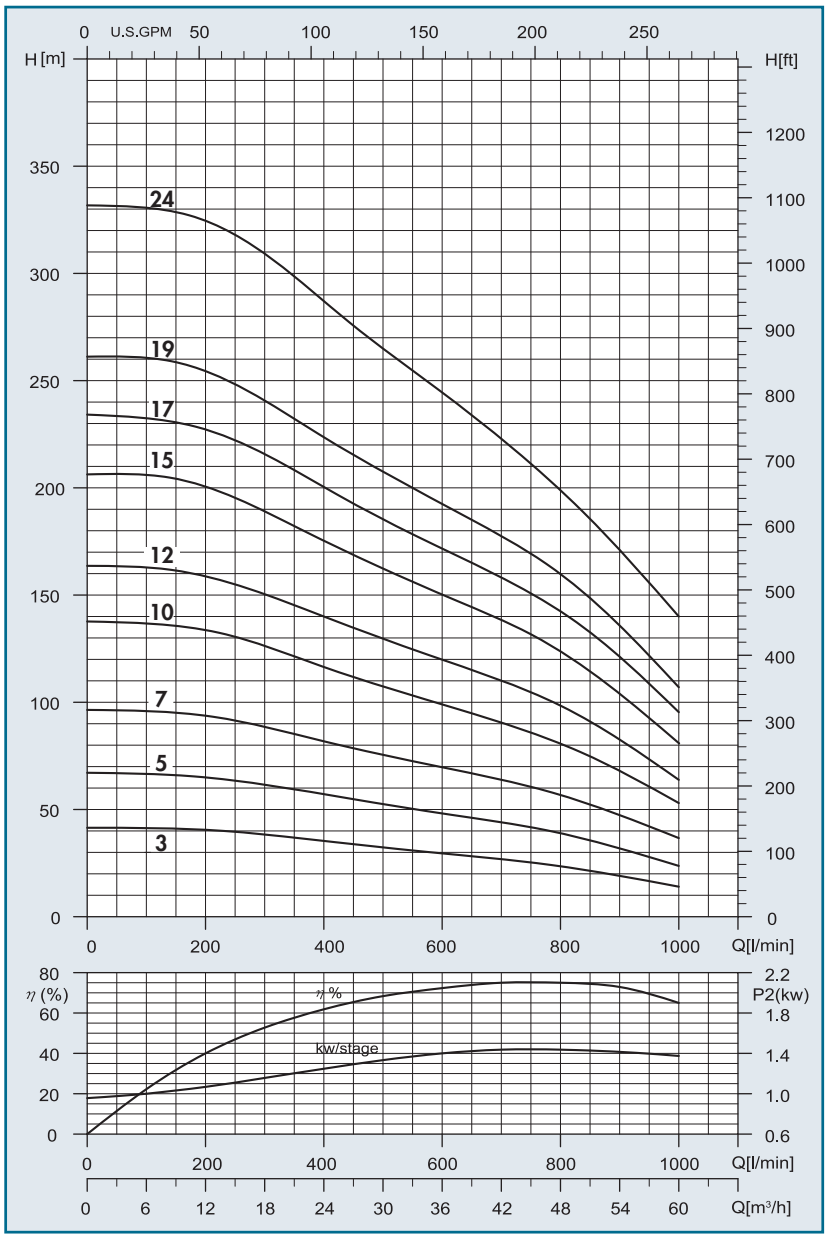



| TIPO *TYPE* | Stadi *Stages* | Potenza - *Power* P2 | | Q = PORTATA - *CAPACITY* 2900 rpm | | | | | | | | | | | | | | | Dimensioni *Dimensions* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KW | HP | m³/h | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | 42 | | Length (mm) | Weight (kg) |
| | | | | l/min | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | | | |
| **SP150-04** | 4 | 3,7 | 5 | H (m) | 43 | 42 | 41 | 40 | 38 | 36 | 34 | 31 | 28 | 26 | 23 | 19 | 15 | | 654 | 11,8 |
| **SP150-06** | 6 | 5,5 | 7,5 | | 67 | 64 | 62 | 60 | 58 | 56 | 52 | 49 | 45 | 40 | 36 | 30 | 25 | | 846 | 15,2 |
| **SP150-08** | 8 | 7,5 | 10 | | 88 | 87 | 84 | 81 | 78 | 73 | 68 | 64 | 58 | 53 | 46 | 38 | 31 | | 1038 | 18,6 |
| **SP150-11** | 11 | 11 | 15 | | 122 | 120 | 117 | 112 | 108 | 102 | 97 | 90 | 83 | 76 | 67 | 57 | 47 | | 1326 | 23,6 |
| **SP150-13** | 13 | 11 | 15 | | 143 | 140 | 137 | 132 | 127 | 120 | 113 | 105 | 97 | 87 | 77 | 66 | 55 | | 1518 | 27 |
| **SP150-15** | 15 | 15 | 20 | | 168 | 166 | 162 | 157 | 150 | 142 | 134 | 124 | 113 | 102 | 90 | 77 | 65 | | 1710 | 30,4 |
| **SP150-17** | 17 | 15 | 20 | | 188 | 185 | 180 | 173 | 167 | 158 | 148 | 138 | 127 | 116 | 103 | 88 | 71 | | 1902 | 33,8 |
| **SP150-21** | 21 | 18,5 | 25 | | 230 | 226 | 220 | 212 | 202 | 190 | 177 | 164 | 149 | 134 | 117 | 100 | 80 | | 2286 | 40,6 |
| **SP150-26** | 26 | 22 | 30 | | 287 | 282 | 275 | 266 | 255 | 242 | 227 | 212 | 194 | 173 | 152 | 127 | 100 | | 2766 | 49 |
| **SP150-29** | 29 | 26 | 35 | | 319 | 314 | 307 | 298 | 287 | 273 | 257 | 240 | 220 | 196 | 170 | 143 | 113 | | 3054 | 54,1 |
| **SP150-35** | 35 | 30 | 40 | | 382 | 377 | 368 | 358 | 346 | 329 | 311 | 290 | 267 | 240 | 211 | 180 | 148 | | 3630 | 64,3 |

# SP 230 (3″)

WORTEX

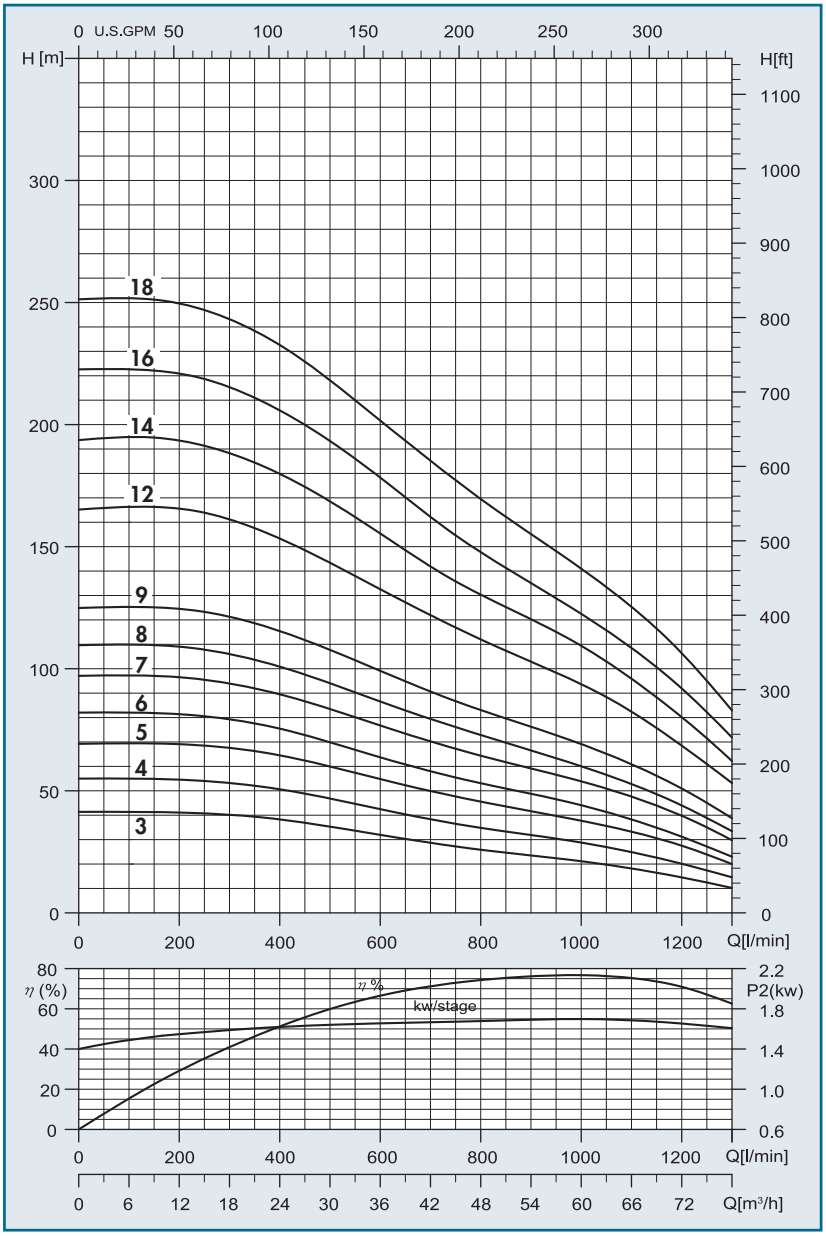
## POMPE SOMMERSE INOX MULTISTADIO PER POZZI 6″ - *INOX MULTISTAGE SUBMERSIBLE PUMPS FOR 6″ WELLS*




| TIPO *TYPE* | Stadi *Stages* | Potenza - *Power* P2 | | Q = PORTATA - *CAPACITY* 2900 rpm | | | | | | | | | | | | | | Dimensioni *Dimensions* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KW | HP | m³/h | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 36 | 42 | 48 | 54 | 60 | | Length (mm) | Weight (kg) |
| | | | | l/min | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 | 700 | 800 | 900 | 1000 | | | |
| **SP230-03** | 3 | 5,5 | 7,5 | H (m) | 40 | 39 | 38 | 37 | 35 | 34 | 33 | 29 | 27 | 23 | 18 | 14 | | 609 | 11,5 |
| **SP230-05** | 5 | 7,5 | 10 | | 65 | 63 | 61 | 59 | 57 | 55 | 53 | 48 | 44 | 39 | 32 | 24 | | 835 | 16 |
| **SP230-07** | 7 | 11 | 15 | | 94 | 92 | 88 | 85 | 82 | 79 | 76 | 70 | 64 | 57 | 47 | 37 | | 1061 | 20,6 |
| **SP230-10** | 10 | 15 | 20 | | 133 | 130 | 127 | 122 | 117 | 112 | 107 | 98 | 90 | 80 | 67 | 53 | | 1400 | 27,4 |
| **SP230-12** | 12 | 18,5 | 25 | | 158 | 155 | 150 | 145 | 140 | 135 | 130 | 120 | 110 | 98 | 83 | 64 | | 1626 | 32 |
| **SP230-15** | 15 | 22 | 30 | | 200 | 195 | 189 | 183 | 176 | 169 | 163 | 150 | 138 | 124 | 103 | 81 | | 1965 | 38,8 |
| **SP230-17** | 17 | 26 | 35 | | 227 | 222 | 215 | 208 | 200 | 193 | 186 | 172 | 158 | 143 | 121 | 96 | | 2191 | 43,4 |
| **SP230-19** | 19 | 30 | 40 | | 254 | 248 | 241 | 233 | 224 | 216 | 208 | 193 | 178 | 160 | 136 | 107 | | 2417 | 47,9 |
| **SP230-24** | 24 | 37 | 50 | | 325 | 317 | 309 | 298 | 287 | 276 | 265 | 244 | 223 | 199 | 171 | 140 | | 2982 | 59,3 |

# SP 300 (4")

## POMPE SOMMERSE INOX MULTISTADIO PER POZZI 6" - *INOX MULTISTAGE SUBMERSIBLE PUMPS FOR 6" WELLS*




| TIPO *TYPE* | Stadi *Stages* | Potenza - *Power* P2 | | Q = PORTATA - *CAPACITY* 2900 rpm | | | | | | | | | | | | | | Dimensioni *Dimensions* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KW | HP | m³/h | 18 | 21 | 24 | 27 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | Length (mm) | Weight (kg) |
| | | | | l/min | 300 | 350 | 400 | 450 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | | |
| **SP300-03** | 3 | 5,5 | 7,5 | H (m) | 40 | 39 | 38 | 37 | 36 | 32 | 28 | 26 | 24 | 21 | 18 | 14 | 10 | 609 | 11,5 |
| **SP300-04** | 4 | 7,5 | 10 | | 53 | 52 | 51 | 48 | 47 | 43 | 38 | 35 | 32 | 28 | 25 | 20 | 14 | 722 | 13,7 |
| **SP300-05** | 5 | 9,3 | 12,5 | | 67 | 66 | 64 | 62 | 60 | 55 | 50 | 46 | 42 | 38 | 33 | 27 | 19 | 835 | 16 |
| **SP300-06** | 6 | 11 | 15 | | 79 | 78 | 76 | 73 | 70 | 64 | 58 | 53 | 48 | 44 | 38 | 32 | 23 | 948 | 18,3 |
| **SP300-07** | 7 | 13 | 17,5 | | 94 | 92 | 89 | 86 | 84 | 77 | 70 | 64 | 59 | 54 | 47 | 40 | 29 | 1061 | 20,6 |
| **SP300-08** | 8 | 15 | 20 | | 106 | 104 | 101 | 97 | 94 | 87 | 80 | 73 | 67 | 60 | 53 | 44 | 33 | 1174 | 22,9 |
| **SP300-09** | 9 | 18,5 | 25 | | 122 | 118 | 116 | 112 | 108 | 99 | 91 | 83 | 76 | 69 | 61 | 51 | 38 | 1287 | 25,1 |
| **SP300-12** | 12 | 22 | 30 | | 162 | 157 | 153 | 148 | 143 | 133 | 122 | 112 | 103 | 94 | 83 | 68 | 53 | 1626 | 32 |
| **SP300-14** | 14 | 26 | 35 | | 188 | 184 | 180 | 175 | 168 | 156 | 142 | 130 | 120 | 109 | 96 | 80 | 63 | 1852 | 36,5 |
| **SP300-16** | 16 | 30 | 40 | | 216 | 211 | 206 | 200 | 193 | 178 | 162 | 148 | 135 | 123 | 108 | 92 | 72 | 2078 | 41,1 |
| **SP300-18** | 18 | 37 | 50 | | 243 | 238 | 233 | 226 | 218 | 202 | 185 | 170 | 155 | 141 | 126 | 107 | 83 | 2304 | 45,7 |

# 4-MW

WORTEX

## 4" MOTORI SOMMERSI
## 4" *SUBMERSIBLE MOTOR*

Isolamento classe F
Protezione IP68
Partenza/ora 40 max.
Camicia esterna Acciao Inox
Tenute meccanica Ceramica/Carbone

*Insulation Class F*
*Protection IP 68*
*Start/hour 40 max.*
*External casing Stainless Steel*
*Mechanical seal Ceramic/Graphite*

## DATI TECNICI *TECHNICAL DATA*

### MOTORI MONOFASE 50Hz *SINGLE-PHASE MOTORS 50 Hz*

| TIPO *TYPE* | P2 | | Voltage | In | Istart | Efficiency | COSφ | RPM | Thrust Load | Condensatore *Capacitor* | Cavo - *Cable* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | HP | V | A | A | | | | N | | mm² | m |
| **4-MW 0,5** | 0.37 | 0.5 | 230 | 3.7 | 12 | 0.53 | 0.95 | 2840 | 2000 | 16 µF | 1.5 | 1.7 |
| **4-MW 0,75** | 0.55 | 0.75 | 230 | 5 | 15 | 0.62 | 0.90 | 2840 | 2000 | 20 µF | 1.5 | 1.7 |
| **4-MW 1** | 0.75 | 1 | 230 | 6.2 | 20 | 0.64 | 0.90 | 2840 | 2000 | 25 µF | 1.5 | 1.7 |
| **4-MW 1,5** | 1.1 | 1.5 | 230 | 8.1 | 32 | 0.68 | 0.90 | 2850 | 2000 | 35 µF | 1.5 | 1.7 |
| **4-MW 2** | 1.5 | 2 | 230 | 10.4 | 38 | 0.73 | 0.90 | 2850 | 2000 | 40 µF | 1.5 | 1.7 |
| **4-MW 3** | 2.2 | 3 | 230 | 15 | 46 | 0.72 | 0.88 | 2820 | 3000 | 55 µF | 1.5 | 2.5 |

## DATI TECNICI - *TECHNICAL DATA*

### MOTORI TRIFASE 50Hz *THREE-PHASE MOTORS 50 Hz*

| TIPO *TYPE* | P2 | | Voltage | In | Istart | Efficiency | COSφ | RPM | Thrust Load | Cavo - *Cable* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | HP | V | A | A | | | | N | mm² | m |
| **4-MWt 0,5** | 0.37 | 0.5 | 400 | 1.6 | 4.5 | 0.60 | 0.78 | 2820 | 2000 | 1.5 | 1.7 |
| **4-MWt 0,75** | 0.55 | 0.75 | 400 | 1.9 | 6.7 | 0.64 | 0.78 | 2830 | 2000 | 1.5 | 1.7 |
| **4-MWt 1** | 0.75 | 1 | 400 | 2.3 | 8.9 | 0.66 | 0.78 | 2830 | 2000 | 1.5 | 1.7 |
| **4-MWt 1,5** | 1.1 | 1.5 | 400 | 3.1 | 12 | 0.70 | 0.84 | 2840 | 2000 | 1.5 | 1.7 |
| **4-MWt 2** | 1.5 | 2 | 400 | 4 | 14 | 0.72 | 0.84 | 2840 | 2000 | 1.5 | 1.7 |
| **4-MWt 3** | 2.2 | 3 | 400 | 5.6 | 22 | 0.71 | 0.83 | 2840 | 3000 | 1.5 | 2.5 |
| **4-MWt 4** | 3 | 4 | 400 | 7.4 | 43 | 0.73 | 0.80 | 2850 | 5000 | 1.5 | 2.5 |
| **4-MWt 5,5** | 4 | 5.5 | 400 | 9.8 | 49 | 0.75 | 0.80 | 2855 | 5000 | 1.5 | 2.5 |
| **4-MWt 7,5** | 5.5 | 7.5 | 400 | 13.7 | 65 | 0.75 | 0.80 | 2850 | 5000 | 1.5 | 2.5 |
| **4-MWt 10** | 7.5 | 10 | 400 | 18.7 | 87 | 0.76 | 0.80 | 2850 | 5000 | 1.5 | 2.5 |

# 6-MWt

## 6" MOTORI SOMMERSI
## 6" *SUBMERSIBLE MOTOR*

Isolamento classe B
Protezione IP68
Partenza/ora 10 max.
Camicia esterna Acciao Inox
Tenuta meccanica Carburo di silicio

*Insulation Class B*
*Protection IP 68*
*Start/hour 10 max.*
*External casing Stainless Steel*
*Mechanical seal Silicon carbide*

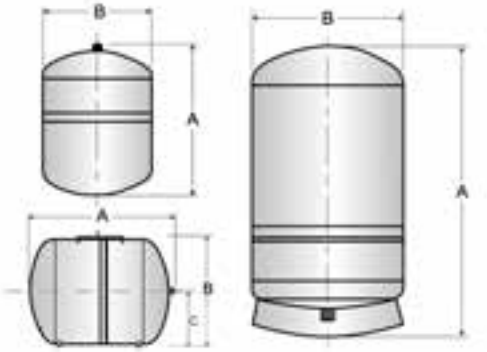
## DATI TECNICI
## *TECHNICAL DATA*

### MOTORI TRIFASE 50Hz
### *THREE-PHASE MOTORS 50 Hz*

| TIPO *TYPE* | P2 | | Voltage | Current (A) | | Efficiency (η%) | | | | COSφ | | | | RPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | HP | V | 100% | 115% | 50% | 75% | 100% | 115% | 50% | 75% | 100% | 115% | |
| **6-MWt 5,5** | 4 | 5,5 | 400 | 10,3 | 11,4 | 60,3 | 63,6 | 70,6 | 70 | 0,68 | 0,79 | 0,84 | 0,87 | 2890 |
| **6-MWt 7,5** | 5,5 | 7,5 | 400 | 12,9 | 14,6 | 66,1 | 70,9 | 73,3 | 72,9 | 0,70 | 0,79 | 0,87 | 0,88 | 2868 |
| **6-MWt 10** | 7,5 | 10 | 400 | 17,5 | 18,8 | 71,5 | 74,7 | 75,9 | 78,1 | 0,77 | 0,77 | 0,83 | 0,86 | 2863 |
| **6-MWt 12,5** | 9,3 | 12,5 | 400 | 21,8 | 23,7 | 67,5 | 75 | 76,1 | 76,6 | 0,69 | 0,78 | 0,84 | 0,87 | 2850 |
| **6-MWt 15** | 11 | 15 | 400 | 25,2 | 27,8 | 73,1 | 77,7 | 78,2 | 77,9 | 0,69 | 0,79 | 0,84 | 0,87 | 2856 |
| **6-MWt 17,5** | 13 | 17,5 | 400 | 28,5 | 32,1 | 73,9 | 76,4 | 79,3 | 78,7 | 0,70 | 0,80 | 0,86 | 0,88 | 2860 |
| **6-MWt 20** | 15 | 20 | 400 | 33,4 | 36,3 | 73,3 | 80,4 | 80,5 | 79,9 | 0,66 | 0,74 | 0,83 | 0,88 | 2867 |
| **6-MWt 25** | 18,5 | 25 | 400 | 39,9 | 43,1 | 77,3 | 82,1 | 83,2 | 81,7 | 0,64 | 0,76 | 0,82 | 0,88 | 2863 |
| **6-MWt 30** | 22 | 30 | 400 | 47,6 | 52,1 | 80,5 | 84,1 | 83,7 | 82,3 | 0,67 | 0,78 | 0,84 | 0,89 | 2852 |
| **6-MWt 35** | 26 | 35 | 400 | 54,2 | 59,8 | 80,2 | 84,3 | 83,2 | 82 | 0,70 | 0,80 | 0,85 | 0,89 | 2841 |
| **6-MWt 40** | 30 | 40 | 400 | 62 | 70,2 | 80,6 | 83,9 | 84 | 82,8 | 0,68 | 0,79 | 0,86 | 0,89 | 2853 |
| **6-MWt 50** | 37 | 50 | 400 | 73,1 | 84 | 84,3 | 86,7 | 84,7 | 83,1 | 0,70 | 0,81 | 0,89 | 0,90 | 2831 |
| **6-MWt 60** | 45 | 60 | 400 | 92,1 | 102 | 82,6 | 85,7 | 84,8 | 83,2 | 0,67 | 0,79 | 0,85 | 0,89 | 2834 |

# SERBATOI
# *TANK*

WORTEX




Tenuta stagna, coperchio valvola di sfiato con o-ring
*Leak free, o-ring sealed air valve cap*

Rivestimento finitura Epoxy
*Epoxy coating finish*

Membrane in butile
*Butyl diaphgram*

Fodero in polipropilene
*Polypropylene liner*

Connettore in acciaio inossidabile
*Stainless steel connector*

Base plastica 18L-24L / Base Acciaio 58L-80L
*Plastic base 18L-24L / Steel base 58L-80L*

Tenuta stagna, coperchio valvola di sfiato con o-ring
*Leak free, o-ring sealed air valve cap*

Membrane in butile
*Butyl diaphgram*

Rivestimento finitura Epoxy
*Epoxy coating finish*

Fodero in polipropilene
*Polypropylene liner*

Connettore in acciaio
*Stainless steel connector*

Piede plastica 18L-24L / Piede Acciaio 58L-80L
*Plastic feet 18L-24L / Steel feet 58L-80L*

| MODELLO - *MODEL* | VOLUME liter | DIMENSIONS | | CONNECTION | SHIPPING Volume (box) | SHIPPING Weigth |
|---|---|---|---|---|---|---|
| | | A mm | B mm | | | |
| **SPTB 8** | 8 | 300 | 202 | 1" | 0.016 cu. M | 2.5 kg |
| **SPTB 18** | 18 | 380 | 276 | 1" | 0.031 cu. M | 4.2 kg |
| **SPTB 24** | 24 | 420 | 290 | 1" | 0.041 cu. M | 4.7 kg |
| Modelli verticali con base - *Vertical models with base* | | | | | | |
| **SPTB 58 V** | 58 | 560 | 390 | 1" | 0.099 cu. M | 11.5 kg |
| **SPTB 80 V** | 80 | 680 | 390 | 1" | 0.131 cu. M | 13 kg |
| **SPTB 160 V** | 160 | 910 | 560 | 1 1/4" | 0.313 cu. M | 25 kg |
| Modelli orizzontali - *Horizontal models* | | | | | | |
| **SPTB 18 H** | 18 | 380 | 310 | 1" | 0.038 cu. M | 4,5 kg |
| **SPTB 24 H** | 24 | 420 | 320 | 1" | 0.042 cu. M | 5 kg |
| **SPTB 58 H** | 58 | 530 | 430 | 1" | 0.100 cu. M | 10,5 kg |
| **SPTB 80 H** | 80 | 720 | 430 | 1" | 0.137 cu. M | 13 kg |

Tutti i collegamenti sono in acciaio inossidabile. Tutti i serbatoi sono precaricate a 2 bar, salvo diversamente indicato. Pressione massima: 10 bar. Temperatura massima: 90°C
*All connections are stainless steel. All tanks are pre-charged at 2 bar unless stated otherwise. Maximum Working Pressure: 10 bar. Maximum Working Temperature: 90°C*

IDROSFERA A MEMBRANA *MEMBRANE PRESSURE TANK*

| TIPO - *TYPE* | PRESSIONE MAX. *MAX. PRESSURE* | CAPACITÀ LITRI *CAPACITY LITERS* | RACCORDO *CONNECTOR* |
|---|---|---|---|
| **ISV 24** | 8 bar | 24 | 1" |

IDROPRESS A MEMBRANA *MEMBRANE PRESSURE TANK*

| TIPO - *TYPE* | PRESSIONE MAX. *MAX. PRESSURE* | CAPACITÀ LITRI *CAPACITY LITERS* | RACCORDO *CONNECTOR* |
|---|---|---|---|
| **IPH 22** | 8 bar | 22 | 1" |
| **IPH 25** | 8 bar | 25 | 1" |
| **IPH 40** | 10 bar | 40 | 1" |
| **IPH 50** | 10 bar | 50 | 1" |
| **IPH 60** | 10 bar | 60 | 1" |
| **IPH 80** | 10 bar | 80 | 1" |
| **IPH 100** | 10 bar | 100 | 1" |
| **IPH 200** | 10 bar | 200 | 1"1/2 |
| **IPH 300** | 10 bar | 300 | 1"1/2 |

IDROSFERA A MEMBRANA *MEMBRANE PRESSURE TANK*

| TIPO - *TYPE* | PRESSIONE MAX. *MAX. PRESSURE* | CAPACITÀ LITRI *CAPACITY LITERS* | RACCORDO *CONNECTOR* |
|---|---|---|---|
| **ISV 50** | 10 bar | 50 | 1" |
| **ISV 60** | 10 bar | 60 | 1" |
| **ISV 80** | 10 bar | 80 | 1" |
| **ISV 100** | 10 bar | 100 | 1" |
| **ISV 200** | 10 bar | 200 | 1"1/2 |
| **ISV 300** | 10 bar | 300 | 1"1/2 |
| **ISV 500** | 10 bar | 500 | 1"1/2 |
| **ISV 750** | 10 bar | 750 | 1"1/2 |
| **ISV 1000** | 10 bar | 1000 | 2" |

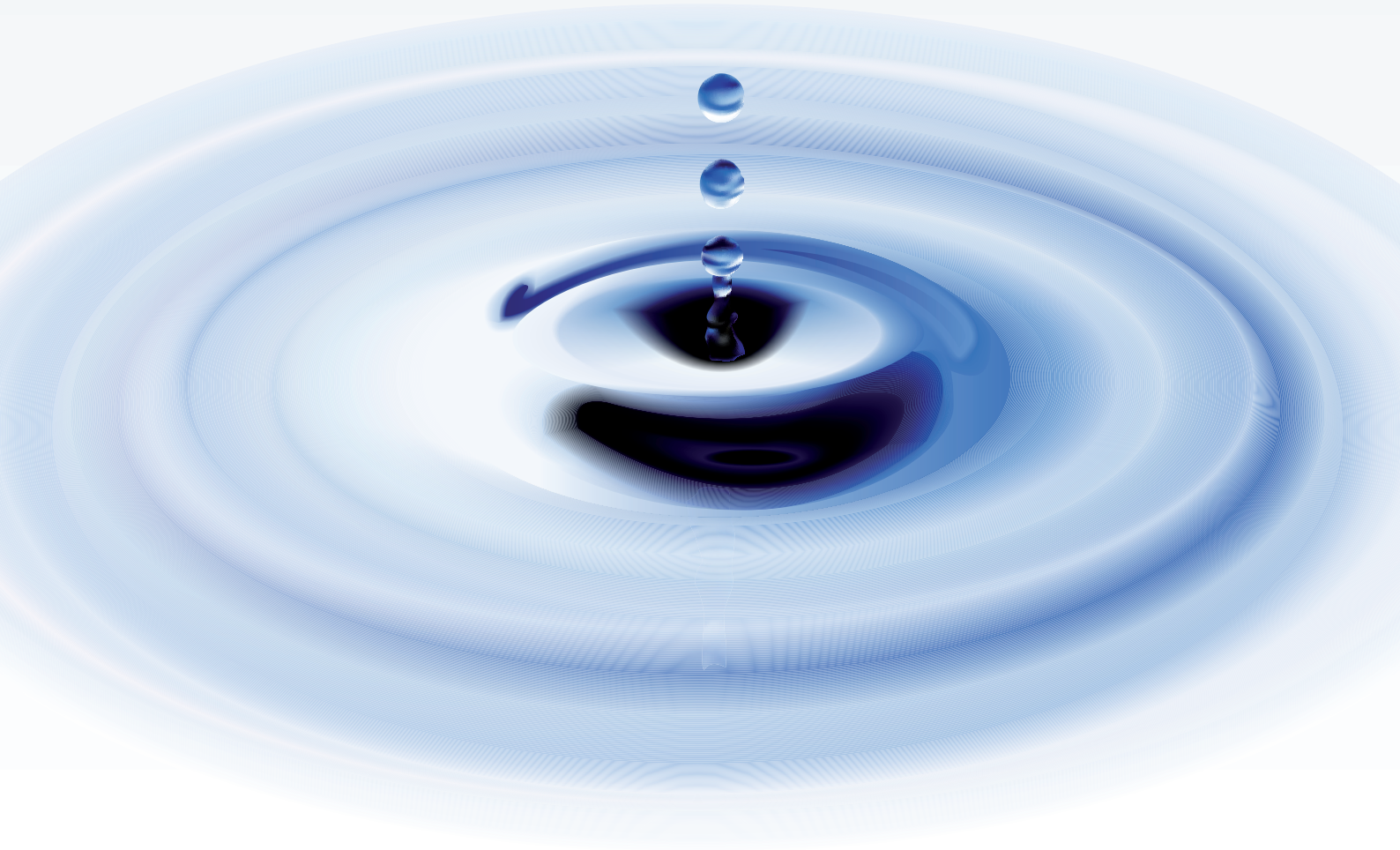
**SET ISV 24**

| COMPONENTI - *COMPONENTS* |
|---|
| • Serbatoio 24 lt. verticale - *Vertical tank 24 lt.* |
| • Manometro scala 0÷6 bar - *Pressure gauge* |
| • Raccordo ottone 5 vie - *5 ways connector* |
| • Pressostato - *Pressure switch* |

**SET IPH 25**

| COMPONENTI - *COMPONENTS* |
|---|
| • Serbatoio 25 lt. orrizzontale - *Horizontal tank 25 lt.* |
| • Manometro scala 0÷6 bar - *Pressure gauge* |
| • Tubo flessibile 520 mm - *Flexible hose* |
| • Raccordo ottone 5 vie - *5 ways connector* |
| • Pressostato - *Pressure switch* |

Note



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