# BTP-200A~280A



**Applicazioni**
Elettropompe per il ricircolo dell'acqua in spa, minipiscine ed idromassaggio in piscina.

***Applications***
*Pumps for water circulation in spa, small swimming pool and whirlpool.*

| **Componente** *Component* | **Materiale** *Material* |
|---|---|
| Corpo pompa *Pump's body* | PPGF30 |
| Girante *Impeller* | PPOGF20 |
| Albero motore *Motor shaft* | AISI 316 |
| Tenuta meccanica *Mechanical seal* | Silicio & Silicio *Silicon & Silicon* |
| Carcassa motore *Motor housing* | Alluminio L-2521 *Alluminum L-2521* |

**Motore e caratteristiche**
Motore asincrono a due poli TEFC
Classe isolamento F
Grado di protezione IP55
Funzionamento continuo S1
Alimentazione monofase a 230V-50Hz con protezione termica

***Motor and features***
*Closed asynchronous two poles motor TEFC*
*Insulation class F*
*Protection degree IP55*
*Continuous operation S1*
*Power supply: single-phase 230V-50Hz with thermal protection.*

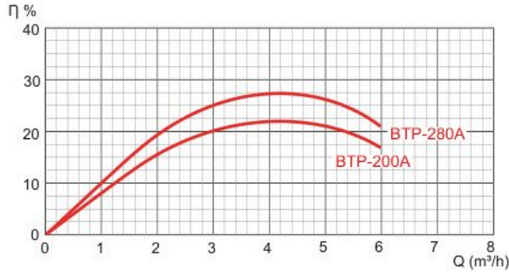
**Limiti di utilizzo**
Temperatura massima di esercizio 40°C
Temperatura massima liquido 40°C
Massima pressione di esercizio 3 bar
Liquido pompato: pulito, libero da corpi solidi o sostanze abrasive, non aggressivo, non viscoso e chimicamente neutro.

***Operating conditions***
*Max. ambient temperature 40°C*
*Max. water temperature 40°C*
*Max. Working pressure 3 bar*
*Liquid condition: clean liquids, without solids or abrasive substances, non-aggressive, non-viscous, chemically neutral.*

**Esploso a pag. 227**
*Expanded diagram pag. 227*

**PRESTAZIONI** / *PERFORMANCES*

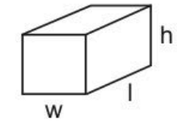


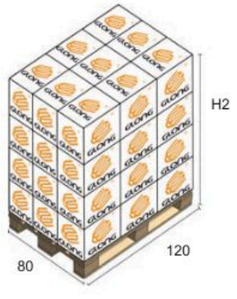



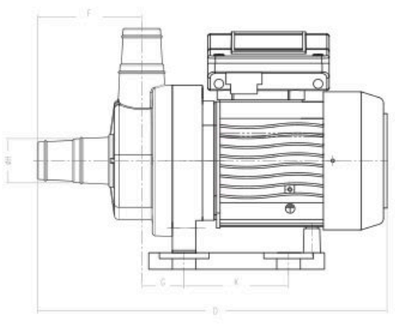


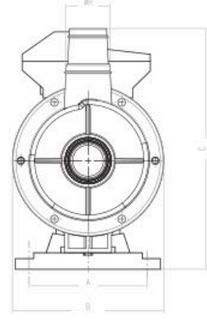


**DIMENSIONI IMBALLO**
*PACKING DIMENSIONS*





| **Modello** *Model* | **Codice** *Code* | | **Potenza nominale** *Rated power* | | **I Max. [ A ]** | | **Q = Portata** - *Capacity* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | **l/min** | **0** | **25** | **50** | **75** | **100** | **125** |
| | **Monofase** *Single-phase* **230V** | | **Hp** | **kW** *P2* | **Monofase** *Single-phase* **230V** | **Trifase** *Three-phase* **400V** | **m³/h** | **0** | **1.5** | **3** | **4.5** | **5** | **6.5** |
| | | | | | | | **Prevalenza manometrica totale in m C.A.** *Total head in meters w.c.* | | | | | | |
| BTP-200A | BTP200A | | 0,2 | 0,15 | 1,0 | / | H (m) | 6,5 | 5,5 | 4,5 | 3 | 1,5 | |
| BTP-280A | BTP280A | | 0,25 | 0,18 | 1,2 | / | H (m) | 8 | 7 | 6 | 4,8 | 3 | |

**Per i valori della potenza assorbita P1 vedi grafico nella pagina a destra** / *For input power P1 please check the curve on the next page*

| **MODELLO POMPA** *PUMPS'S MODEL* | **DIMENSIONI POMPA** *PUMPS'S DIMENSIONS* **[mm]** | | | | | | | | **DIMENSIONI IMBALLO** *PACKING DIMENSIONS* **[mm]** | | | **PESO** *WEIGHT* | **Quantità per pallet** *Quantity per pallet* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **A** | **B** | **C** | **D** | **F** | **G** | **H** | **K** | **w** | **l** | **h** | **kg** | **H2** | **n°** |
| BTP-200A | 100 | 128,5 | 205 | 297 | 88,5 | 36 | Ø32-38 | 88,5 | 150 | 320 | 230 | 1,5 | 107 | 136 |
| BTP-280A | 100 | 128,5 | 205 | 297 | 88,5 | 36 | Ø32-38 | 88,5 | 150 | 320 | 230 | 1,8 | 107 | 136 |

# BTP-370~750



**Interruttore pneumatico incluso**
***Pneumatic switch included***

**Applicazioni**
Elettropompe per il ricircolo dell'acqua in spa, minipiscine ed idromassaggio in piscina.

***Applications***
*Pumps for water circulation in spa, small swimming pool and whirlpool.*

| **Componente** *Component* | **Materiale** *Material* |
|---|---|
| Corpo pompa *Pump's body* | PPGF30 |
| Girante *Impeller* | PPOGF20 |
| Albero motore *Motor shaft* | AISI 316 |
| Tenuta meccanica *Mechanical seal* | Silicio & Silicio *Silicon & Silicon* |
| Carcassa motore *Motor housing* | Alluminio L-2521 *Alluminum L-2521* |

**Motore e caratteristiche**
Motore asincrono a due poli TEFC
Classe isolamento F
Grado di protezione IP55
Funzionamento continuo S1
Alimentazione monofase a 230V-50Hz con protezione termica

***Motor and features***
*Closed asynchronous two poles motor TEFC*
*Insulation class F*
*Protection degree IP55*
*Continuous operation S1*
*Power supply: single-phase 230V-50Hz with thermal protection.*

**Limiti di utilizzo**
Temperatura massima di esercizio 40°C
Temperatura massima liquido 40°C
Massima pressione di esercizio 3 bar
Liquido pompato: pulito, libero da corpi solidi o sostanze abrasive, non aggressivo, non viscoso e chimicamente neutro.

***Operating conditions***
*Max. ambient temperature 40°C*
*Max. water temperature 40°C*
*Max. Working pressure 3 bar*
*Liquid condition: clean liquids, without solids or abrasive substances, non-aggressive, non-viscous, chemically neutral.*

**Esploso a pag. 227**
*Expanded diagram pag. 227*

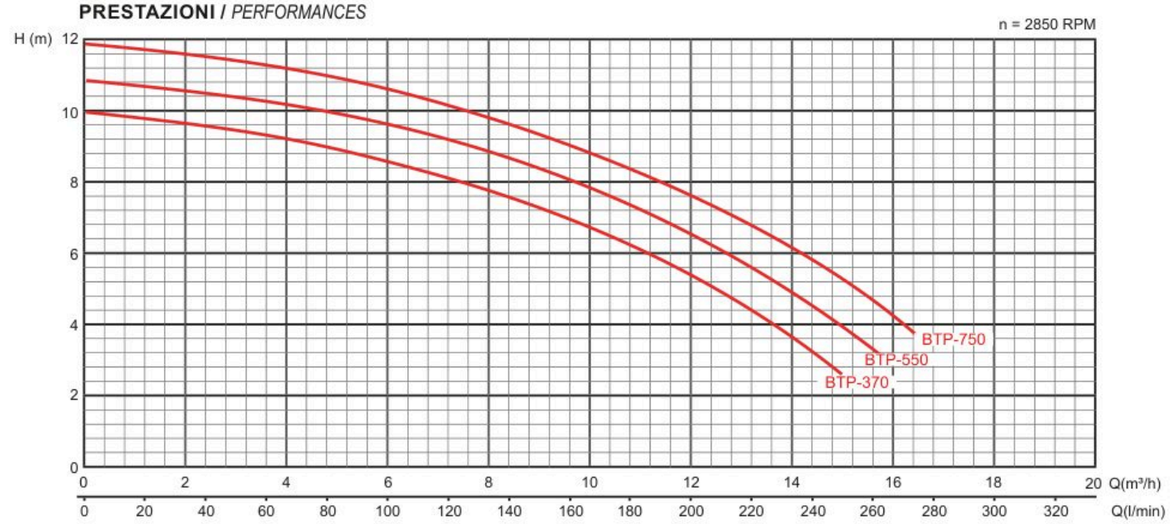
| **Modello** *Model* | **Codice** *Code* | | **Potenza nominale** *Rated power* | | **I Max. [A]** | | **Q = Portata** - *Capacity* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | l/min | 0 | 50 | 100 | 150 | 200 | 250 |
| | **Monofase** *Single-phase* **230V** | | **Hp** | **kW** *P2* | **Monofase** *Single-phase* **230V** | **Trifase** *Three-phase* **400V** | m³/h | 0 | 3 | 6 | 9 | 12 | 15 |
| | | | | | | | **Prevalenza manometrica totale in m C.A.** *Total head in meters w.c.* | | | | | | |
| BTP-370 | P24A00370 | | 0,5 | 0,37 | 2,9 | / | H (m) | 10 | 9,6 | 8,3 | 7,1 | 3,9 | |
| BTP-550 | P24B00550 | | 0,75 | 0,55 | 3,2 | / | | 10,8 | 10,5 | 9,8 | 8,3 | 6,4 | 4,2 |
| BTP-750 | P24C00750 | | 1 | 0,75 | 3,7 | / | | 11,8 | 11,3 | 10,8 | 9,2 | 7,1 | 5,1 |

**Per i valori della potenza assorbita P1 vedi grafico nella pagina a destra** / *For input power P1 please check the curve on the next page*



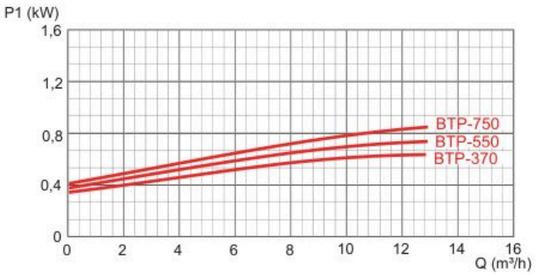


**PRESTAZIONI** / *PERFORMANCES*

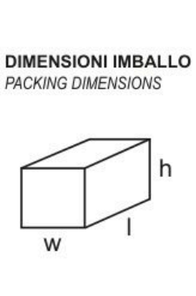


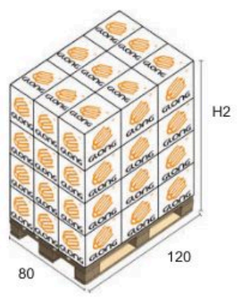


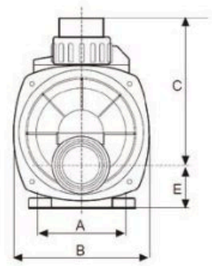


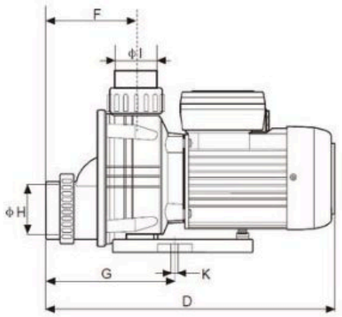



**DIMENSIONI IMBALLO**
*PACKING DIMENSIONS*




| **MODELLO POMPA** *PUMPS'S MODEL* | **1~230V CONDEN-SATORE** *CAPACITOR* | **DIMENSIONI POMPA** *PUMPS'S DIMENSIONS* **[mm]** | | | | | | | | | | **DIMENSIONI IMBALLO** *PACKING DIMENSIONS* **[mm]** | | | **PESO** *WEIGHT* | **Quantità per pallet** *Quantity per pallet* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **A** | **B** | **C** | **D** | **E** | **F** | **G** | **H** | **I** | **K** | **w** | **l** | **h** | **kg** | **H2** | **n°** |
| BTP-370 | 12uF/450V | 105 | 155 | 210 | 357 | 47 | 125 | 167 | Ø50 | Ø50 | 2 - Ø9 | 190 | 375 | 240 | 4,4 | 135 | 60 |
| BTP-550 | 12uF/450V | 105 | 155 | 210 | 357 | 47 | 125 | 167 | Ø50 | Ø50 | 2 - Ø9 | 190 | 375 | 240 | 5,1 | 135 | 60 |
| BTP-750 | 14uF/450V | 105 | 155 | 210 | 357 | 47 | 125 | 167 | Ø50 | Ø50 | 2 - Ø9 | 190 | 375 | 260 | 6,5 | 135 | 60 |

# BTP-1100~1500



**Interruttore pneumatico incluso**
***Pneumatic switch included***

**Applicazioni**
Elettropompe per il ricircolo dell'acqua in spa, minipiscine ed idromassaggio in piscina.

***Applications***
*Pumps for water circulation in spa, small swimming pool and whirlpool.*

| **Componente** *Component* | **Materiale** *Material* |
|---|---|
| Corpo pompa *Pump's body* | PPGF30 |
| Girante *Impeller* | PPOGF20 |
| Albero motore *Motor shaft* | AISI 316 |
| Tenuta meccanica *Mechanical seal* | Silicio & Silicio *Silicon & Silicon* |
| Carcassa motore *Motor housing* | Alluminio L-2521 *Alluminum L-2521* |

**Motore e caratteristiche**
Motore asincrono a due poli TEFC
Classe isolamento F
Grado di protezione IP55
Funzionamento continuo S1
Alimentazione trifase a 230/400V-50Hz.

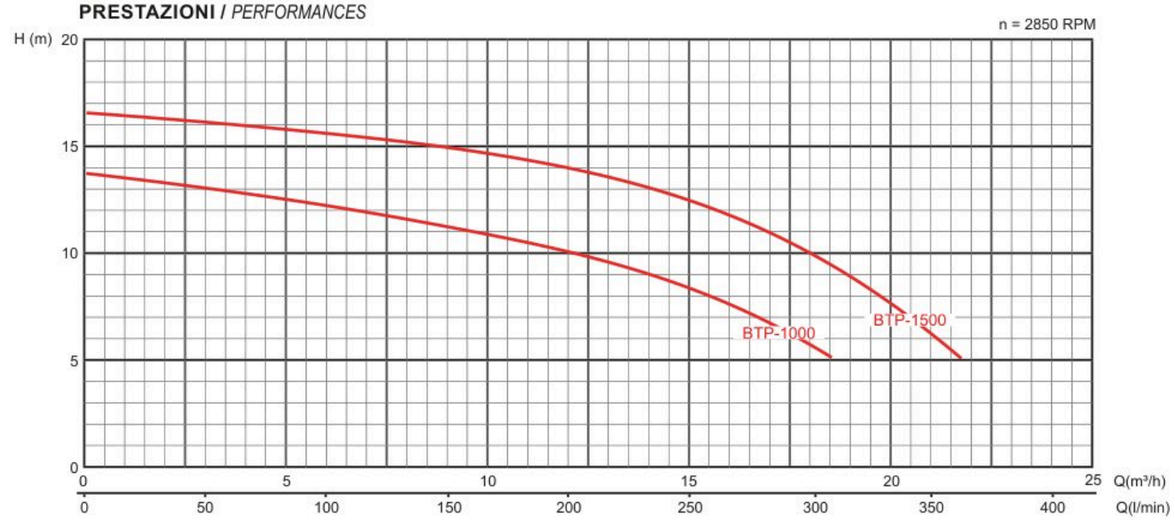
***Motor and features***
*Closed asynchronous two poles motor TEFC*
*Insulation class F*
*Protection degree IP55*
*Continuous operation S1*
*Power supply: single-phase 230V-50Hz with thermal protection or three-phase 230/400V-50Hz.*

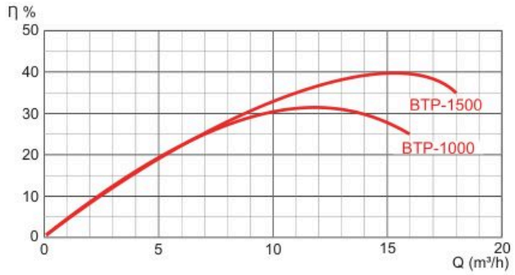
**Limiti di utilizzo**
Temperatura massima di esercizio 40°C
Temperatura massima liquido 40°C
Massima pressione di esercizio 3 bar
Liquido pompato: pulito, libero da corpi solidi o sostanze abrasive, non aggressivo, non viscoso e chimicamente neutro.

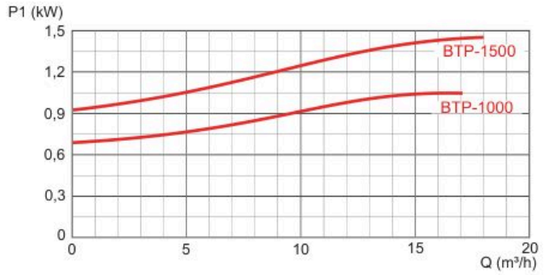
***Operating conditions***
*Max. ambient temperature 40°C*
*Max. water temperature 40°C*
*Max. Working pressure 3 bar*
*Liquid condition: clean liquids, without solids or abrasive substances, non-aggressive, non-viscous, chemically neutral.*

**Esploso a pag. 228**
*Expanded diagram pag. 228*

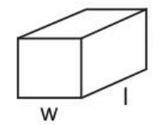
**PRESTAZIONI** / *PERFORMANCES*

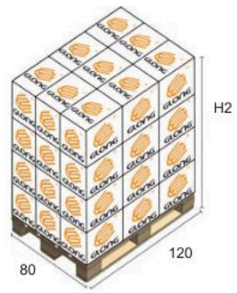


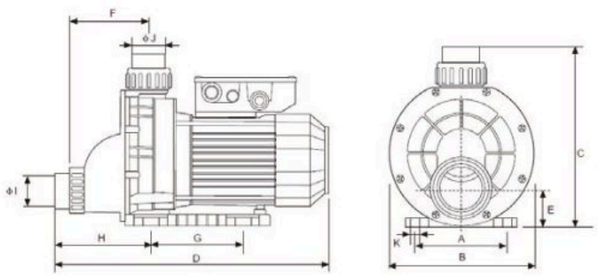




**DIMENSIONI IMBALLO**
*PACKING DIMENSIONS*




| **Modello** *Model* | **Codice** *Code* | | | **Potenza nominale** *Rated power* | | **I Max. [ A ]** | | | **Q = Portata -** *Capacity* | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Monofase** *Single-phase* **230V** | **Trifase** *Three-phase* **400V** | | **Hp** | **kW** *P2* | **Monofase** *Single-phase* **230V** | **Trifase** *Three-phase* **400V** | **Trifase** *Three-phase* **230V** | **l/min** | **0** | **83** | **133** | **183** | **233** | **283** | **333** |
| | | | | | | | | | **m³/h** | **0** | **5** | **8** | **11** | **14** | **17** | **20** |
| | | | | | | | | | **Prevalenza manometrica totale in m C.A.** *Total head in meters w.c.* | | | | | | | |
| BTP-1100 | BTP1100 | BTP1100T | | 1 | 0,75 | 5,2 | 2,8 | 4,6 | H (m) | 14,5 | 12,3 | 11,2 | 10,1 | 8,9 | 7,0 | |
| BTP-1500 | P16G01500 | BTP1500T | | 1,5 | 1,1 | 7,2 | 3,8 | 5,9 | | 16,5 | 15,5 | 15 | 14 | 12,5 | 10 | 7,5 |

**Per i valori della potenza assorbita P1 vedi grafico nella pagina a destra** / *For input power P1 please check the curve on the next page*

| **MODELLO POMPA** *PUMPS'S MODEL* | **1~230V CONDEN-SATORE** *CAPACITOR* | **DIMENSIONI POMPA** *PUMPS'S DIMENSIONS* **[mm]** | | | | | | | | | | | **DIMENSIONI IMBALLO** *PACKING DIMENSIONS* **[mm]** | | | **PESO** *WEIGHT* | **Quantità per pallet** *Quantity per pallet* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **A** | **B** | **C** | **D** | **E** | **F** | **G** | **H** | **I** | **J** | **K** | **w** | **l** | **h** | **kg** | **H2** | **n°** |
| BTP-1100 | 20uF/450V | 124 | 187 | 280 | 427 | 50 | 157 | 120 | 167 | Ø50 | Ø50 | 4- Ø9 | 220 | 430 | 260 | 9,1 | 123 | 21 |
| BTP-1500 | 25uF/450V | 124 | 187 | 280 | 430 | 50 | 157 | 120 | 167 | Ø50 | Ø50 | 4- Ø9 | 220 | 450 | 260 | 10 | 123 | 21 |

# BTP-2200~4000



**Applicazioni**
Elettropompe per il ricircolo dell'acqua in spa, minipiscine ed idromassaggio in piscina.

***Applications***
*Pumps for water circulation in spa, small swimming pool and whirlpool.*

| **Componente** *Component* | **Materiale** *Material* |
|---|---|
| Corpo pompa *Pump's body* | PPGF30 |
| Girante *Impeller* | PPOGF20 |
| Albero motore *Motor shaft* | AISI 316 |
| Tenuta meccanica *Mechanical seal* | Silicio & Silicio BT-Burgmann *Silicon & Silicon BT-Burgmann* |
| Carcassa motore *Motor housing* | Alluminio L-2521 *Alluminum L-2521* |

**Esploso a pag. 230**
*Expanded diagram pag. 230*

**Motore e caratteristiche**
Motore asincrono a due poli TEFC
Classe isolamento F
Grado di protezione IP55
Funzionamento continuo S1
Alimentazione monofase a 230V-50Hz con protezione termica o trifase a 230/400V-50Hz.

***Motor and features***
*Closed asynchronous two poles motor TEFC*
*Insulation class F*
*Protection degree IP55*
*Continuous operation S1*
*Power supply: single-phase 230V-50Hz with thermal protection or three-phase 230/400V-50Hz.*

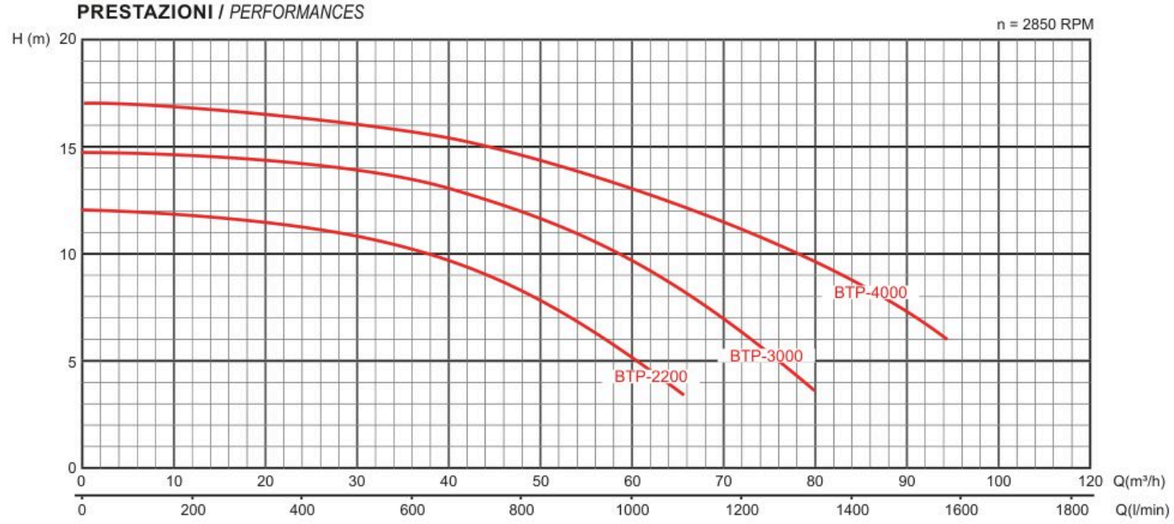
**Limiti di utilizzo**
Temperatura massima di esercizio 40°C
Temperatura massima liquido 40°C
Massima pressione di esercizio 3 bar
Liquido pompato: pulito, libero da corpi solidi o sostanze abrasive, non aggressivo, non viscoso e chimicamente neutro.

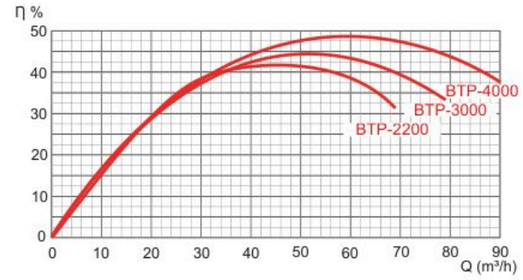
***Operating conditions***
*Max. ambient temperature 40°C*
*Max. water temperature 40°C*
*Max. Working pressure 3 bar*
*Liquid condition: clean liquids, without solids or abrasive substances, non-aggressive, non-viscous, chemically neutral.*

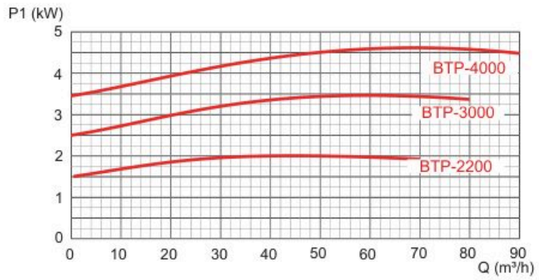


**NB. I modelli di elettropompe BTP 2200 - 3000 - 4000 sono compatibili per il nuoto controcorrente serie STP.**
*NB. The pumps BTP 2200 - 3000 - 4000 are compatible with counter flow STP series.*

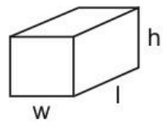
**PRESTAZIONI** / *PERFORMANCES*

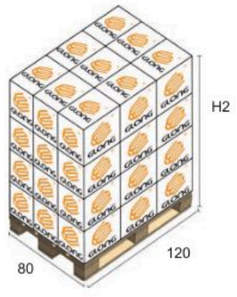


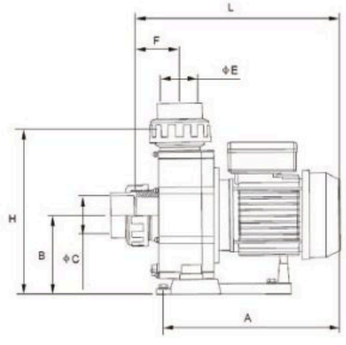



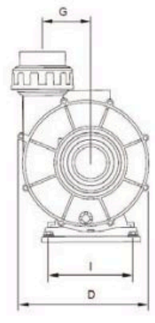




**DIMENSIONI IMBALLO**
*PACKING DIMENSIONS*




| Modello *Model* | Codice *Code* Monofase *Single-phase* 230V | Codice *Code* Trifase *Three-phase* 400V | | Potenza nominale *Rated power* Hp | Potenza nominale *Rated power* kW *P2* | I Max. [A] Monofase *Single-phase* 230V | I Max. [A] Trifase *Three-phase* 400V | I Max. [A] Trifase *Three-phase* 230V | Q = Portata - *Capacity* | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | l/min | 0 | 333,3 | 500 | 666,7 | 833,3 | 1000 | 1166,7 | 1333,3 |
| | | | | | | | | | m³/h | 0 | 20 | 30 | 40 | 50 | 60 | 70 | 90 |
| | | | | | | | | | Prevalenza manometrica totale in m C.A. *Total head in meters w.c.* | | | | | | | | |
| BTP-2200 | BTP2200 | BTP2200T | | 3 | 2,2 | 15 | 4,9 | 8,4 | H (m) | 12 | 11,7 | 10,5 | 9,8 | 7,9 | 5,8 | 2,1 | |
| BTP-3000 | / | BTP3000T | | 4 | 3 | / | 6,4 | 11,0 | H (m) | 14,5 | 14,2 | 14 | 13,4 | 11,5 | 9,5 | 6,7 | |
| BTP-4000 | / | P16JTBTP4000 | | 5,5 | 4 | / | 8,3 | 14,3 | H (m) | 17 | 16,2 | 16 | 15,3 | 13,8 | 12,5 | 9,5 | 7,5 |

**Per i valori della potenza assorbita $P_1$ vedi grafico nella pagina a destra** / *For input power P1 please check the curve on the next page*

| MODELLO POMPA *PUMPS'S MODEL* | 1~230V CONDENSATORE *CAPACITOR* | DIMENSIONI POMPA *PUMPS'S DIMENSIONS* [mm] | | | | | | | | | | DIMENSIONI IMBALLO *PACKING DIMENSIONS* [mm] | | | PESO *WEIGHT* | Quantità per pallet *Quantity per pallet* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | B | C | D | E | F | G | H | I | L | w | l | h | kg | H2 | n° |
| BTP-2200 | 60uF/450V | 370 | 156 | Ø75 | 260 | Ø75 | 77 | 95 | 319 | 168/117 | 420 | 300 | 495 | 370 | 21 | 126 | 12 |
| BTP-3000 | / | 410 | 156 | Ø75 | 260 | Ø75 | 77 | 95 | 319 | 168/117 | 450 | 300 | 495 | 370 | 37 | 126 | 12 |
| BTP-4000 | / | 440 | 156 | Ø75 | 260 | Ø75 | 77 | 95 | 319 | 168/117 | 485 | 300 | 520 | 370 | 37 | 126 | 12 |

# BTP-A



BTP-1100A / 1500A



BTP-2200A

**Motore e caratteristiche**
Motore asincrono a due poli TEFC
Classe isolamento F
Grado di protezione IP55
Funzionamento continuo S1
Alimentazione monofase a 230V-50Hz con protezione termica o trifase a 230/400V-50Hz.

***Motor and features***
*Closed asynchronous two poles motor TEFC*
*Insulation class F*
*Protection degree IP55*
*Continuous operation S1*
*Power supply: single-phase 230V-50Hz with thermal protection or three-phase 230/400V-50Hz.*

| **Componente** *Component* | **Materiale** *Material* |
|---|---|
| Corpo pompa *Pump's body* | PPGF30 |
| Girante *Impeller* | PPOGF20 |
| Albero motore *Motor shaft* | AISI 316 |
| Tenuta meccanica *Mechanical seal* | Silicio & Silicio *Silicon & Silicon* |
| Carcassa motore *Motor housing* | Alluminio L-2521 *Alluminum L-2521* |

**Applicazioni**
Elettropompe per il ricircolo dell'acqua in spa, minipiscine ed idromassaggio in piscina.

***Applications***
*Pumps for water circulation in spa, small swimming pool and whirlpool.*

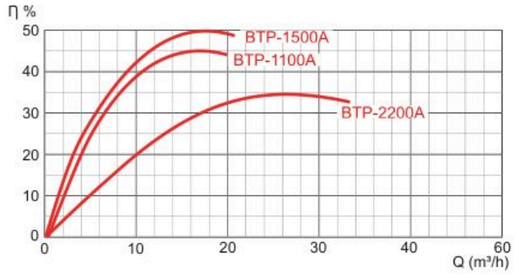
**Limiti di utilizzo**
Temperatura massima di esercizio 40°C
Temperatura massima liquido 40°C
Massima pressione di esercizio 3 bar
Liquido pompato: pulito, libero da corpi solidi o sostanze abrasive, non aggressivo, non viscoso e chimicamente neutro.

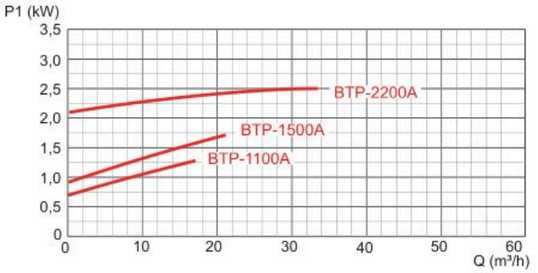
***Operating conditions***
*Max. ambient temperature 40°C*
*Max. water temperature 40°C*
*Max. Working pressure 3 bar*
*Liquid condition: clean liquids, without solids or abrasive substances, non-aggressive, non-viscous, chemically neutral.*

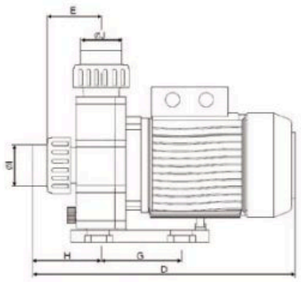
**Esploso a pag. 229 e pag. 231**
*Expanded diagram pag. 229 and pag. 231*

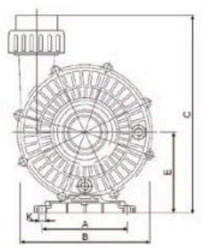
**PRESTAZIONI** / *PERFORMANCES*



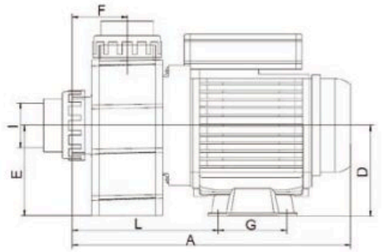



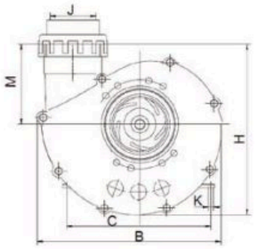




BTP-1100A/BTP-1500A




BTP-2200A

| **Modello** *Model* | **Codice** *Code* | | | **Potenza nominale** *Rated power* | | **I Max. [ A ]** | | | **Q = Portata -** *Capacity* | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Monofase** *Single-phase* **230V** | **Trifase** *Three-phase* **400V** | | **Hp** | **kW** *P2* | **Mono-fase** *Single-phase* **230V** | **Trifase** *Three-phase* **400V** | **Trifase** *Three-phase* **230V** | l/min | 0 | 50 | 100 | 150 | 200 | 250 | 350 | 450 | 550 |
| | | | | | | | | | m³/h | 0 | 3 | 6 | 9 | 12 | 15 | 21 | 27 | 33 |
| | | | | | | | | | **Prevalenza manometrica totale in m C.A.** *Total head in meters w.c.* | | | | | | | | | |
| BTP-1100A | P16E01100A | BTP1100AT | | 1,5 | 1,1 | 6,6 | 3,9 | 6,8 | H (m) | 17,5 | 17 | 16,5 | 15,5 | 15 | 14 | | | |
| BTP-1500A | P16F01500A | BTP1500AT | | 2 | 1,5 | 8,7 | 4,3 | 7,5 | | 20 | 19,5 | 19 | 18,5 | 17,5 | 16,5 | 14 | | |
| BTP-2200A | P16H02200A | P16H02200AT | | 3 | 2,2 | 15 | 4.9 | 8,4 | | 15 | 14,9 | 14,8 | 14,5 | 14 | 13,5 | 12,5 | 11 | 9 |

**Per i valori della potenza assorbita $P_1$ vedi grafico nella pagina a destra** / *For input power P1 please check the curve on the next page*

| **MODELLO POMPA** *PUMPS'S MODEL* | **1~230V CONDEN-SATORE** *CAPACITOR* | **DIMENSIONI POMPA** *PUMPS'S DIMENSIONS* **[mm]** | | | | | | | | | | | | **DIMENSIONI IMBALLO** *PACKING DIMEN-SIONS* **[mm]** | | | **PESO** *WEIGHT* | **Quantità per pallet** *Quantity per pallet* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **A** | **B** | **C** | **D** | **E** | **F** | **G** | **H** | **L** | **I** | **J** | **K** | **w** | **l** | **h** | **kg** | **H2** | **n°** |
| BTP-1100A | 30uF/450V | 124 | 186 | 277 | 380 | 111 | 78 | 120 | 95 | / | Ø50 | Ø50 | 4- Ø9 | 230 | 400 | 295 | 11 | 133 | 40 |
| BTP-1500A | 40uF/450V | 124 | 186 | 277 | 400 | 11 | 78 | 120 | 95 | / | Ø50 | Ø50 | 4- Ø9 | 230 | 430 | 295 | 12 | 133 | 40 |
| BTP-2200A | 60uF/450V | 390 | 256 | 124/140 | 145 | 128 | 75 | 125 | 226 | 175 | Ø63 | Ø63 | 4- Ø8 | 295 | 480 | 310 | 11 | 112,5 | 18 |