

Deep well pumps



2" STING

3" SQIBO | SCR

3" SKM | 4" SKM

OLA INOX | AUTO

2,5" STM

3" TI

3" SDM

3" STM

3" ISP

3,5" SCM | 3,5" SC

3,5" SDM

4" SD | 4" SDM

4" ISP | 4" ISPM

3" IBQ

4" IBQ

5" SD

6" SD

6" ISP

6" ISP

Italian deep well pumps



IBO ITALY FP4

IBO ITALY FP4 A

IBO ITALY FP4 B

IBO ITALY FP4 D

IBO ITALY FP4 E

IBO ITALY FP4 F

IBO ITALY FP4 H

IBO ITALY FP4 L

IBO ITALY FP4 Q

IBO ITALY AP6 F

IBO ITALY AP6 E

IBO ITALY AP6 F

IBO ITALY AP6 H

IBO ITALY AP6 L

IBO ITALY FX6 | FX8 | FX10

Deep well motors



Silniki IBO 3" | 4" | 6"

Italian deep well motors



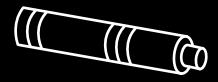
4" IOM ITALY

6" IOM ITALY

6" IMW ITALY

8" IMW ITALY

10" IMW ITALY



2" STING

2"STING is the first and at the moment the only IBO 2" deep well displacement pump. The diameter of the pump does not exceed 53 mm and the hydraulic section consists of the stator, rotor and clutch. The pump is mainly made of stainless steel. The pump is equipped with a 14 m cable terminated with a plug and the capacitor is built into the motor so that pump is ready for installation immediately after unpacking. The pump is equipped with thermal protection mounted in the motor winding.

Application:

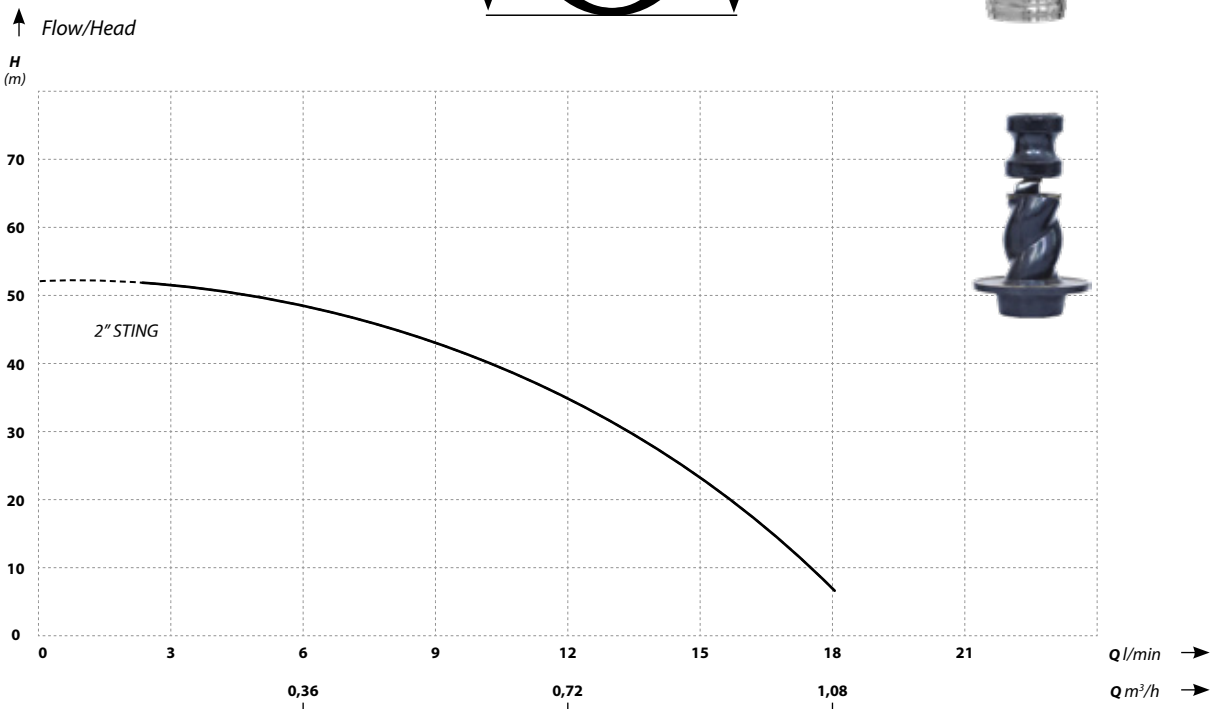
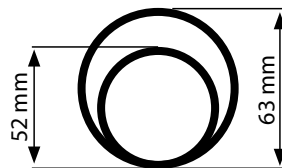
Supply of water from deep wells to small single-family houses and recreational plots. The pump can be used by companies providing hydro-geological services

Operating conditions:

- Maximum liquid temperature: 35°C
- Maximum ambient temperature: 35°C
- Voltage: 230 V
- Class B Insulation
- Operating mode - continuous
- Protection - IP68
- Power cable length: 14 m
- Workplace: vertical
- Max. number of starts per hour: 20
- Max. immersion depth: 80 m
- Rotational speed of the electric motor: 2850 RPM

Materials:

- Housing: stainless steel AISI 304
- Shaft and rotor: stainless steel AISI 304
- Screw: stainless steel AISI 304
- Stator: NBR
- Rotor: stainless steel AISI 304
- Mechanical seal: ceramics/Sic
- Motor: oil cooling



| Name | Head (m) | Flow (l/min) | Motor power (W) | Voltage (V) | Amperage (A) | Inlet/outlet (inch) | Dimensions Dia/H (mm) | Weight (kg) |
|---------|----------|--------------|-----------------|-------------|--------------|---------------------|-----------------------|-------------|
| 2"STING | 50 | 18 | 370 | 230 | 1,8 | ½ | 52/690 | 11 |



3" SQIBO | SCR

75 mm deep well displacement pumps (SQIBO/3"SCR). The pump is mainly made of stainless steel, e.g. housing, bolts, inlet/outlet and rotor. Depending on the customer's requirements, the pumps are equipped with power cables of varying lengths terminated with a plug. Due to the capacitor built into the motor, the pump is ready for installation immediately after unpacking. The pump is equipped with thermal protection mounted in the motor winding. SQIBO and SCR pumps are among the most popular screw pumps available on the Polish market. The pumps are recognized by customers for their robust design and attractive price.

Application:

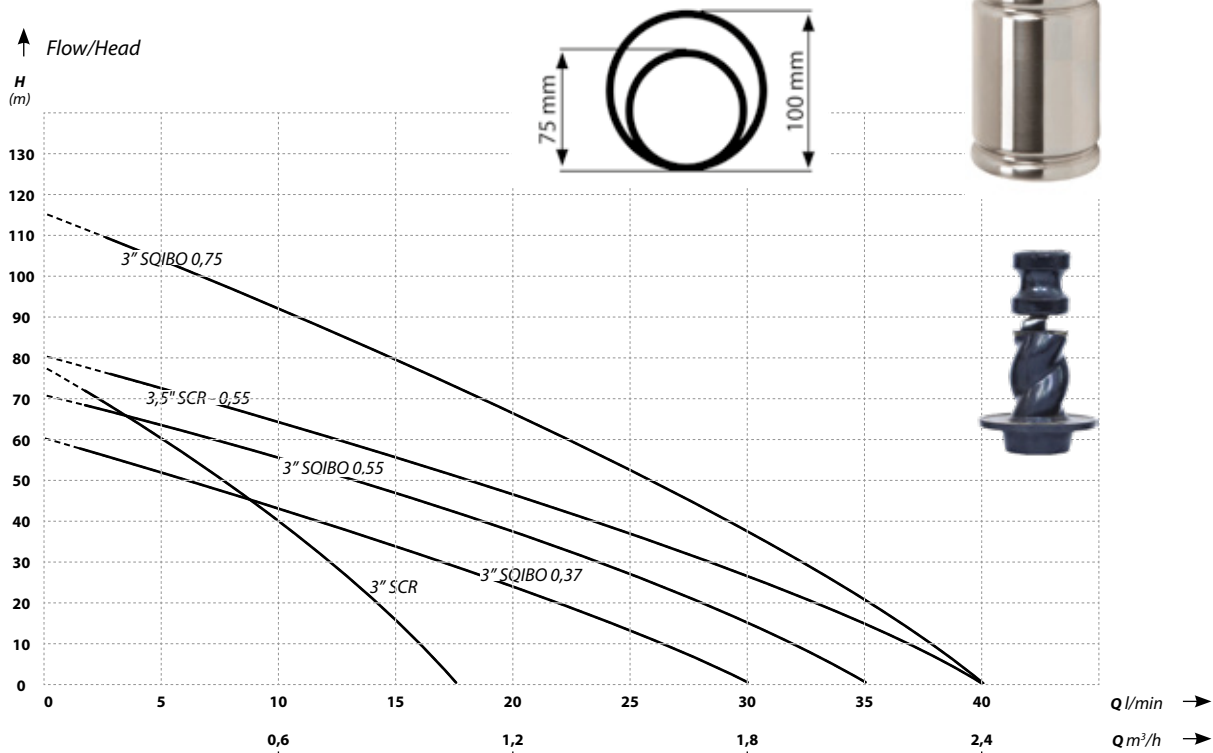
Supply of water to single-family houses and holiday houses.

Operating conditions:

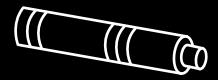
- Maximum liquid temperature: 35°C
- Maximum ambient temperature: 35°C
- Voltage: 230 V
- Class B Insulation
- Operating mode - continuous
- Protection - IP68
- Power cable length: 15 m, 20 m lub 25 m
- Workplace: vertical
- Max. number of starts per hour: 20
- Max. immersion depth: 80 m
- Rotational speed of the electric motor: 2850 RPM

Materials:

- Suction/pressure connection: stainless steel AISI 304
- Housing: stainless steel AISI 304
- Shaft and rotor: stainless steel AISI 304
- Stator: NBR
- Rotor: stainless steel AISI 304
- Mechanical seal: ceramics/Sic
- Motor: oil cooling



| Name | Head (m) | Flow (l/min) | Motor power (W) | Voltage (V) | Amperage (A) | Inlet/outlet (inch) | Cable length (m) | Dimensions Dia/H (mm) | Weight (kg) |
|-----------------|----------|--------------|-----------------|-------------|--------------|---------------------|------------------|-----------------------|-------------|
| 3" SCR | 77 | 17 | 250 | 230 | 2,5 | ¾ | 14 | 75/550 | 10 |
| 3" SQIBO 0,37 | 60 | 30 | 370 | 230 | 3,4 | 1 | 15 | 75/580 | 7,5 |
| 3" SQIBO 0,55 | 70 | 35 | 550 | 230 | 4 | 1 | 15/20 | 75/610 | 9 |
| 3" SQIBO 0,75 | 115 | 40 | 750 | 230 | 6,5 | 1 | 15/25 | 75/650 | 10,5 |
| 3,5" SCR - 0,55 | 80 | 40 | 550 | 230 | 5,2 | 1 | 14 | 90/600 | 11 |



3" SKM | 4" SKM

Multi-stage deep well peripheral pumps. Due to the capacitor built into the motor, pumps are ready for installation immediately after unpacking. The pumps are supplied with thermal protection mounted in the motor winding. Pumps are used to supply water to single and multi-family houses and holiday houses, irrigating gardens.

Characteristics:

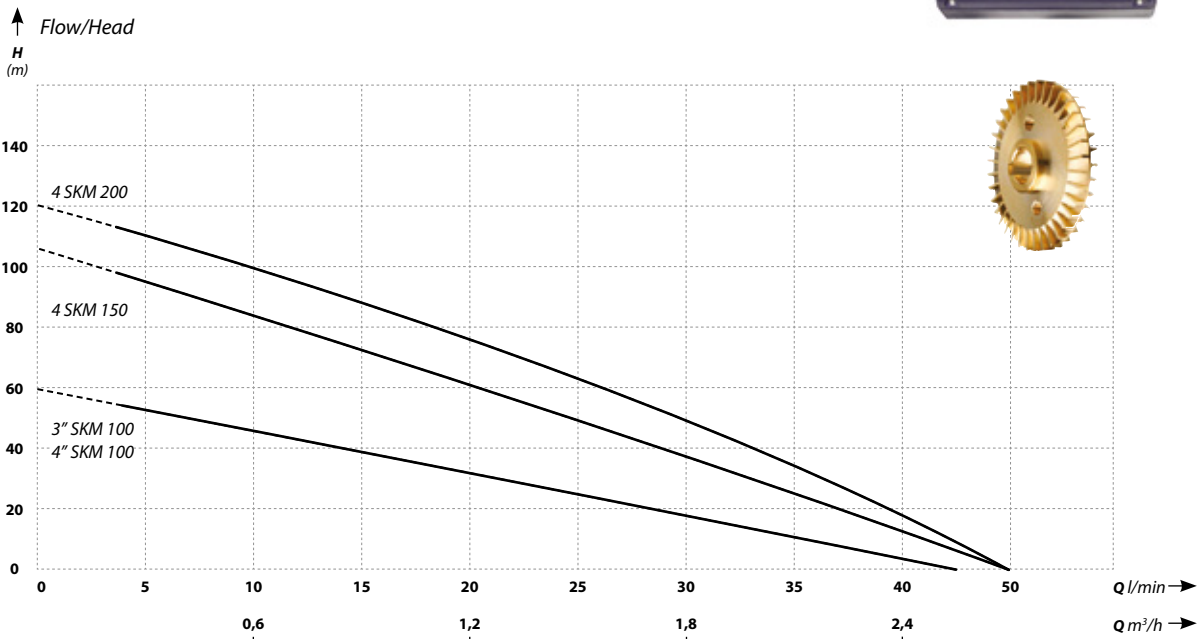
- Monobloc design (small pump height)
- Brass impellers
- 4"SKM (230V) pumps have a power cable with a plug, 20m long for pumps with a starting box and 15m for pumps with a built-in capacitor, 3"SKM have a built-in capacitor and a 15m or 20m cable
- SKT pumps (400 V) have a 15 cm long power cable
- Thermal protection built into the motor winding
- Circuit breaker for the version with a starting box
- Warranty 24 months
- Warranty and post-warranty service

Operating conditions:

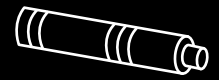
- Maximum liquid temperature: 35°C
- Maximum ambient temperature: 35°C
- Power supply: 230 V or 400 V
- Insulation Class: B
- Working mode: continuous
- Security: IP68
- Power cable length: 15 m or 20 m
- Working position: vertical
- number of starts per hour: 20
- immersion depth: 80 m
- Engine speed: 2850 RPM

Materials:

- Suction/pressure connection: brass
- Housing: AISI 304 stainless steel
- Shaft and rotor: AISI 304 stainless steel
- Impeller: brass
- Mechanical gland: Carbon-Sic/Sic
- Engine: oil cooled



| Name | Head (m) | Flow (l/min) | Motor power (W) | Voltage (V) | Amperage (A) | Inlet/outlet (inch) | Dimensions Dia/H (mm) | Weight (kg) |
|--------------------|----------|--------------|-----------------|-------------|--------------|---------------------|-----------------------|-------------|
| 3" SKM 100 | 60 | 45 | 750 | 230 | 5 | 1 | 75/590 | 12 |
| 4" SKM 100 | 60 | 45 | 750 | 230 | 5,8 | 1 | 98/530 | 16 |
| 4" SKM 150/SKT 150 | 107 | 50 | 1100 | 230/400 | 10 | 1 | 98/530 | 16 |
| 4" SKM 200/SKT 200 | 120 | 50 | 1500 | 230/400 | 11 | 1 | 98/540 | 17 |



OLA INOX | AUTO

OLA / OLA INOX

Wielostopniowe pompy głębinowe, o średnicy 98mm do studni kręgowych i wierconych 98 mm diameter multi-stage deep well pumps for minimum 4" diameter ring and drilled wells. The pumps have a motor cooling jacket so they do not have to be completely submerged, and there is no need for a jacket tube, which is required for classic multi-stage pumps. Due to the capacitor built into the motor, the pump is ready for installation immediately after unpacking. The pumps are equipped with thermal protection mounted in the motor winding.

OLA AUTO

The OLA AUTO pumps are equipped with automatic pump control so there is no need to install additional equipment such as a pressure switch or external PC or SK control. The principle of the sensor operation is based on the flow rate monitoring. When the pump is connected to the electrical or hydraulic system, opening the tap will start the pump, and closing it will stop the pump within a few seconds. The pump has a built-in non-return valve that limits the return of water from the system.

Both Ola 60/60 and OLA AUTO pumps can be installed together with a pressure tank, however, it should be remembered that an additional pressure switch does not need to be installed with OLA AUTO pumps.

Application:

Pumping water from ring wells, deep water wells, lakes and rivers. Supply of utility (tap) water to holiday houses and single-family houses. Irrigating gardens.



OLA INOX OLA OLA AUTO

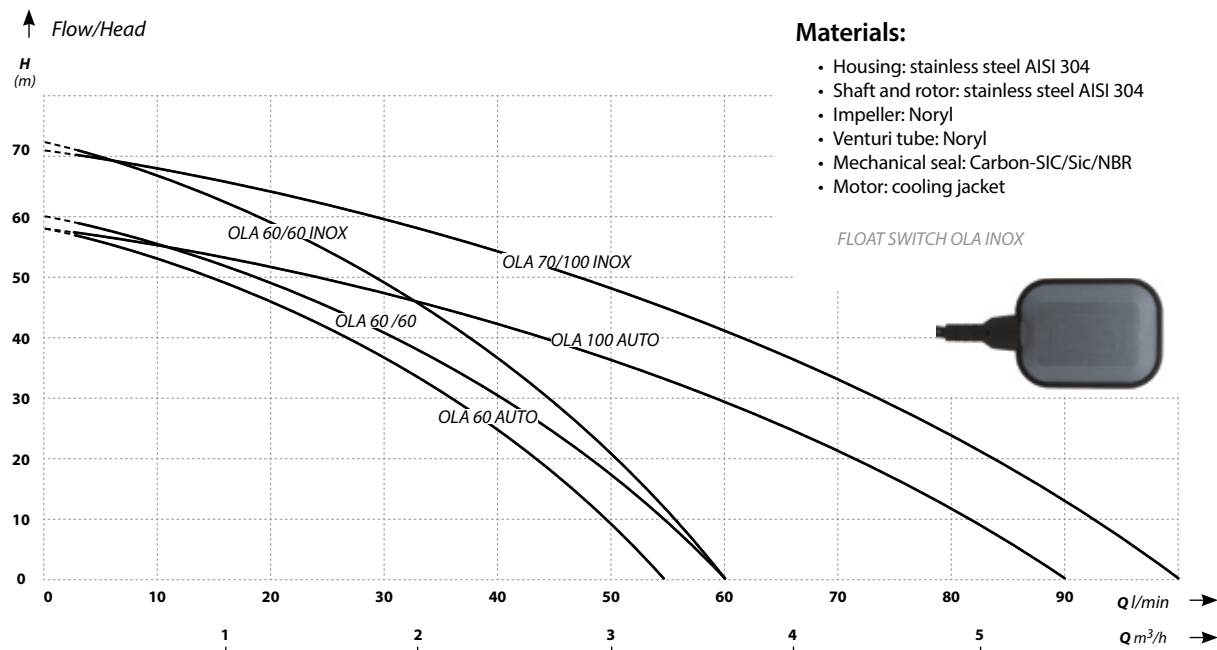
Operating conditions:

- Maximum liquid temperature: 35°C
- Maximum ambient temperature: 35°C
- Voltage: 230 V
- Class B Insulation
- Operating mode - continuous
- Protection - IP68
- Power cable length: 20 m
- Workplace: vertical
- Max. liczba uruchomień na 1 h: 20
- Max. głębokość zanurzenia: 80 m
- Rotational speed of the electric motor: 2850 RPM

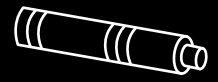
Materials:

- Housing: stainless steel AISI 304
- Shaft and rotor: stainless steel AISI 304
- Impeller: Noryl
- Venturi tube: Noryl
- Mechanical seal: Carbon-SiC/SiC/NBR
- Motor: cooling jacket

FLOAT SWITCH OLA INOX



| Name | Head (m) | Flow (l/min) | Motor power (W) | Voltage (V) | Amperage (A) | Inlet/outlet (inch) | Cable length (m) | Dimensions Dia/H (mm) | Weight (kg) |
|-----------------|----------|--------------|-----------------|-------------|--------------|---------------------|------------------|-----------------------|-------------|
| OLA 60/60 | 60 | 60 | 1000 | 230 | 5,2 | 1¼ | 20 | 69/630 | 10,75 |
| OLA 60 AUTO | 58 | 55 | 450 | 230 | 4,1 | 1 | 20 | 98/890 | 11 |
| OLA 100 AUTO | 58 | 90 | 800 | 230 | 5,0 | 1 | 20 | 98/920 | 14 |
| OLA 60/60 INOX | 72 | 60 | 800 | 230 | 4,6 | 1 | 20 | 98/680 | 11,5 |
| OLA 70/100 INOX | 71 | 100 | 1100 | 230 | 6,9 | 1 | 20 | 98/770 | 13,4 |



2,5" STM



Increased resistance to sand

2.5" (66 mm diameter) multi-stage deep well pumps with increased resistance to sand. The 2.5 STM pumps were the first multi-stage pumps available on the Polish market with a diameter of less than 3". The pump capacitor is built into the motor. The pumps are available with 1.5 m long cable section or 20 m long stock cable terminated with a plug. Increased resistance to sand is achieved by using "floating impellers" and the selection of wear-resistant materials. The pumps are equipped with thermal protection mounted in the motor winding.

Application:

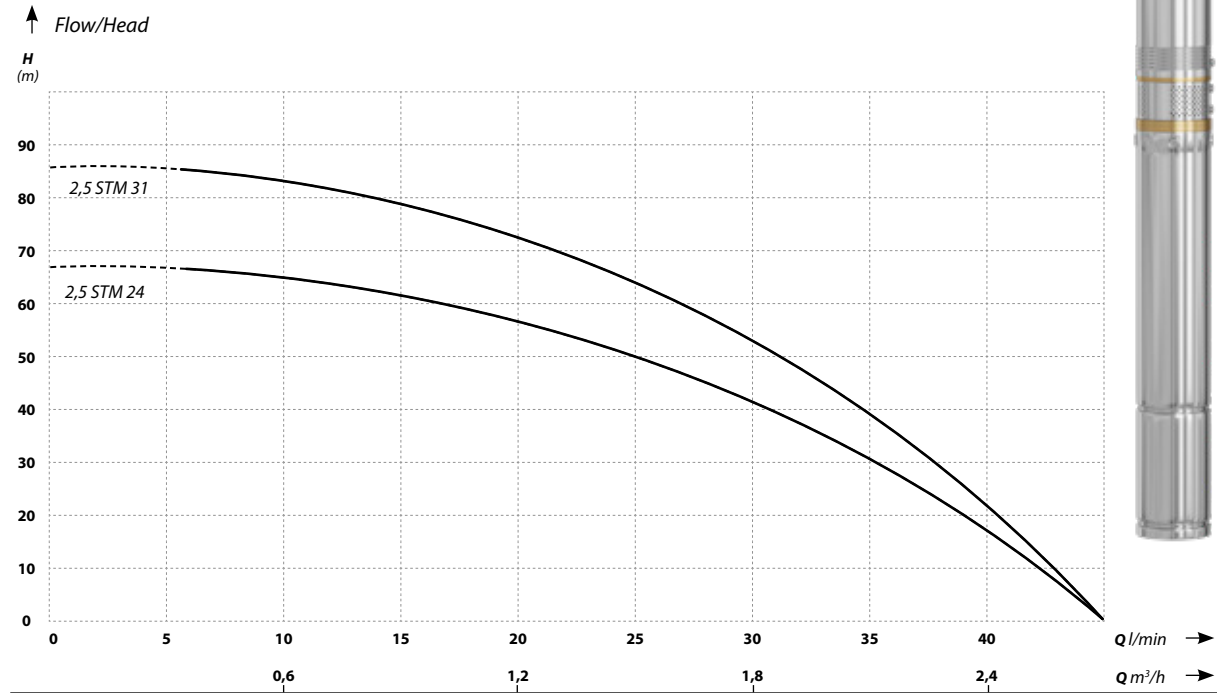
Supply of water to single-family houses and holiday houses. Irrigating small gardens.

Operating conditions:

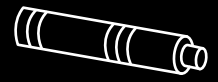
- Maximum liquid temperature 35°C
- Maximum ambient temperature 35°C
- Voltage: 230 V
- Class B Insulation
- Operating mode - continuous
- Protection - IP68
- Power cable length: 20 m lub 1,5 m
- Workplace: vertical
- Max. number of starts per hour: 20
- Max. immersion depth: 100 m
- Rotational speed of the electric motor: 2850 RPM

Materials:

- Inlet/outlet: brass
- Housing: stainless steel AISI 304
- Shaft and rotor: stainless steel AISI 304
- Impeller: Noryl
- Venturi tube: steel Noryl
- Mechanical seal: Ceramics/Sic/NBR
- Motor: oil cooling



| Name | Head (m) | Flow (l/min) | Motor power (W) | Voltage (V) | Amperage (A) | Inlet/outlet (inch) | Dimensions Dia/H (mm) | Weight (kg) |
|------------|----------|--------------|-----------------|-------------|--------------|---------------------|-----------------------|-------------|
| 2,5 STM 24 | 66 | 45 | 370 | 230 | 2,8 | 1 | 66/1305 | 7,8 |
| 2,5 STM 31 | 85 | 45 | 550 | 230 | 4,2 | 1 | 66/1565 | 9,5 |



3" TI



**Increased resistance to sand
Floating impellers**

3 inch (74 mm diameter) multi-stage deep well pumps with increased resistance to sand, intended for 3 and 4 inch wells. Increased resistance to sand is achieved by using "floating impellers" and the selection of wear-resistant materials: brass, AISI 304 stainless steel, and high quality plastic materials. The pump capacitor is built into the motor so the electrical system is much simpler than in case of pumps with a control box. The pumps are available with 1.5 m long cable section or 20 m long stock cable terminated with a plug. The pumps are equipped with thermal protection mounted in the motor winding. Due to their reliable operation and high performance, the 3"Ti pumps are among the most often installed 3" pumps in Poland.

Application:

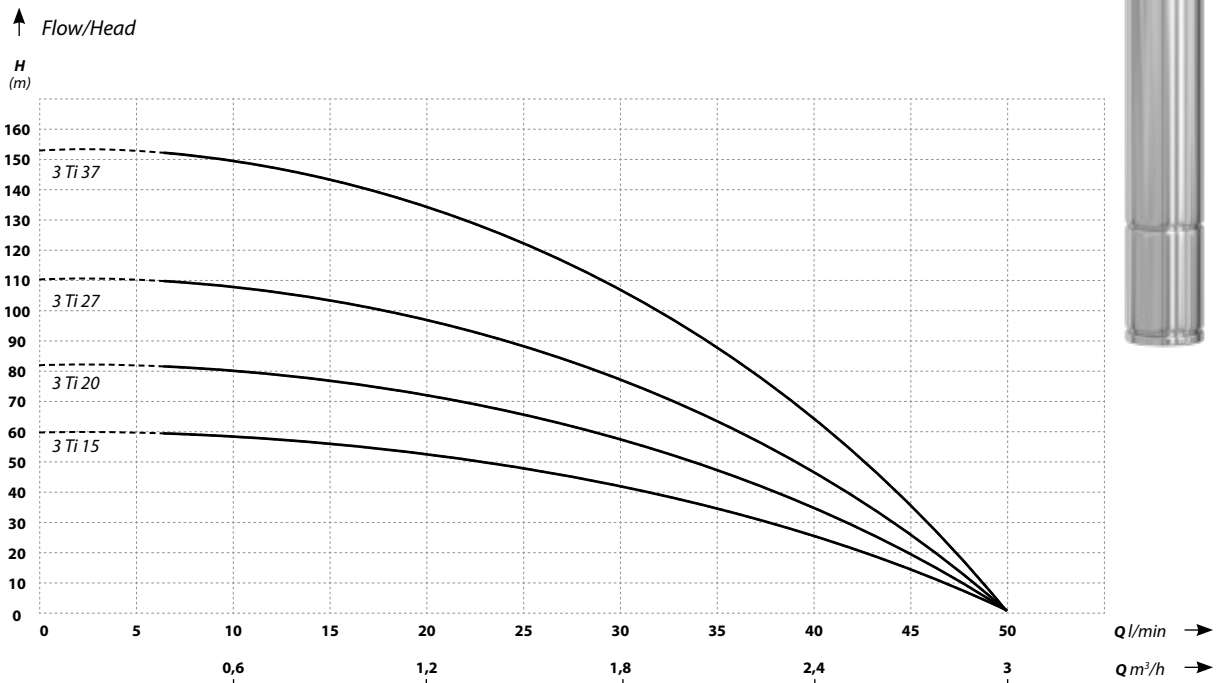
Supply of water to single-family houses and holiday houses. Irrigating gardens

Operating conditions:

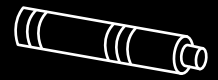
- Maximum liquid temperature 35°C
- Maximum ambient temperature 35°C
- Voltage: 230 V or 400 V
- Class B Insulation
- Operating mode - continuous
- Protection - IP68
- Power cable length: 20 m lub 1,5 m
- Workplace: vertical
- Max. number of starts per hour: 20
- Max. immersion depth: 100 m
- Rotational speed of the electric motor: 2850 RPM

Materials:

- Inlet/outlet: brass
- Housing: stainless steel AISI 304
- Shaft and rotor: stainless steel AISI 304
- Impeller: Noryl
- Venturi tube: Noryl
- Mechanical seal: Ceramics/Sic/NBR
- Motor: oil cooling



| Name | Head (m) | Flow (l/min) | Motor power (W) | Voltage (V) | Amperage (A) | Inlet/outlet (inch) | Dimensions Dia/H (mm) | Weight (kg) |
|---------|----------|--------------|-----------------|-------------|--------------|---------------------|-----------------------|-------------|
| 3 Ti 15 | 60 | 50 | 370 | 230 | 3,2 | 1 | 75/1035 | 10 |
| 3 Ti 20 | 82 | 50 | 550 | 230 | 4,2 | 1 | 75/1210 | 12 |
| 3 Ti 27 | 110 | 50 | 750 | 230 | 5,2 | 1 | 75/1470 | 14 |
| 3 Ti 37 | 152 | 50 | 1100 | 230 | 6,7 | 1 | 75/1810 | 18 |



3" SDM



**Increased resistance to sand
Floating impellers**

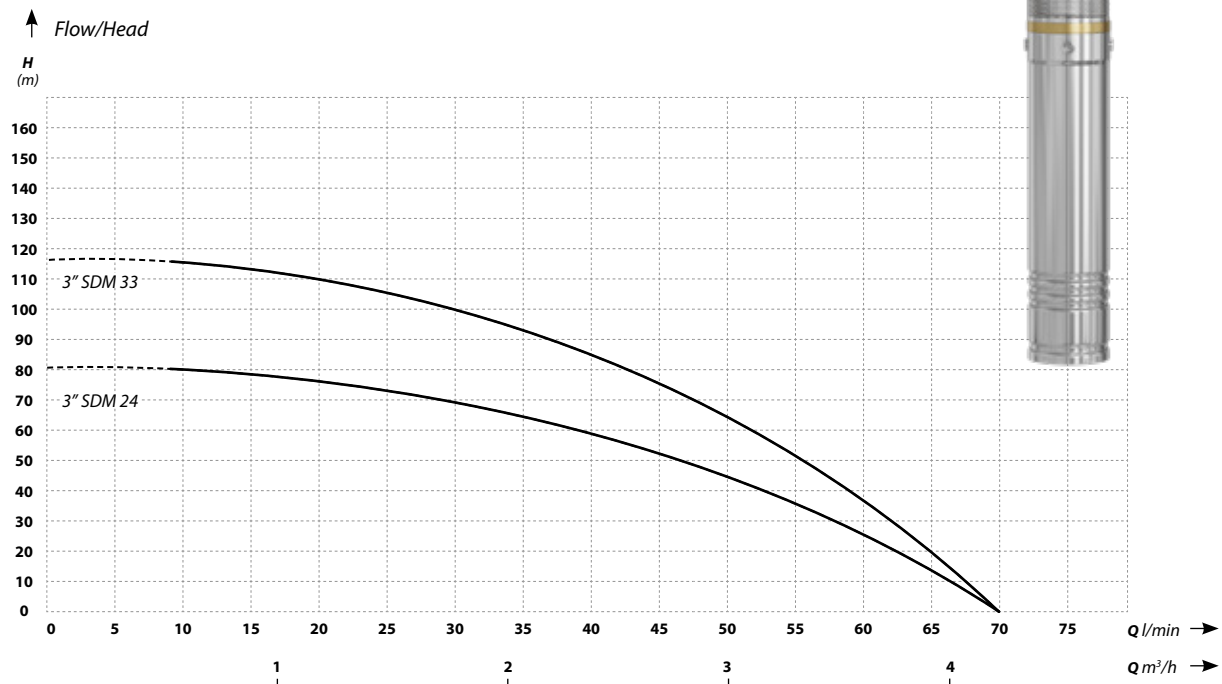
3 inch (74 mm diameter) multi-stage deep well pumps, with increased resistance to sand, intended for 3 and 4 inch wells. Increased resistance to sand is achieved by using "floating impellers" and the selection of wear-resistant materials. The pump capacitor is built into the motor so the electrical system is much simpler than in case of pumps with a control box. The pumps are available with 1.5 m long cable section or 20 m long stock cable terminated with a plug. The pumps are equipped with thermal protection mounted in the motor winding. The pumps design is the same as 3" Ti pumps but they provide higher flow of up to 70l/min.

Application:

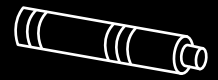
Supply of water to single-family houses and holiday houses. Irrigating gardens. Drainage/dewatering.

Operating conditions:

- Maximum liquid temperature 35°C
 - Maximum ambient temperature 35°C
 - Voltage: 230 V or 400 V
 - Class B Insulation
 - Operating mode - continuous
 - Protection - IP68
 - Power cable length: 20 m lub 1,5 m
 - Workplace: vertical
 - Max. number of starts per hour: 20
 - Max. immersion depth: 100 m
 - Rotational speed of the electric motor: 2850 RPM
- Materials:
 - Inlet/outlet: brass
 - Housing: stainless steel AISI 304
 - Shaft and rotor: stainless steel AISI 304
 - Impeller: Noryl
 - Venturi tube: Noryl
 - Mechanical seal: Ceramics/Sic/NBR
 - Motor: oil cooling



| Name | Head (m) | Flow (l/min) | Motor power (W) | Voltage (V) | Amperage (A) | Inlet/outlet (inch) | Dimensions Dia/H (mm) | Weight (kg) |
|-----------|----------|--------------|-----------------|-------------|--------------|---------------------|-----------------------|-------------|
| 3" SDM 24 | 80 | 70 | 750 | 230 | 6,5 | 1¼ | 75/1320 | 11 |
| 3" SDM 33 | 117 | 70 | 1100 | 230 | 7,2 | 1¼ | 75/1660 | 13 |



3" STM



**Increased resistance to sand
Floating impellers**

75 mm diameter multi-stage deep well pumps with increased resistance to sand, intended for 3 and 4 inch wells. Increased resistance to sand is achieved by using "floating impellers" and the selection of wear-resistant materials. The pump capacitor is built into the motor so the electrical system is much simpler than in case of pumps with a control box. The pumps are equipped with thermal protection mounted in the motor winding. The pumps are available with 1.5 m long cable section or 20 m long stock cable terminated with a plug.

The main advantage of the 3STM pumps is their up to 100l/min. flow, exceptionally high as for 3" pumps

Application:

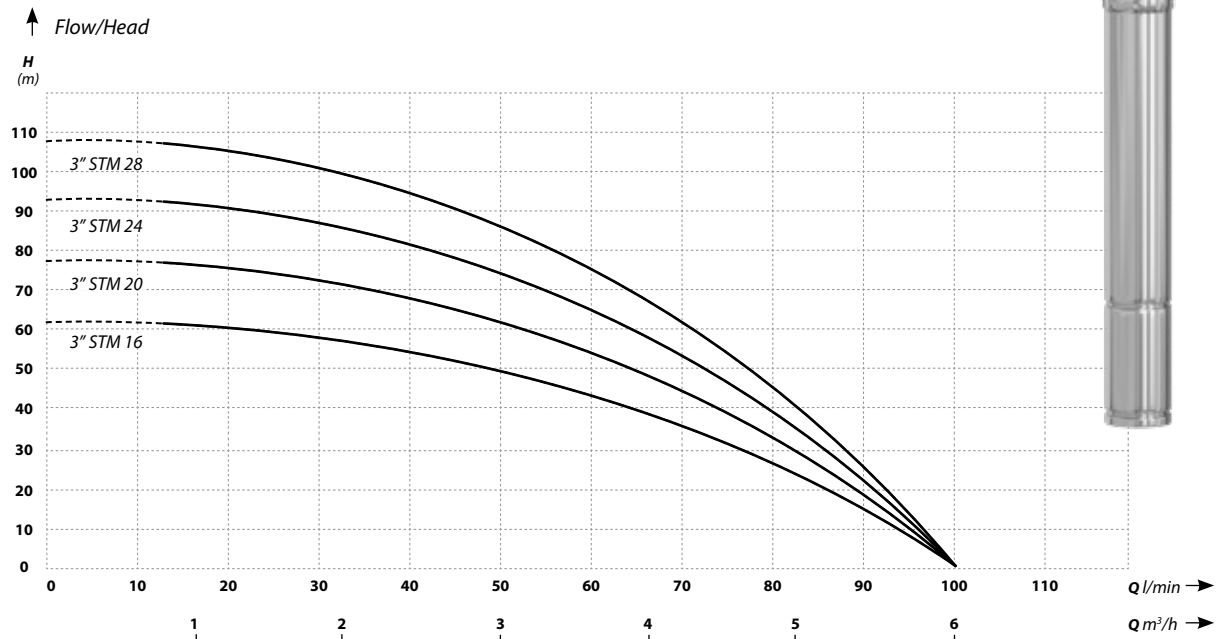
Supply of water to single-family houses and holiday houses. Irrigating gardens. Drainage/dewatering.

Operating conditions:

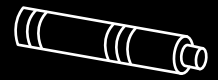
- Maximum liquid temperature 35°C
- Maximum ambient temperature 35°C
- Voltage: 230V
- Class B Insulation
- Operating mode - continuous
- Protection - IP68
- Power cable length: 1,5m lub 20 m
- Workplace: vertical
- Max. number of starts per hour: 30
- Max. immersion depth: 80 m
- Rotational speed of the electric motor: 2850 RPM

Materials:

- Inlet/outlet: brass
- Housing: stainless steel AISI 304
- Shaft and rotor: stainless steel AISI 304
- Impeller: Noryl
- Venturi tube: Noryl
- Mechanical seal: Ceramics/Sic/NBR
- Motor: oil cooling



| Name | Head (m) | Flow (l/min) | Motor power (W) | Voltage (V) | Amperage (A) | Inlet/outlet (inch) | Dimensions Dia/H (mm) | Weight (kg) |
|-----------|----------|--------------|-----------------|-------------|--------------|---------------------|-----------------------|-------------|
| 3" STM 16 | 62 | 100 | 750 | 230 | 5,5 | 1¼ | 75/1260 | 10 |
| 3" STM 20 | 77 | 100 | 1100 | 230 | 6,7 | 1¼ | 75/1480 | 12 |
| 3" STM 24 | 93 | 100 | 1100 | 230 | 6,7 | 1¼ | 75/1580 | 14 |
| 3" STM 28 | 108 | 100 | 1500 | 230 | 9,7 | 1¼ | 75/1760 | 16 |



3,5" SCM | 3,5" SC

90 mm diameter multi-stage deep well pumps. Due to the proven design, it is the most economical solution for single-family houses and farms. With its small diameter, the capacitor built into the motor and the factory-mounted 18 m long cable, the pump is ready for installation immediately after unpacking. Pumps are available as 230 V ~ /50 Hz and 400 V ~ 3/50 Hz versions. Single-phase pumps are equipped with thermal protection mounted in the motor winding.

Application:

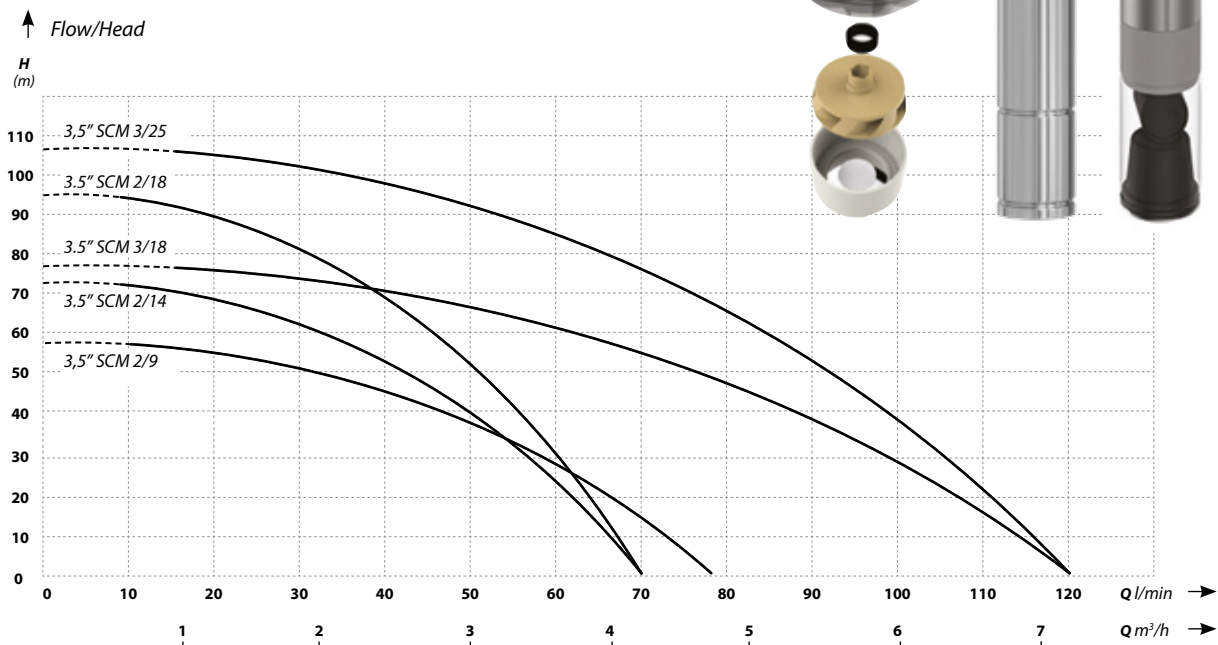
Supply of water to single-family houses and holiday houses. Irrigating gardens. Drainage/dewatering.

Operating conditions:

- Maximum liquid temperature 35°C
- Maximum ambient temperature 35°C
- Voltage: 230 V or 400 V
- Class B Insulation
- Operating mode - continuous
- Protection - IP68
- Power cable length: 20 m
- Workplace: vertical
- Max. number of starts per hour: 20
- Max. immersion depth: 100 m
- Rotational speed of the electric motor: 2850 RPM

Materials:

- Inlet/outlet: grey cast iron
- Housing: stainless steel AISI 304
- Shaft and rotor: stainless steel AISI 304
- Impeller: Noryl
- Venturi tube: Noryl
- Mechanical seal: Ceramics/Sic/NBR
- Motor: oil cooling



| Nazwa | Podnoszenie (m) | Wydajność (l/min) | Moc silnika (W) | Zasilanie (V) | Pobór prądu (A) | Króciec (cale) | Wymiary śr/wys (mm) | Waga (kg) |
|---------------|-----------------|-------------------|-----------------|---------------|-----------------|----------------|---------------------|-----------|
| 3,5" SCM 2/9 | 58 | 78 | 550 | 230 | 4 | 1 ½ | 90/790 | 13 |
| 3,5" SCM 2/14 | 74 | 70 | 1100 | 230/400 | 5,8 / 2,8 | 1½ | 90/1010 | 16 |
| 3,5" SCM 2/18 | 95 | 70 | 1500 | 230/400 | 7,3 / 3,5 | 1½ | 90/1160 | 18 |
| 3,5" SCM 3/18 | 78 | 120 | 1500 | 230/400 | 7,3 / 3,5 | 1½ | 90/1410 | 19 |
| 3,5" SCM 3/25 | 108 | 120 | 1800 | 230/400 | 10 / 4,2 | 1½ | 90/1780 | 27 |



3,5" SDM



**Increased resistance to sand
Floating impellers**

90 mm diameter multi-stage deep well pumps with increased resistance to sand. Power supply 230 V~ /50 Hz. The IBO SDM series were the first pumps on the market to be known as "sand resistant". Increased resistance to sand is achieved by using "floating impellers" and the selection of wear-resistant materials: brass, AISI 304 stainless steel, and high quality plastic materials. The pumps are equipped with thermal protection mounted in the motor winding. With its small diameter, the capacitor built into the motor and the factory-mounted 20 m long cable, the pump is ready for installation immediately after unpacking. The 3.5SDM pumps were the first 90 mm diameter pumps in Poland and are currently among the most often installed pumps by installation services.

Application:

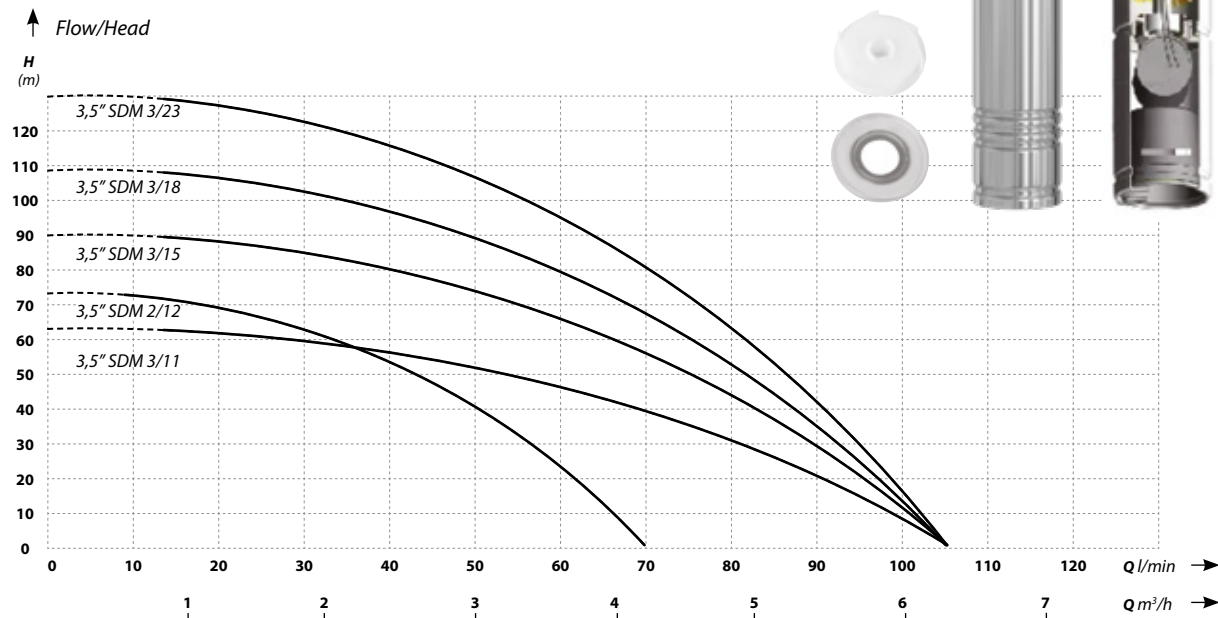
Supply of water to single-family houses and holiday houses. Irrigating gardens. Drainage/dewatering.

Operating conditions:

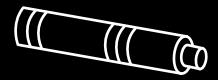
- Maximum liquid temperature 35°C
- Maximum ambient temperature 35°C
- Voltage: 230 V
- Class B Insulation
- Operating mode - continuous
- Protection - IP68
- Power cable length: 20 m
- Workplace: vertical
- Max. number of starts per hour: 20
- Max. immersion depth: 100
- Rotational speed of the electric motor: 2850 RPM

Materials:

- Inlet/outlet: brass
- Housing: stainless steel AISI 304
- Shaft and rotor: stainless steel AISI 304
- Impeller: Noryl
- Venturi tube: Noryl
- Mechanical seal: Ceramics/Sic/NBR
- Motor: oil cooling



| Name | Head (m) | Flow (l/min) | Motor power (W) | Voltage (V) | Amperage (A) | Inlet/outlet (inch) | Dimensions Dia/H (mm) | Weight (kg) |
|---------------|----------|--------------|-----------------|-------------|--------------|---------------------|-----------------------|-------------|
| 3,5" SDM 2/12 | 73 | 70 | 800 | 230 | 5,5 | 1¼ | 90/920 | 11,5 |
| 3,5" SDM 3/11 | 63 | 105 | 800 | 230 | 5,5 | 1½ | 90/1020 | 11 |
| 3,5" SDM 3/15 | 90 | 105 | 1100 | 230 | 7,5 | 1½ | 90/1260 | 17 |
| 3,5" SDM 3/18 | 109 | 105 | 1500 | 230 | 9,9 | 1½ | 90/1410 | 18 |
| 3,5" SDM 3/23 | 130 | 105 | 1800 | 230 | 11,9 | 1½ | 90/1670 | 23 |



4" SD | 4" SDM



**Increased resistance to sand
Floating impellers**

98 mm diameter multi-stage deep well pumps with increased resistance to sand, intended for minimum 4 inch diameter wells.

All SD pumps have PZH (National Institute of Hygiene) approval. 4SD/4SDM pumps are available with IBO and IBO ITALY motors as 400V~3 /50Hz and 230V / 50Hz versions. Increased resistance to sand is achieved by using "floating impellers" and the selection of wear-resistant materials: brass inlet and outlet, AISI 304 stainless steel housing, shaft and filter screen, and the impellers made of high quality plastic materials. Pumps with 230 V ~ / 50 Hz motors are equipped with a control box with built-in capacitor and overcurrent protection. Pumps with 0.75 kW to 2.2 kW motors are available with 1.5 m or 20 m long cable. 4SD 2/12 pumps have 20 m power cable.

Pumps with 3 kW to 4 kW motors are available with 2 m long cable. Pumps with 5.5 kW do 7.5 kW motors are available with 3 m long cable. Upon request, the cable can be extended by any length. The IBO 4SD series were the first pumps on the market to be known as "sand resistant". Currently, they are among the few on the market to provide such high sand resistance. Maximum sand content in water is up to 5%.

Application:

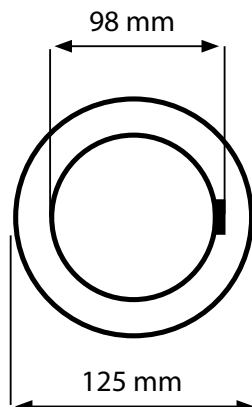
Supply of water to single-family houses and farms from deep well intakes. Irrigating gardens and orchards. Land drainage/dewatering. Water supply systems. Industrial applications.

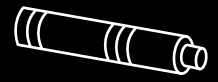
Operating conditions:

- Maximum liquid temperature 35°C
- Maximum ambient temperature 35°C
- Voltage: 230 V or 400 V
- Class F Insulation
- Operating mode - continuous
- Protection - IP68
- Power cable length: 20 m lub 1,5 m
- Workplace: vertical
- Max. number of starts per hour: 20
- Max. immersion depth: 100 m
- Rotational speed of the electric motor: 2850 RPM

Materials:

- Inlet/outlet: brass
- Housing: stainless steel AISI 304
- Shaft and rotor: stainless steel AISI 304
- Impeller: Noryl
- Venturi tube: Noryl
- Mechanical seal: Ceramics/Sic/NBR
- Motor: oil cooling





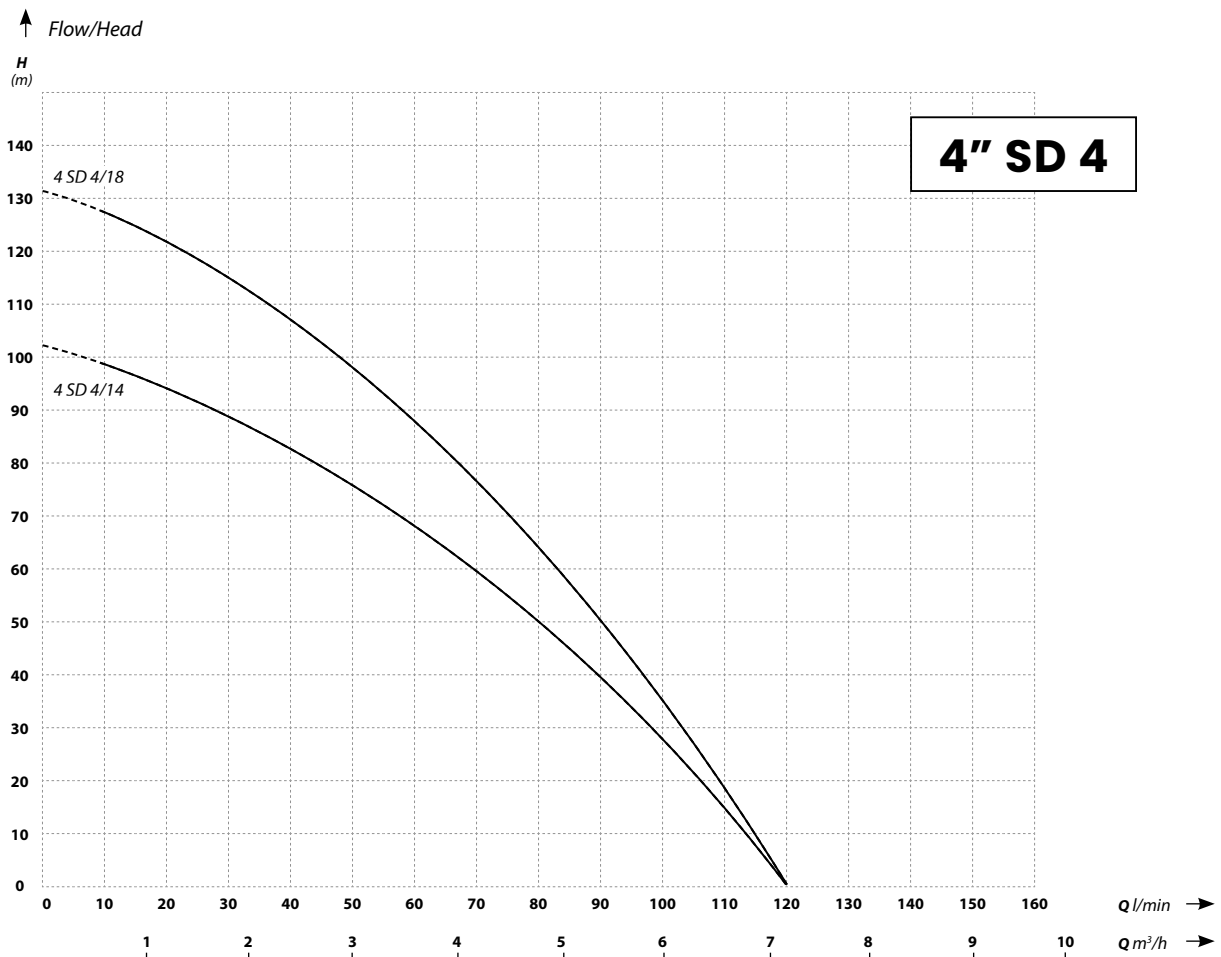
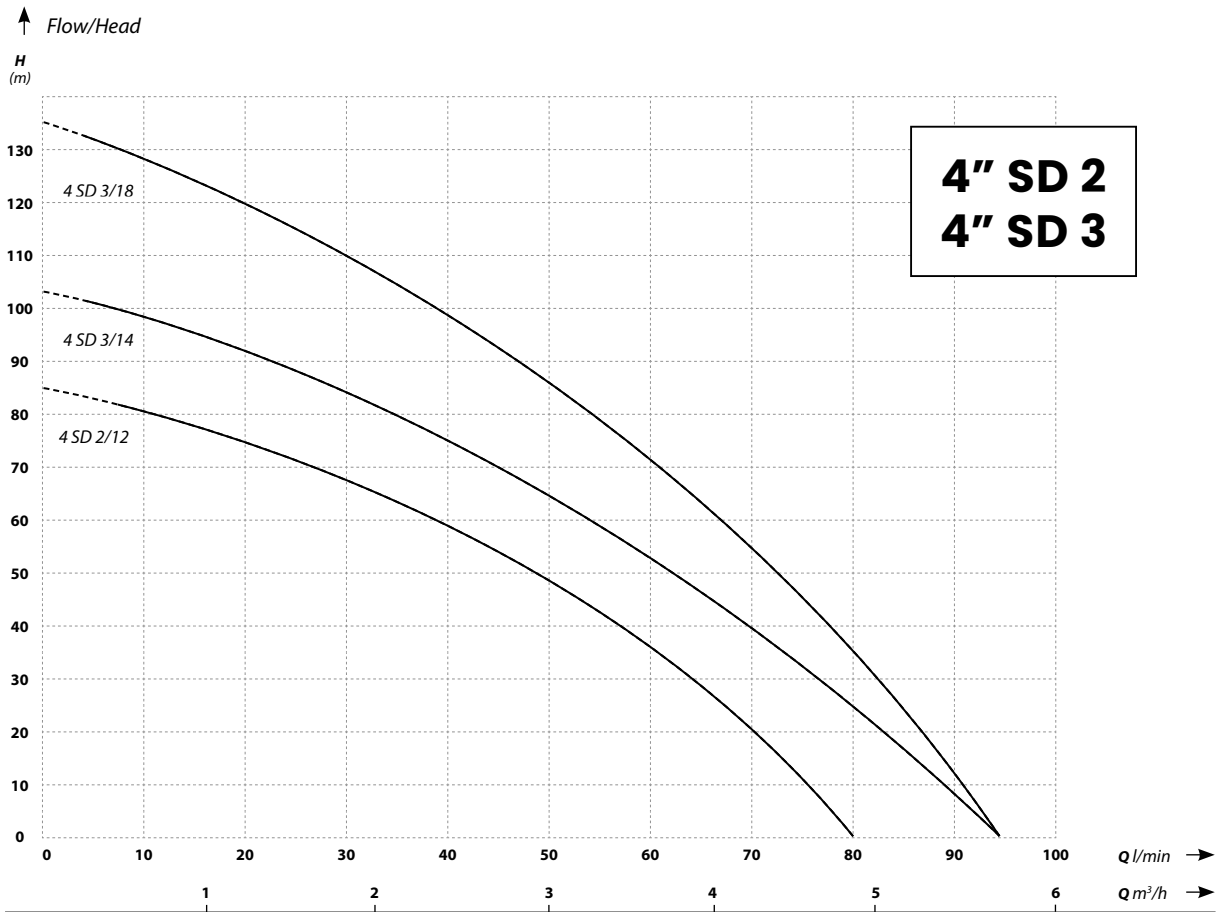
4" SD cd.

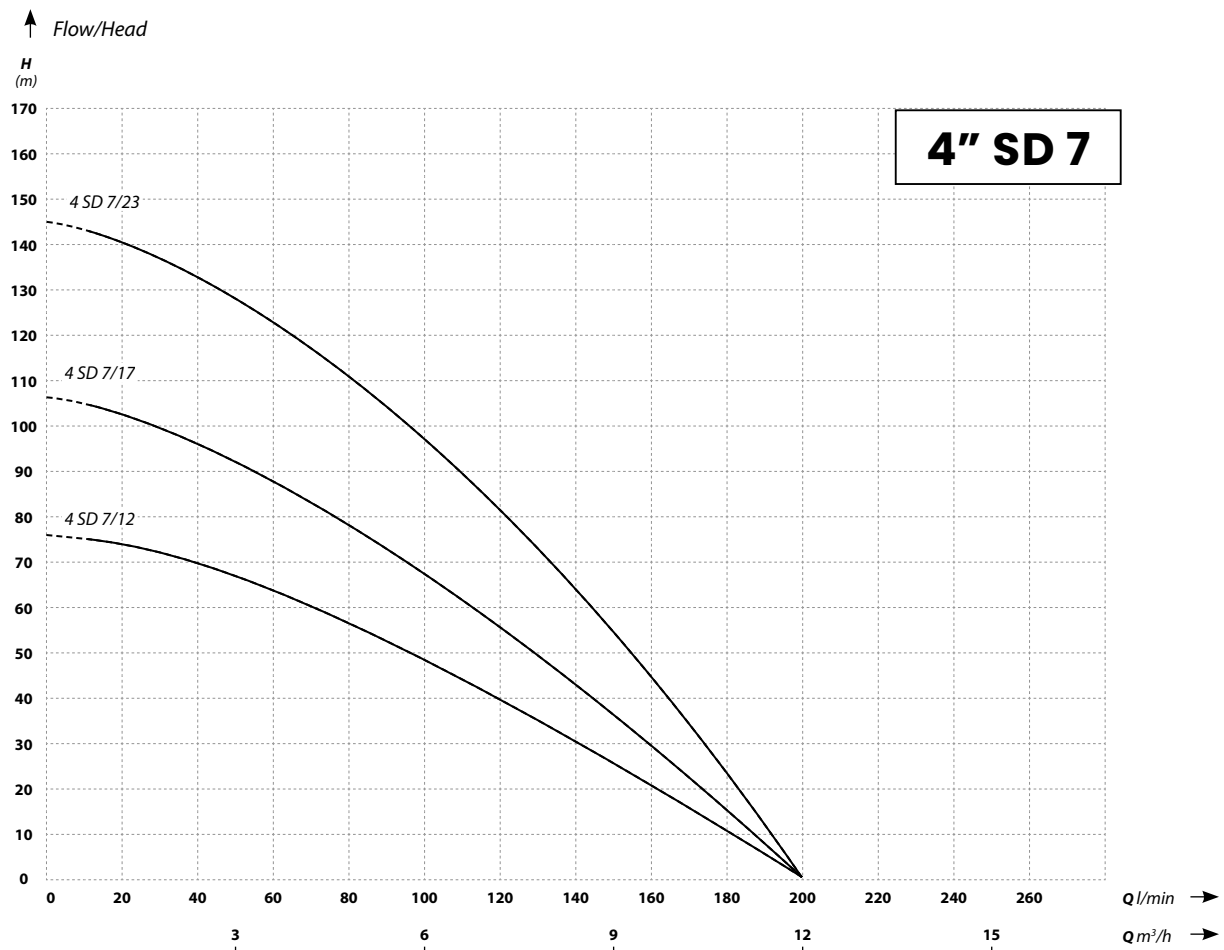
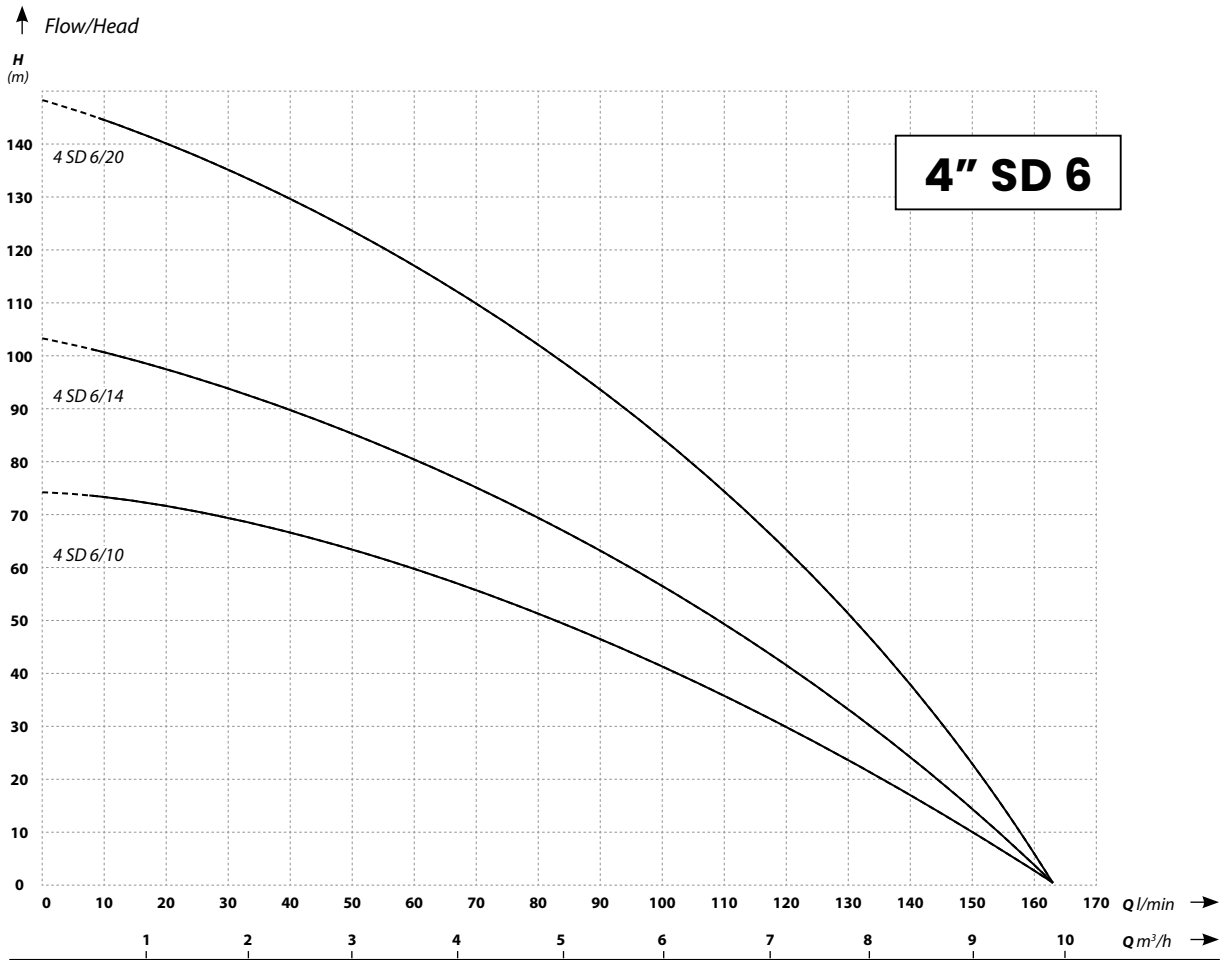


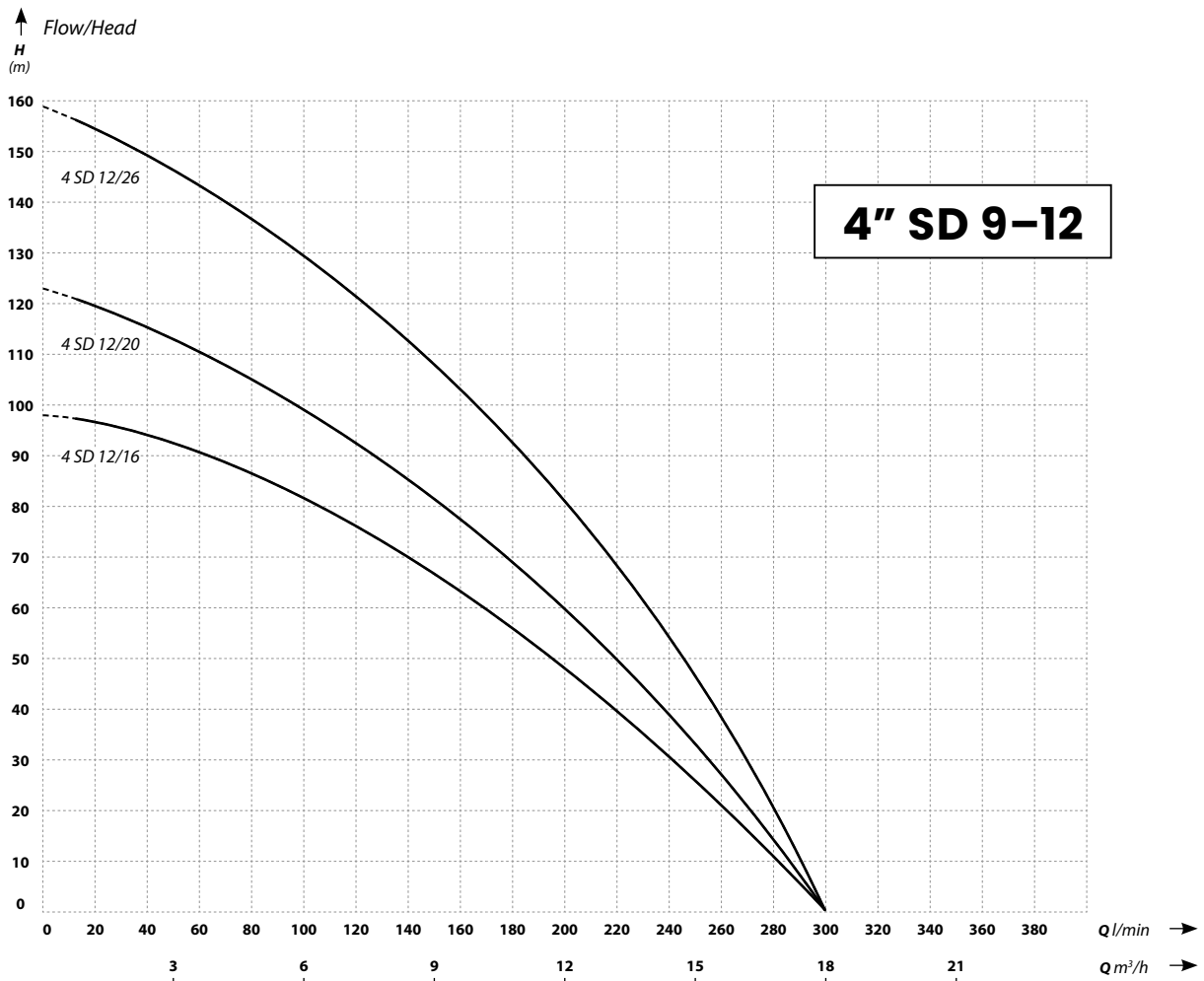
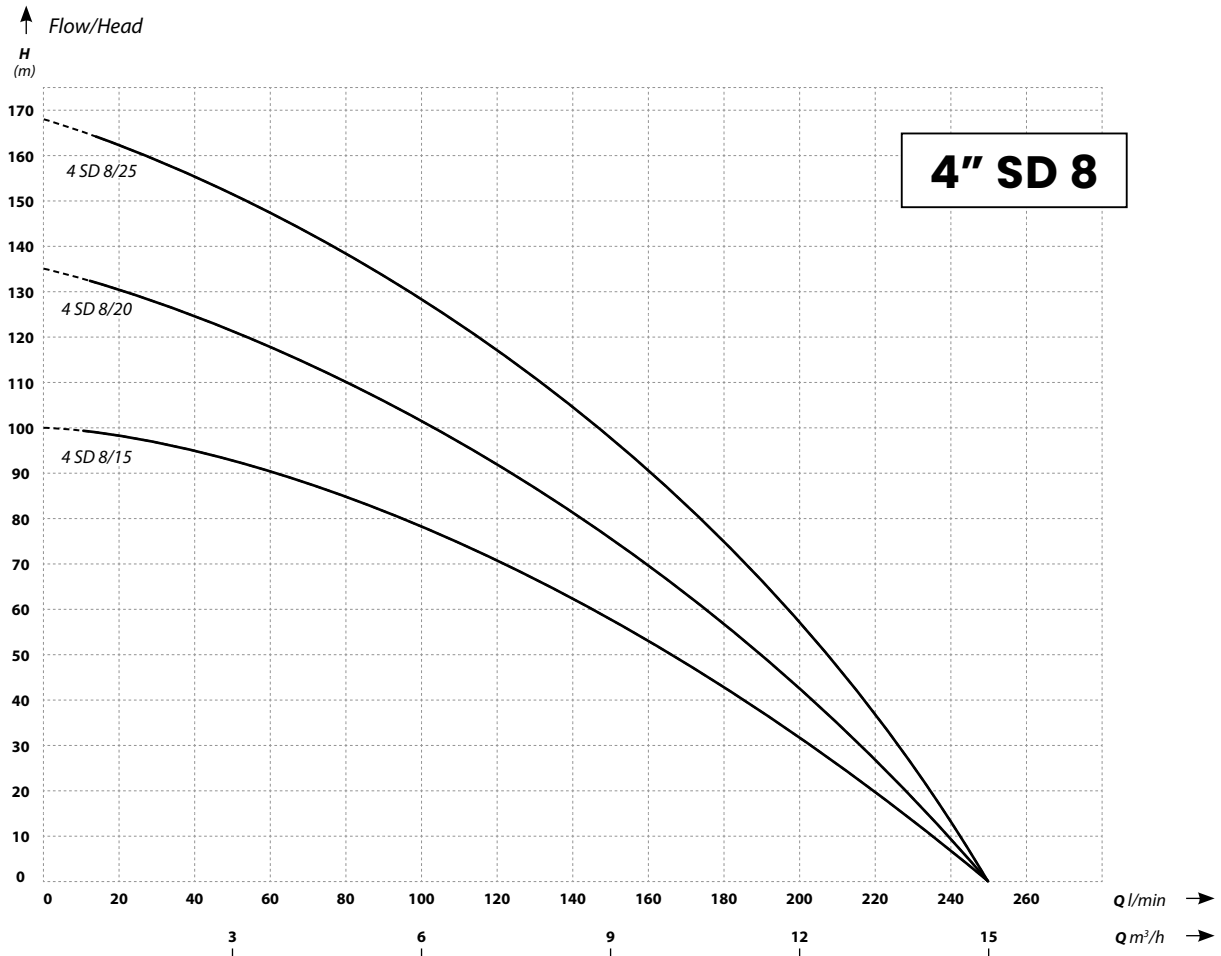
Increased resistance to sand
Floating impellers

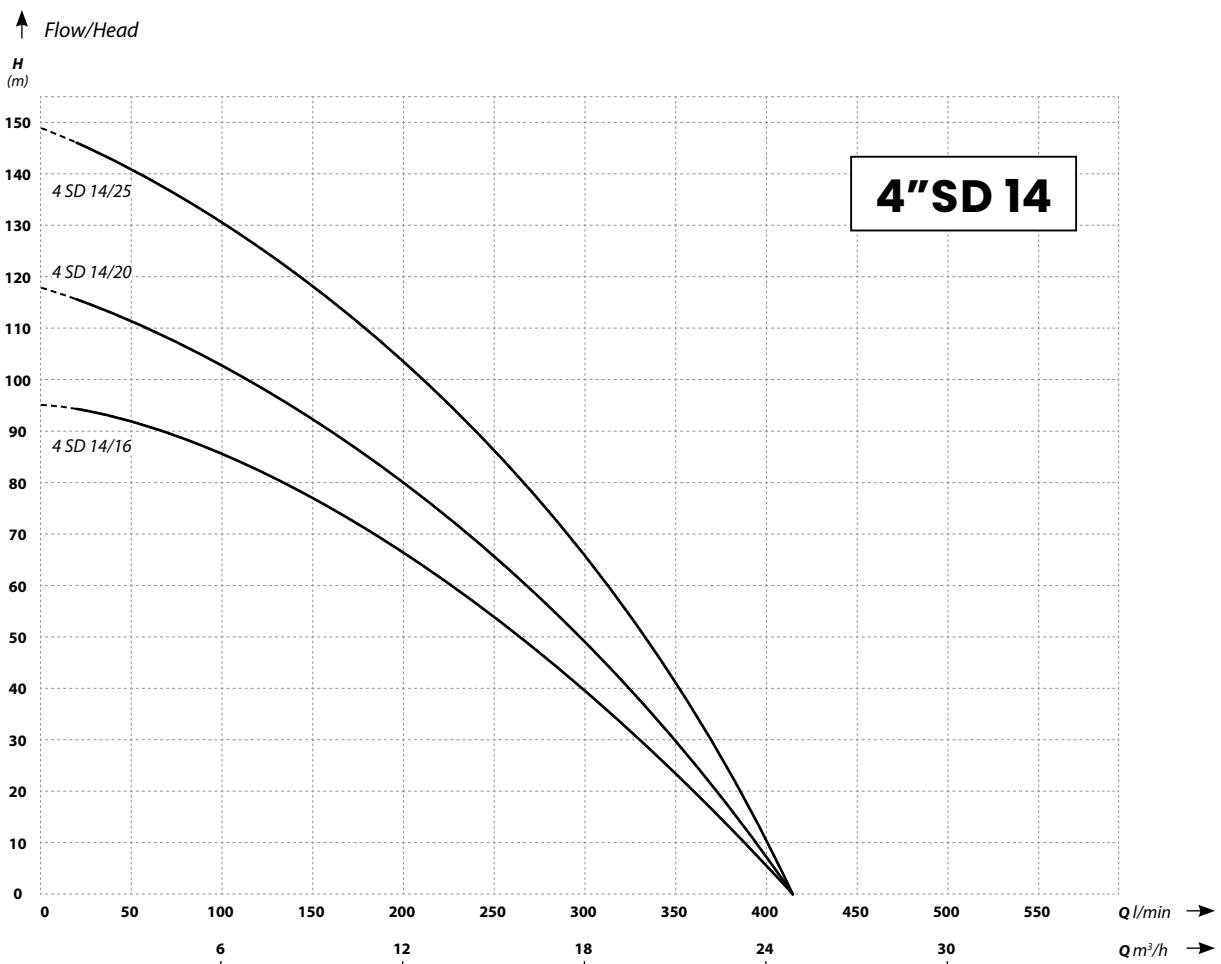
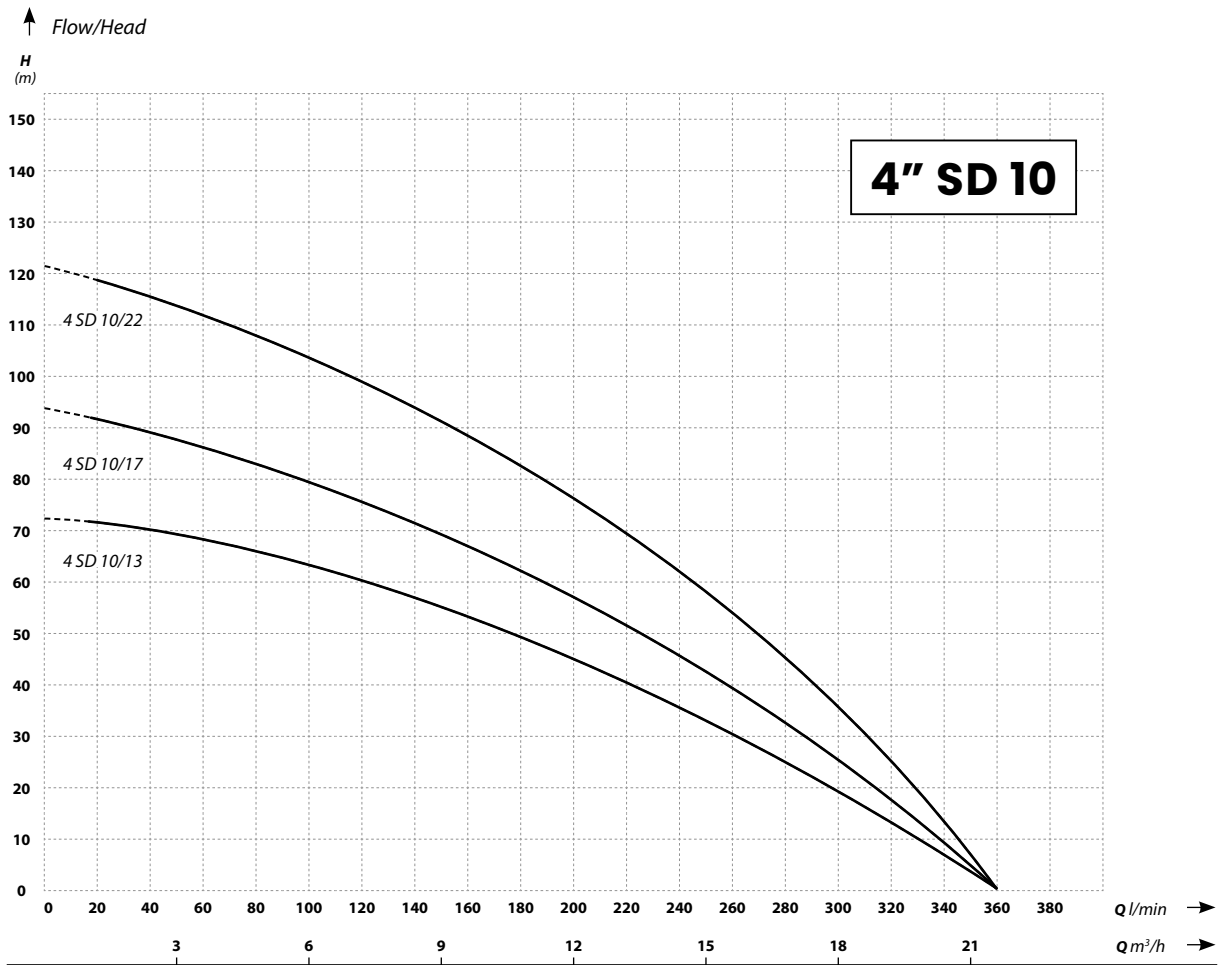
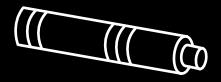
| Name | Head (m) | Flow (l/min) | Motor power (W) | Voltage (V) | Amperage (A) | Inlet/outlet (inch) | Dimensions Dia/H (mm) | Weight (kg) |
|-------------|----------|--------------|-----------------|-------------|--------------|---------------------|-----------------------|-------------|
| 4 SD 2/12 | 85 | 80 | 0,75 | 230 | 6,3 | 1¼ | 98/930 | 16 |
| 4 SD 3/14 | 103 | 94 | 1,1 | 230/400 | 8,5/4,0 | 1½ | 98/1050 | 17 |
| 4 SD 3/18 | 135 | 94 | 1,5 | 230/400 | 10,5/5,0 | 1½ | 98/1260 | 19 |
| 4SD 4/14 | 102 | 120 | 1,1 | 230/400 | 8,5/4,0 | 1½ | 98/1010 | 14,7 |
| 4SD 4/18 | 131 | 120 | 1,5 | 230/400 | 10,5/5,0 | 1½ | 98/1210 | 17,5 |
| 4 SD 6/10 | 74 | 162 | 1,5 | 230/400 | 10,5/5,0 | 2 | 98/1100 | 18 |
| 4 SD 6/14 | 103 | 162 | 2,2 | 230/400 | 15,5/6,3 | 2 | 98/1340 | 21 |
| 4 SD 6/20 | 148 | 162 | 3 | 400 | 7,2 | 2 | 98/1580 | 23 |
| 4SD 7/12 | 76 | 200 | 1,5 | 230/400 | 10,5/5,1 | 2 | 98/1150 | 16,5 |
| 4SD 7/17 | 107 | 200 | 2,2 | 230/400 | 15,5/6,3 | 2 | 98/1435 | 21,5 |
| 4SD 7/23 | 145 | 200 | 3 | 400 | 7,20 | 2 | 98/1740 | 27,5 |
| 4 SD 8/15 | 100 | 250 | 3 | 400 | 7,2 | 2 | 98/1640 | 23 |
| 4 SD 8/20 | 135 | 250 | 4 | 400 | 9,2 | 2 | 98/1970 | 30 |
| 4 SD 8/25 | 169 | 250 | 5,5 | 400 | 12,9 | 2 | 98/2430 | 35 |
| 4SD 9-12/16 | 98 | 300 | 3 | 400 | 7,20 | 2 | 98/1760 | 26,9 |
| 4SD 9-12/20 | 123 | 300 | 4 | 400 | 9,20 | 2 | 98/2115 | 32 |
| 4SD 9-12/26 | 159 | 300 | 5,5 | 400 | 12,90 | 2 | 98/2545 | 38,5 |
| 4 SD 10/13 | 72 | 360 | 3 | 400 | 7,2 | 2 | 98/1650 | 26 |
| 4 SD 10/17 | 94 | 360 | 4 | 400 | 9,2 | 2 | 98/2010 | 31 |
| 4 SD 10/22 | 121 | 360 | 5,5 | 400 | 12,9 | 2 | 98/2460 | 38 |
| 4SD 14/16 | 95 | 415 | 4 | 400 | 9,20 | 2 | 98/2095 | 32 |
| 4SD 14/20 | 118 | 415 | 5,5 | 400 | 12,90 | 2 | 98/2450 | 37,9 |
| 4SD 14/25 | 149 | 415 | 7,5 | 400 | 18,50 | 2 | 98/2950 | 44,5 |
| 4 SD 16/14 | 75 | 435 | 4 | 400 | 9,2 | 2 | 98/1800 | 30 |
| 4 SD 16/18 | 99 | 435 | 5,5 | 400 | 12,9 | 2 | 98/2250 | 37 |
| 4 SD 16/28 | 153 | 435 | 7,5 | 400 | 18,5 | 2 | 98/3000 | 47 |
| 4SD 20/15 | 90 | 500 | 4 | 400 | 9,2 | 2 | 98/2120 | 29 |
| 4SD 20/20 | 125 | 500 | 5,5 | 400 | 12,9 | 2 | 98/2360 | 37 |
| 4SD 20/25 | 150 | 500 | 7,5 | 400 | 18,5 | 2 | 98/2840 | 46 |

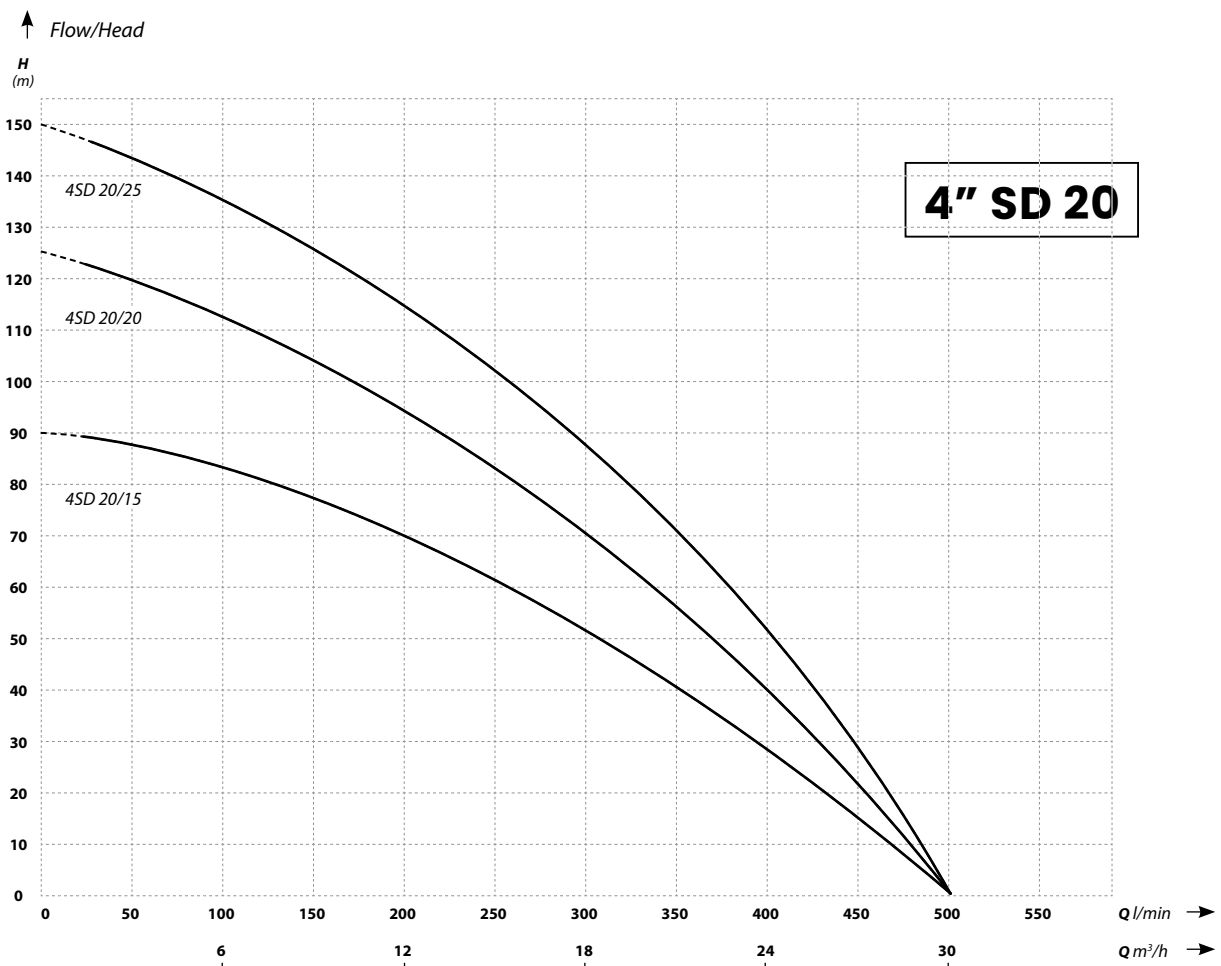
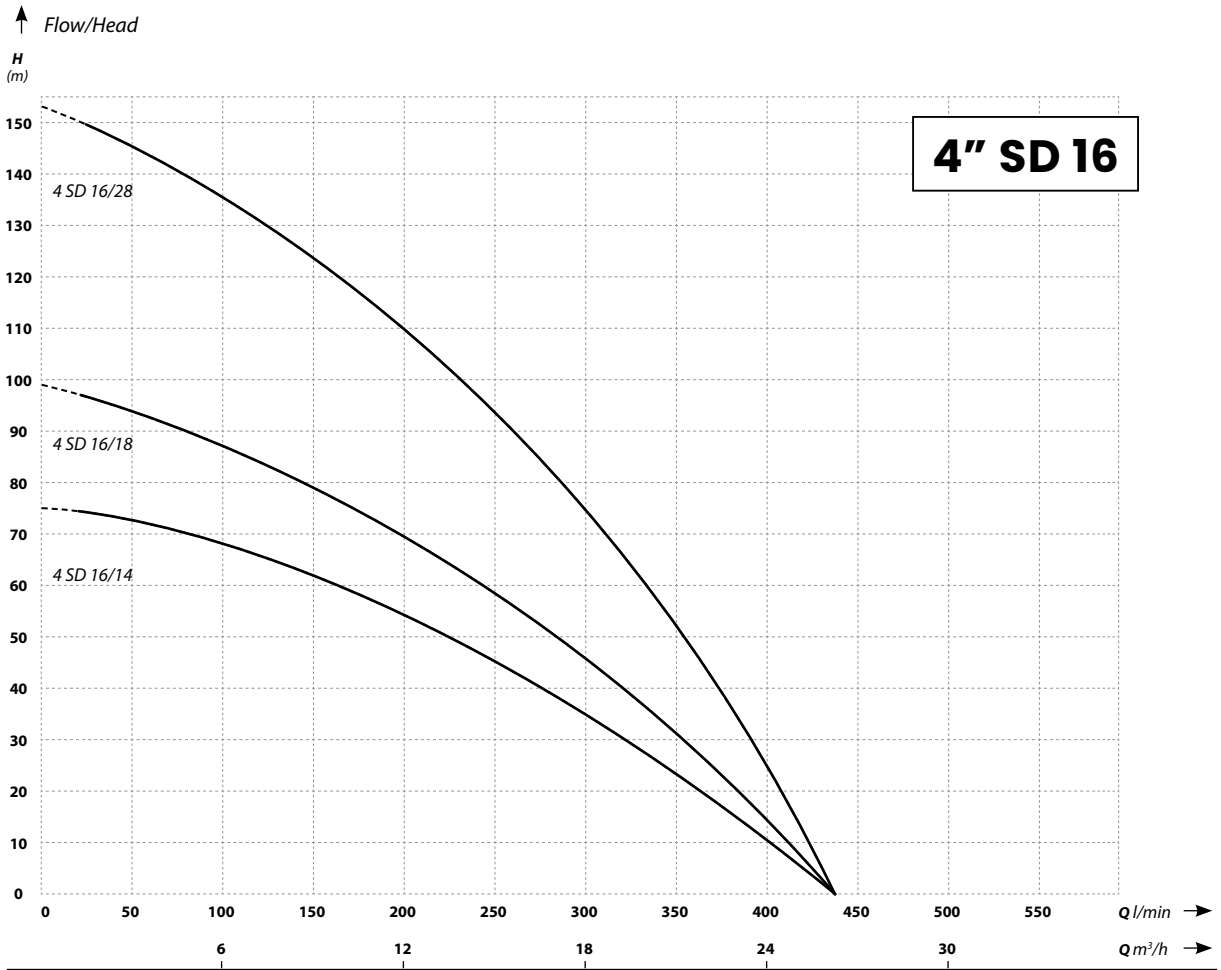
Depending on the production batch, the device parameters may differ from the data provided in the table.













5" SD



**Increased resistance to sand
Floating impellers**

127 mm diameter multi-stage deep well pumps with increased resistance to sand, intended for minimum 5" wells. The IBO SD series were the first pumps on the market to be known as "sand resistant". The "sand resistance" is the unquestionable advantage of IBO pumps over competing products due their innovative and rare design with increased resistance to sand, unusual in 3-inch pumps. For 5SD 25 pumps, the maximum sand content in water is 5%. Increased resistance to sand is achieved by using "floating impellers".

Increased resistance to sand is achieved by using "floating impellers".
Upon request, the cable of any length can be installed.

Application:

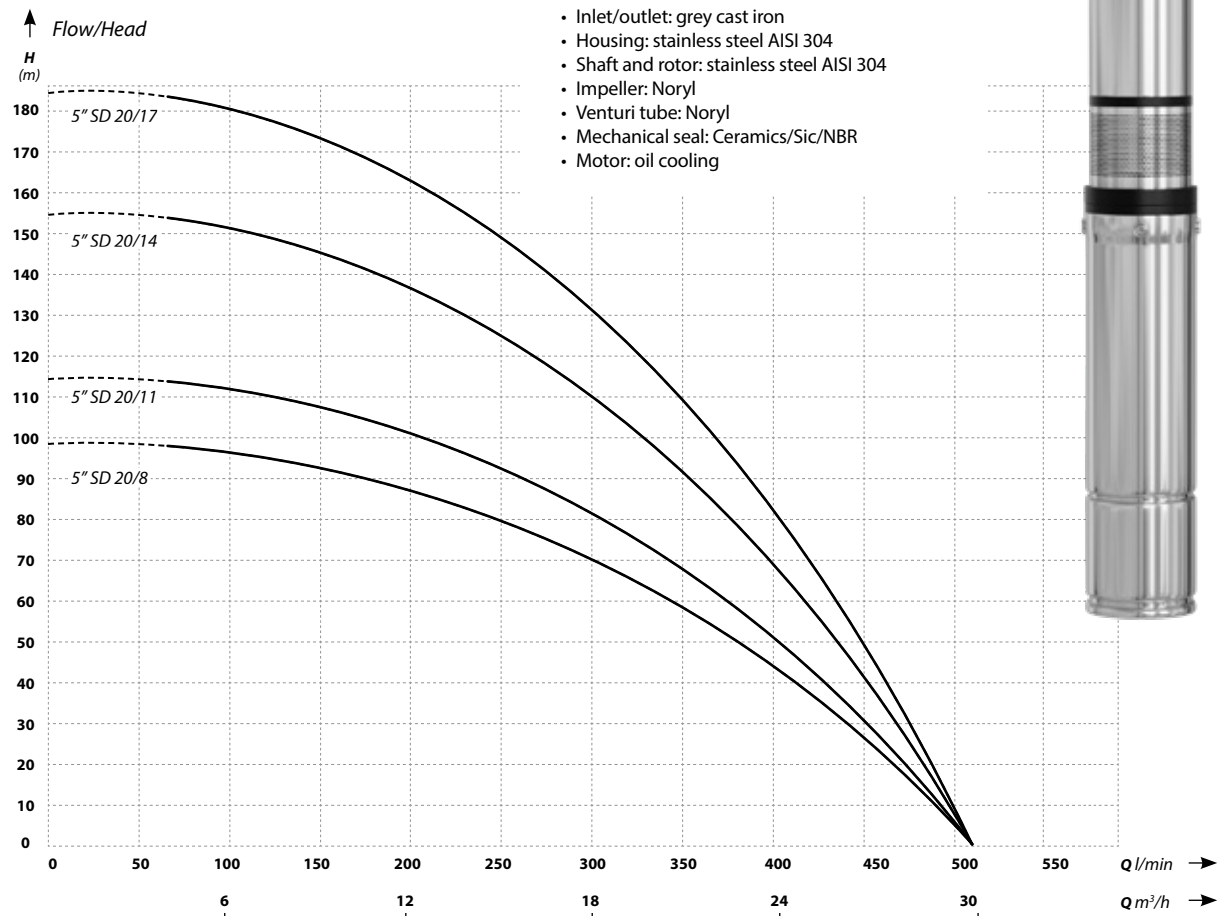
Supply of water to large farms from deep water intakes, garden and orchard irrigation, shrubs and tree nurseries, land drainage/dewatering. Water supply systems, industrial applications.

Operating conditions:

- Maximum liquid temperature 35°C
- Maximum ambient temperature 35°C
- Voltage: 230 V or 400 V
- Klasa izolacji: B Class B Insulation
- Operating mode - continuous
- Protection - IP68
- Power cable length: 2 m
- Workplace: vertical
- Max. number of starts per hour: 20
- Max. immersion depth: 100 m
- Rotational speed of the electric motor: 2850 RPM

Materials:

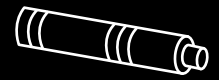
- Inlet/outlet: grey cast iron
- Housing: stainless steel AISI 304
- Shaft and rotor: stainless steel AISI 304
- Impeller: Noryl
- Venturi tube: Noryl
- Mechanical seal: Ceramics/Sic/NBR
- Motor: oil cooling



| Name | Head (m) | Flow (l/min) | Motor power (kW) | Voltage (V) | Amperage (A) | Inlet/outlet (inch) | Dimensions Dia/H (mm) | Weight (kg) |
|-------------|----------|--------------|------------------|-------------|--------------|---------------------|-----------------------|-------------|
| 5" SD 20/8 | 99 | 500 | 4 | 400 | 10,4 | 3 | 127/1440 | 34 |
| 5" SD 20/11 | 115 | 500 | 5,5 | 400 | 14 | 3 | 127/1640 | 42 |
| 5" SD 20/14 | 155 | 500 | 7,5 | 400 | 17,5 | 3 | 127/1880 | 50 |
| 5" SD 20/17 | 185 | 500 | 9,2 | 400 | 21,5 | 3 | 127/2040 | 58 |

Depending on the production batch, the device parameters may differ from the data provided in the table.





6" SD



**Increased resistance to sand
Floating impellers**

146 mm multi-stage deep well pumps with increased resistance to sand, intended for minimum 6" wells. The IBO SD series were the first pumps on the market to be known as "sand resistant".

The "sand resistance" is the unquestionable advantage of IBO pumps over competing products due their innovative and rare design with increased resistance to sand, unusual in 6-inch pumps.

For 6SD 25 pumps, the maximum sand content in water is 5%. Increased resistance to sand is achieved by using "floating impellers". The pumps are available with 6 inch IBO or IBO ITALY motors.

Upon request, the cable of any length can be installed.

Application:

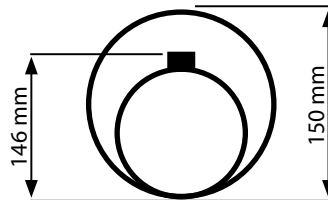
Supply of water to large farms from deep water intakes, garden and orchard irrigation, shrubs and tree nurseries, land drainage/dewatering, water supply systems, industrial applications.

Operating conditions:

- Maximum liquid temperature 35°C
- Maximum ambient temperature 35°C
- Voltage: 230 V or 400 V
- Class B Insulation
- Operating mode - continuous
- Protection - IP68
- Power cable length: 2 m
- Workplace: vertical
- Max. number of starts per hour: 20
- Max. immersion depth: 100 m
- Rotational speed of the electric motor: 2850 RPM

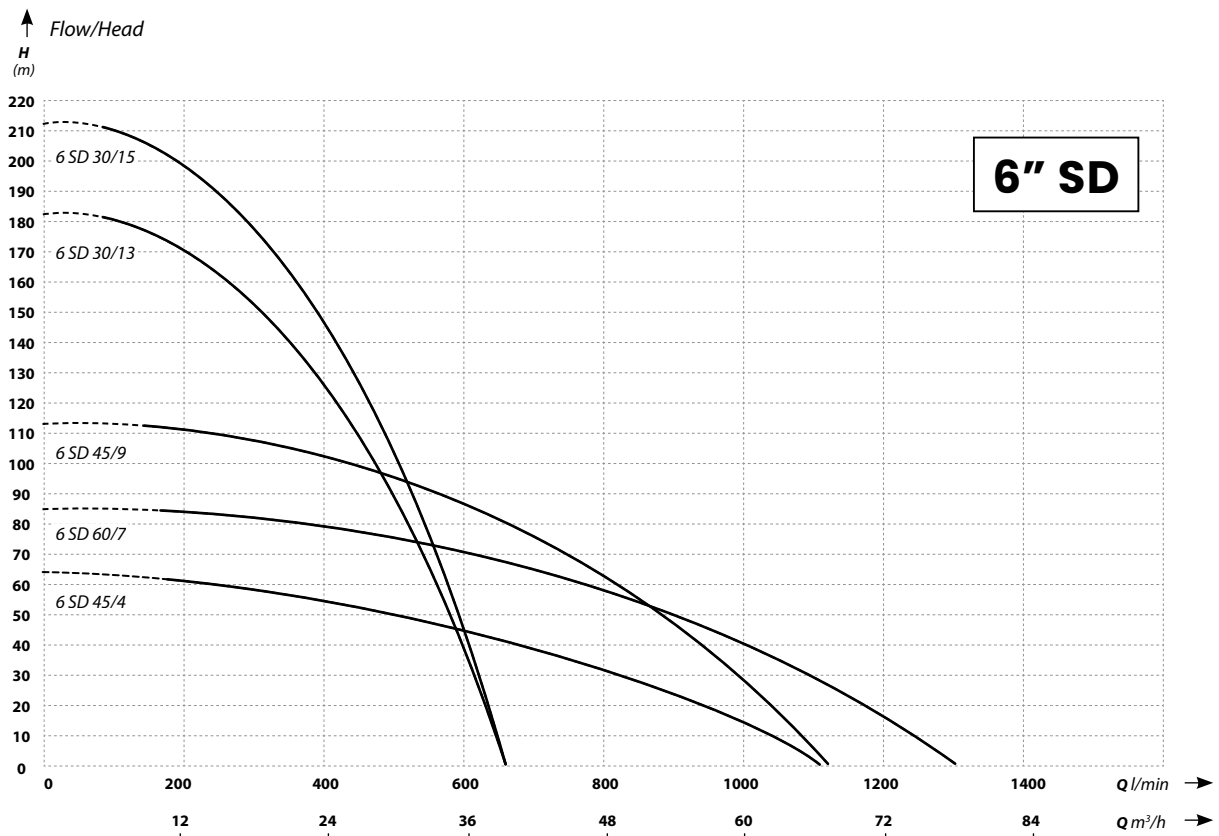
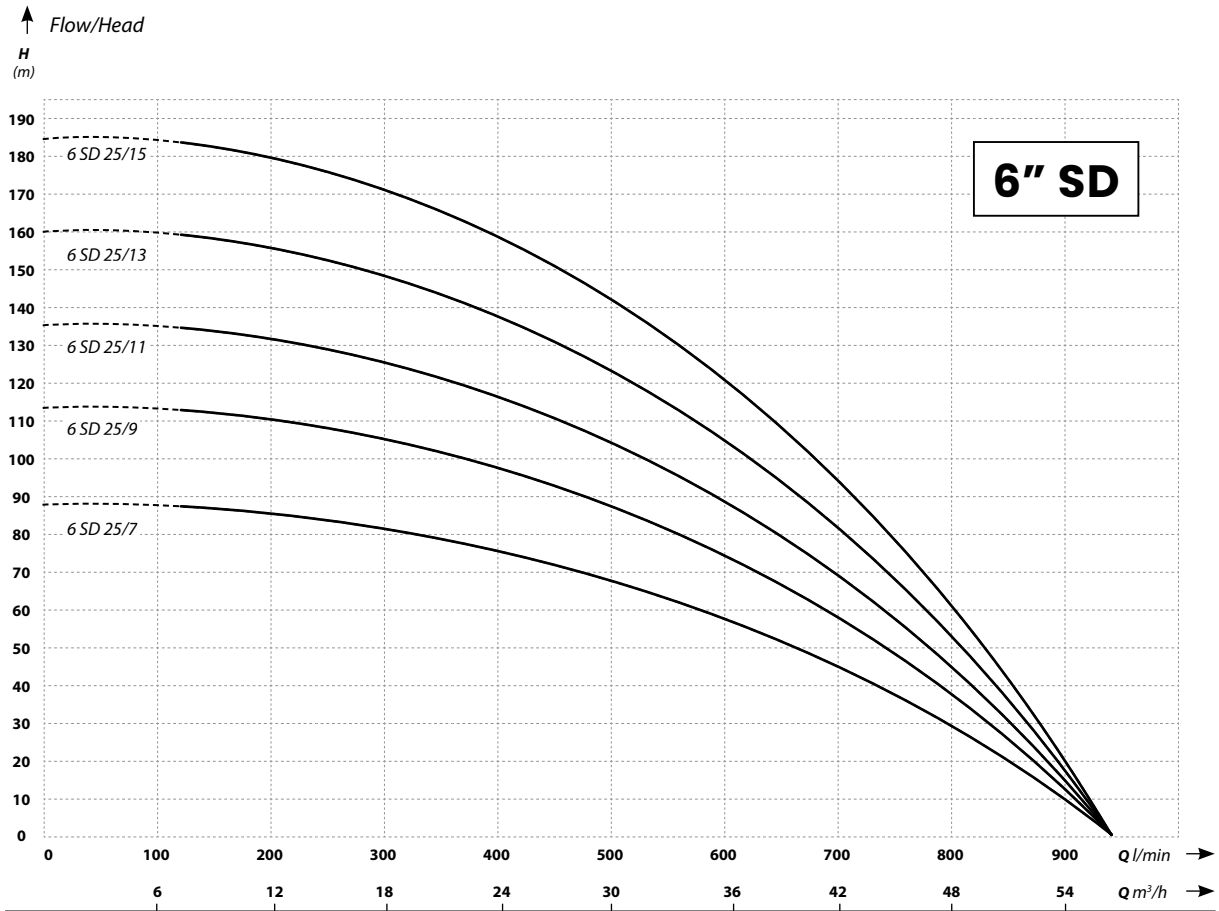
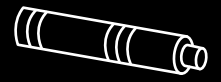
Materials:

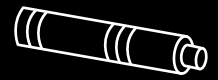
- Inlet/outlet: grey cast iron
- Housing: stainless steel AISI 304
- Shaft and rotor: stainless steel AISI 304
- Impeller: Noryl
- Venturi tube: Noryl
- Mechanical seal: Ceramics/Sic/NBR
- Motor: oil cooling



| Name | Head (m) | Flow (l/min) | Motor power (kW) | Voltage (V) | Amperage (A) | Inlet/outlet (inch) | Dimensions Dia/H (mm) | Weight (kg) |
|------------|----------|--------------|------------------|-------------|--------------|---------------------|-----------------------|-------------|
| 6 SD 25/7 | 89 | 920 | 7,5 | 400 | 17,5 | 3 | 146/1440 | 52 |
| 6 SD 25/9 | 113 | 920 | 9,2 | 400 | 21,5 | 3 | 146/1650 | 59 |
| 6 SD 25/11 | 135 | 920 | 11 | 400 | 24,5 | 3 | 146/1880 | 67 |
| 6 SD 25/13 | 160 | 920 | 13 | 400 | 27,5 | 3 | 146/2090 | 73 |
| 6 SD 25/15 | 185 | 920 | 15 | 400 | 31,5 | 3 | 146/2300 | 82 |
| 6 SD 30/13 | 183 | 650 | 13 | 400 | 27,5 | 3 | 146/2150 | 73 |
| 6 SD 30/15 | 211 | 650 | 15 | 400 | 31,5 | 3 | 146/2400 | 83 |
| 6 SD 45/4 | 64 | 1150 | 5,5 | 400 | 19,3 | 3 | 146/1390 | 43 |
| 6 SD 45/9 | 112 | 1150 | 15 | 400 | 31,5 | 3 | 146/1818 | 81 |
| 6 SD 60/7 | 85 | 1300 | 15 | 400 | 31,5 | 3 | 146/1784 | 83 |

Depending on the production batch, the device parameters may differ from the data provided in the table.





3" ISP

Stainless steel

76 mm diameter stainless steel multi-stage deep well pumps intended for wells with 4" minimum diameter. Maximum sand content in water is up to 3%. Due to the materials used, the ISP pumps are among the most durable deep well pumps. Inlet, outlet, housing, shaft and impeller are made entirely of stainless steel. The pumps are supplied with 3" oil-cooled motors.

The 3" ISP series are the first pumps made entirely of stainless steel available on the Polish market. The pumps have a 2 m long power cable that can be extended. Upon request, the cable can be extended by any length.

Application:

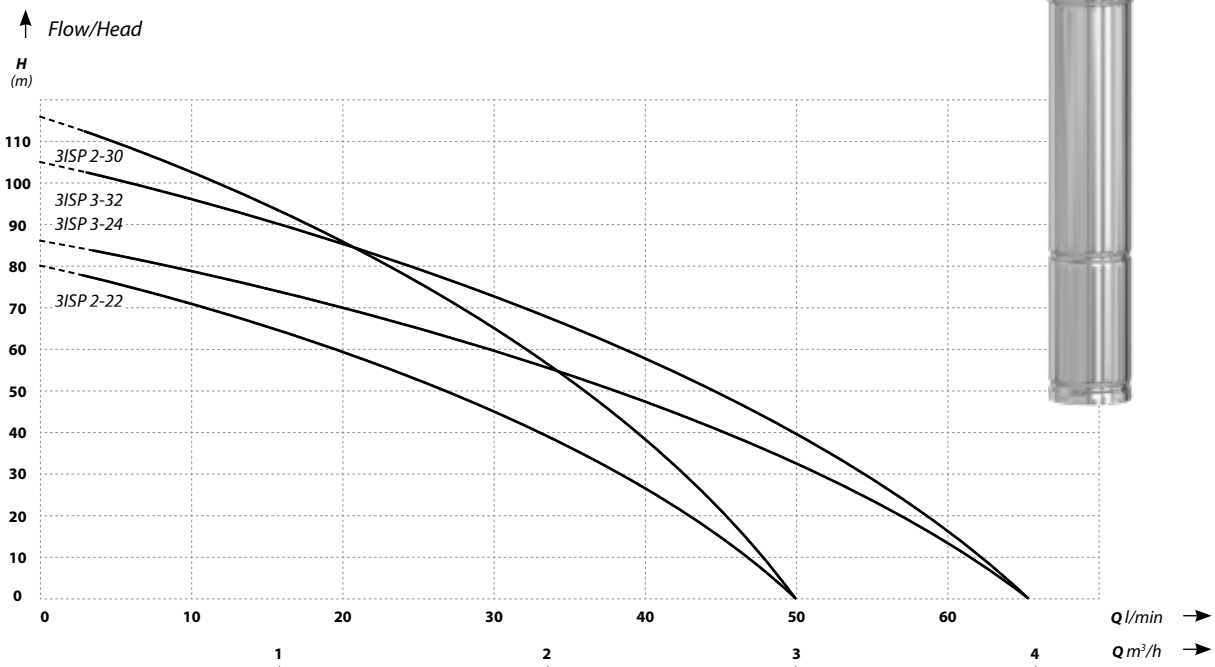
Supply of water to single-family houses and holiday houses. Irrigating gardens. Drainage/dewatering.

Operating conditions:

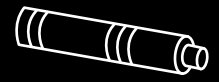
- Maximum liquid temperature 35°C
- Maximum ambient temperature 35°C
- Voltage: 230 V
- Class B Insulation
- Operating mode - continuous
- Protection - IP68
- Power cable length: 20 m
- Workplace: vertical
- Max. number of starts per hour: 20
- Max. immersion depth: 100 m
- Rotational speed of the electric motor: 2850 RPM

Materials:

- Inlet/outlet: stainless steel AISI 304
- Housing: stainless steel AISI 304
- Shaft and rotor: stainless steel AISI 304
- Impeller: stainless steel AISI 304
- Venturi tube: stainless steel AISI 304
- Mechanical seal: Ceramics/Sic/NBR
- Motor: oil cooling



| Name | Head (m) | Flow (l/min) | Motor power (W) | Voltage (V) | Amperage (A) | Inlet/outlet (inch) | Dimensions Dia/H (mm) | Weight (kg) |
|-----------|----------|--------------|-----------------|-------------|--------------|---------------------|-----------------------|-------------|
| 3ISP 2-22 | 80 | 50 | 550 | 230 | 5,7 | 1 1/4" | 75/1150 | 12 |
| 3ISP 2-30 | 115 | 50 | 750 | 230 | 7,3 | 1 1/4" | 75/1350 | 14 |
| 3ISP 3-24 | 85 | 65 | 750 | 230 | 7,9 | 1 1/4" | 75/1290 | 16 |
| 3ISP 3-32 | 105 | 65 | 1100 | 230 | 9,7 | 1 1/4" | 75/1630 | 18 |



4" ISP / 4" ISPM

Stainless steel

98 mm diameter stainless steel multi-stage deep well pumps intended for minimum 4" diameter wells. Maximum sand content in water is up to 0.3%.

Due to the materials used, the ISP pumps are among the most durable deep well pumps. Inlet, outlet, housing, shaft and impellers are made entirely of stainless steel.

4 ISPM pumps are available with IBO and IBO ITALY 230 V ~ / 50Hz motors. 4 ISP pumps are available with IBO and IBO ITALY 400 V ~ / 50Hz motors.

Pumps with 230 V ~ / 50 Hz motors are equipped with a control box with built-in capacitor and overcurrent protection.

Pumps with 0.75 kW to 2.2 kW motors are available with 1.5 m or 20 m long cable. Upon request, the cable can be extended by any length.

Application:

Supply of water to single-family houses and farms from deep well intakes. Irrigating gardens and orchards. Land drainage/dewatering. Water supply systems. Industrial applications.

Operating conditions:

- Maximum liquid temperature 35°C
- Maximum ambient temperature 35°C
- Voltage: 230 V
- Class B/F Insulation
- Operating mode - continuous
- Protection - IP68
- Power cable length: 20 m lub 1,5 m
- Workplace: vertical
- Max. number of starts per hour: 30
- Max. immersion depth: 100 m
- Rotational speed of the electric motor: 2850 RPM

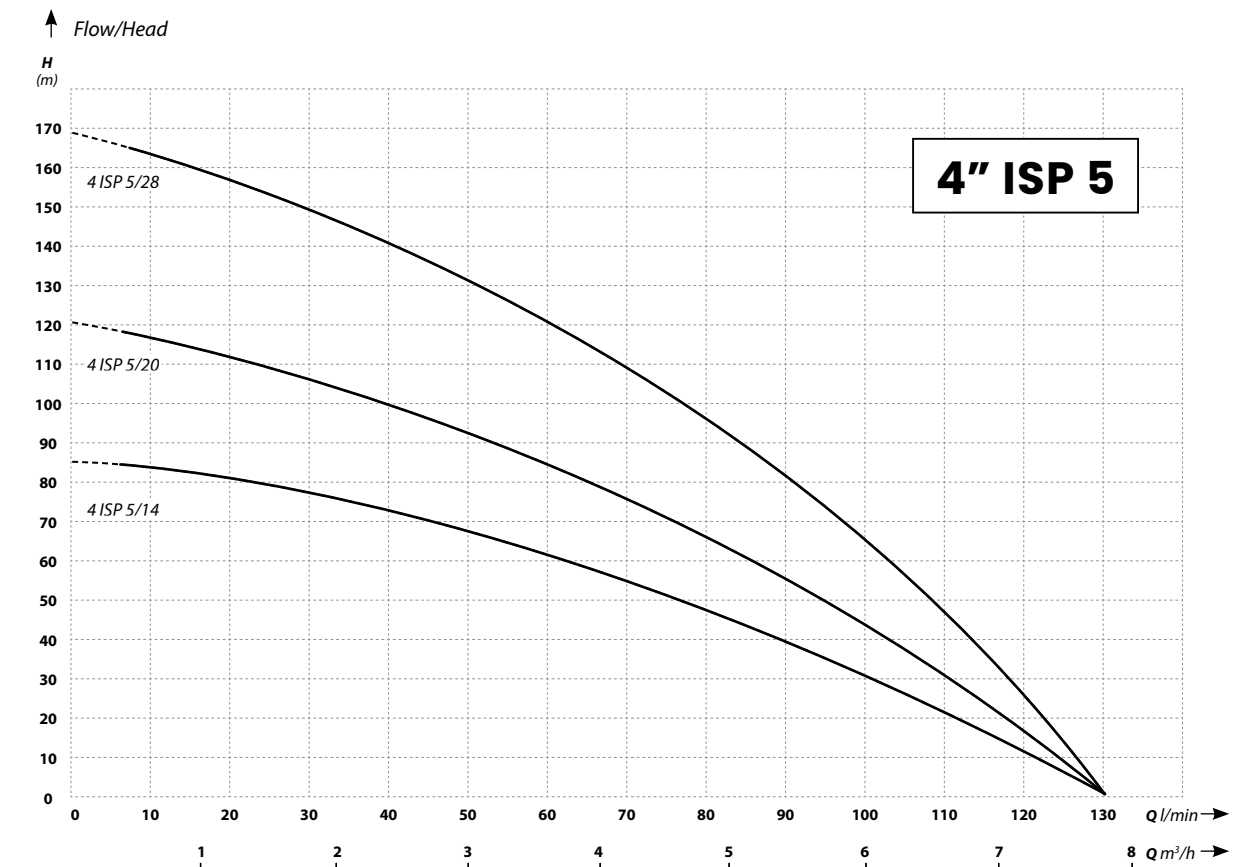
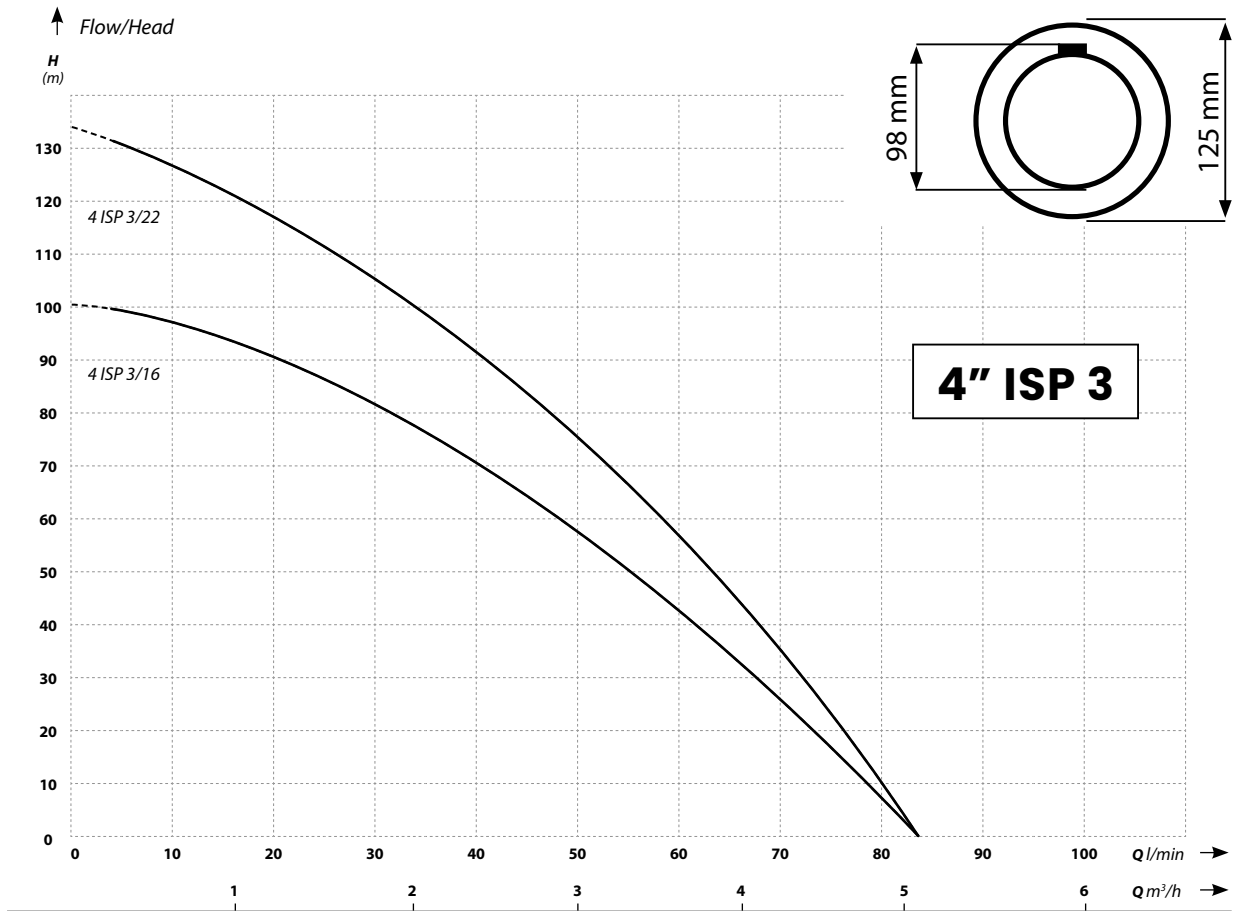
Materials:

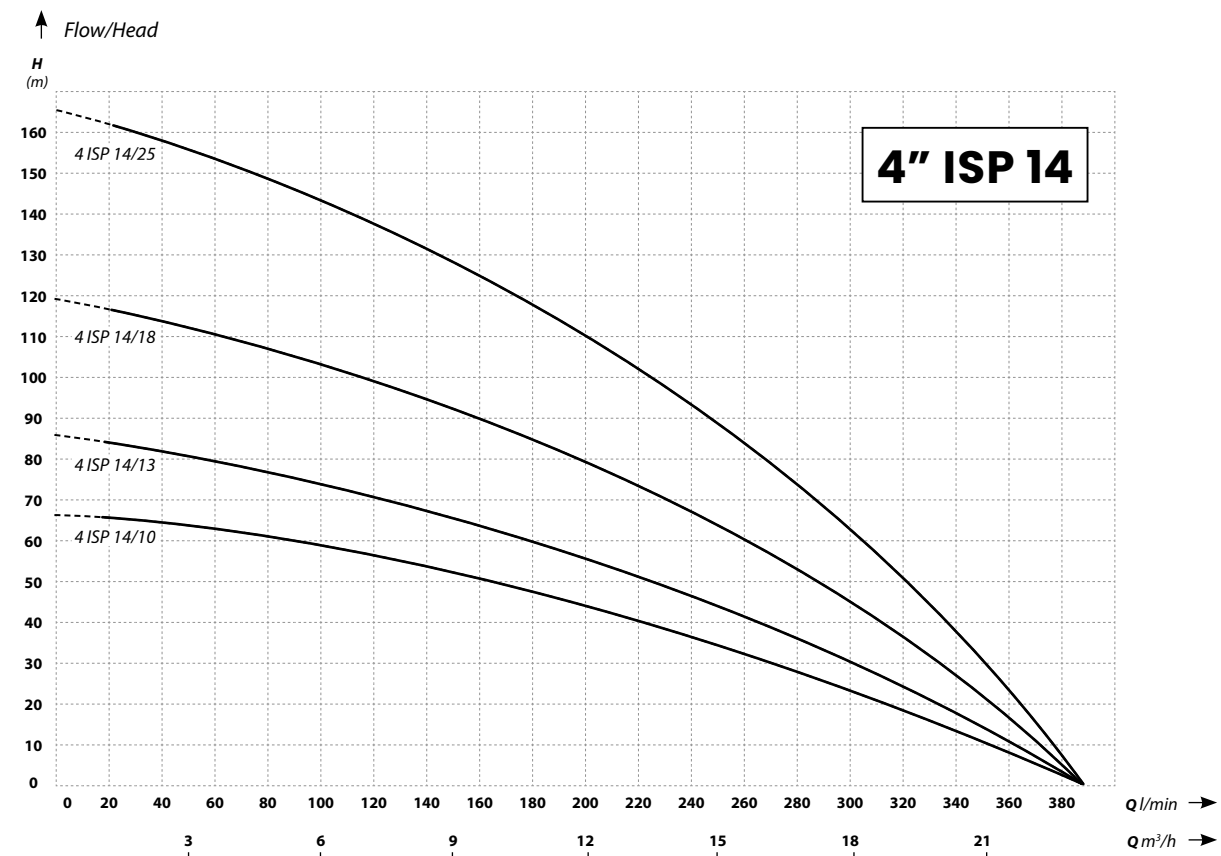
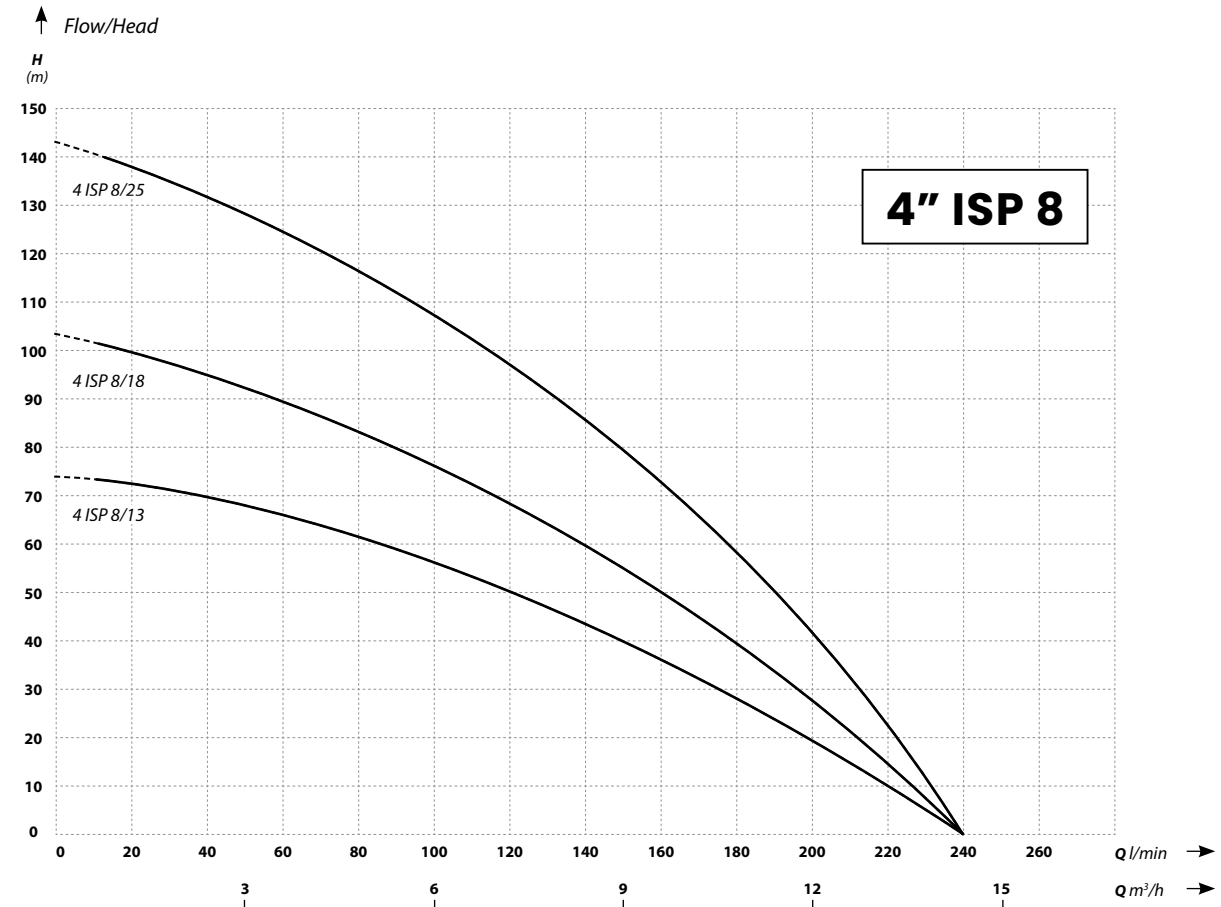
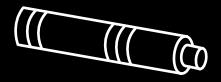
- Inlet/outlet: stainless steel AISI 304
- Housing: stainless steel AISI 304
- Shaft and rotor: stainless steel AISI 304
- Impeller: stainless steel AISI 304
- Venturi tube: stainless steel AISI 304
- Mechanical seal: Ceramics/Sic/NBR
- Motor: oil cooling

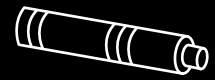


| Name | Head (m) | Flow (l/min) | Motor power (kW) | Voltage (V) | Amperage (A) | Inlet/outlet (inch) | Dimensions Dia/H (mm) | Weight (kg) |
|-------------|----------|--------------|------------------|-------------|--------------|---------------------|-----------------------|-------------|
| 4 ISP 3/16 | 100 | 83 | 1,1 | 230/400 | 8,5/4,0 | 1¼ | 98/950 | 16 |
| 4 ISP 3/22 | 134 | 83 | 1,5 | 230/400 | 10,5/5,0 | 1¼ | 98/1100 | 20 |
| 4 ISP 5/14 | 85 | 130 | 1,5 | 230/400 | 10,5/5,0 | 1½ | 98/950 | 19 |
| 4 ISP 5/20 | 120 | 130 | 2,2 | 230/400 | 15,5/6,3 | 1½ | 98/1140 | 22 |
| 4 ISP 5/28 | 169 | 130 | 3 | 400 | 7,2 | 1½ | 98/1340 | 25 |
| 4 ISP 8/13 | 74 | 240 | 2,2 | 230/400 | 15,5/6,3 | 2 | 98/1150 | 23 |
| 4 ISP 8/18 | 103 | 240 | 3 | 400 | 7,2 | 2 | 98/1400 | 26 |
| 4 ISP 8/25 | 143 | 240 | 4 | 400 | 9,2 | 2 | 98/1780 | 32 |
| 4 ISP 14/10 | 66 | 383 | 3 | 400 | 7,2 | 2 | 98/1150 | 22 |
| 4 ISP 14/13 | 86 | 383 | 4 | 400 | 9,2 | 2 | 98/1350 | 27 |
| 4 ISP 14/18 | 119 | 383 | 5,5 | 400 | 12,9 | 2 | 98/1670 | 33 |
| 4 ISP 14/25 | 165 | 383 | 7,5 | 400 | 18,5 | 2 | 98/2160 | 44 |

Depending on the production batch, the device parameters may differ from the data provided in the table.







6" ISP

Stainless steel

Stainless steel multi-stage deep well pumps with diameters of up to 145 mm, designed for pumping water with up to 0.3% sand content from a minimum 6"(150 mm) wells. Robust stainless steel design provides long-term and reliable operation.

The pumps are available with 4 and 6 inch IBO or IBO ITALY motors. Depending on customer requirements, connected IBO ITALY motors can be oil- or water-cooled.

Due to the proven design and very high parameters compared to the diameter of the pumps, they can be used in a very wide range of applications, from supplying water to large farms to industrial solutions.

Application:

Supply of water to large farms from deep water intakes, garden and orchard irrigation, shrubs and tree nurseries, land drainage/dewatering, water supply systems, industrial applications.

Operating conditions:

- Maximum liquid temperature 35°C
- Maximum ambient temperature 35°C
- Voltage: 230 V
- Class B Insulation
- Operating mode - continuous
- Protection - IP68
- Power cable length: 2 m
- Workplace: vertical
- Max. number of starts per hour: 20
- Max. immersion depth: 100 m
- Rotational speed of the electric motor: 2850 RPM

Materials:

- Inlet/outlet: stainless steel AISI 304
- Clutch, tie rods and cable protector: stainless steel AISI 304
- Housing: stainless steel AISI 304
- Shaft and rotor: stainless steel AISI 304
- Impeller: stainless steel AISI 304
- Venturi tube: stainless steel AISI 304
- Mechanical seal: Ceramics/Sic/NBR
- Motor: oil cooling

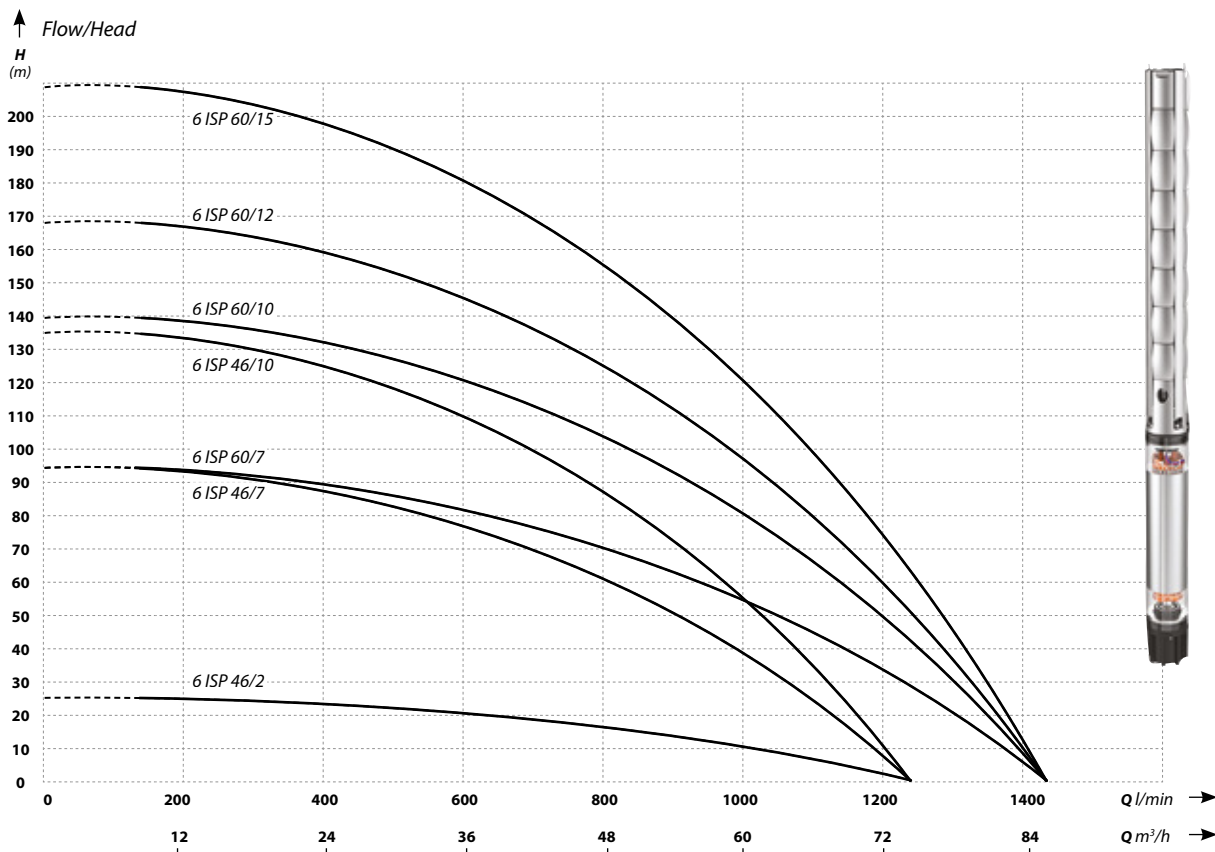
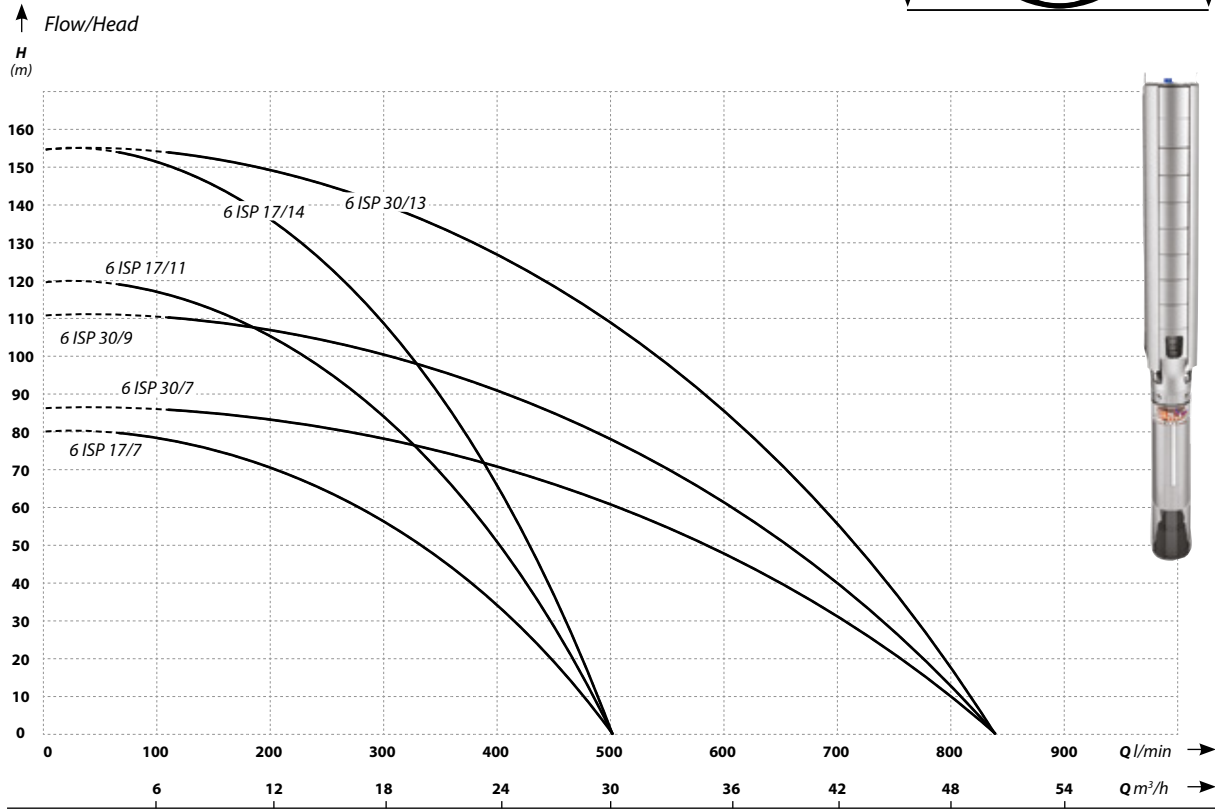
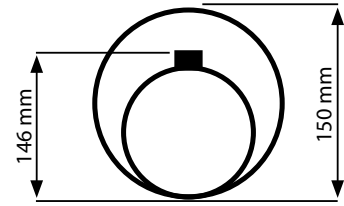


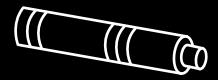
| Name | Head (m) | Flow (l/min) | Motor power (kW) | Motor diameter (cale) | Voltage (V) | Amperage (A) | Inlet/outlet (inch) | Dimensions Dia/H (mm) | Weight (kg) |
|-------------|----------|--------------|------------------|-----------------------|-------------|--------------|---------------------|-----------------------|-------------|
| 6 ISP 17/7 | 80 | 500 | 4 | 4 | 400 | 10,2 | 2½ | 145/1220 | 29 |
| 6 ISP 17/11 | 120 | 500 | 5,5 | 4 | 400 | 14 | 2½ | 145/1480 | 37 |
| 6 ISP 17/14 | 155 | 500 | 7,5 | 4 | 400 | 17,5 | 2½ | 145/1770 | 47 |
| 6 ISP 30/7 | 85 | 833 | 7,5 | 4/6 | 400 | 17,5 | 3 | 145/1500 | 56 |
| 6 ISP 30/9 | 110 | 833 | 9,2 | 6 | 400 | 21,5 | 3 | 145/1720 | 66 |
| 6 ISP 30/13 | 155 | 833 | 13 | 6 | 400 | 27,5 | 3 | 145/1920 | 70 |
| 6 ISP 46/2 | 25 | 1250 | 3 | 4 | 400 | 8,2 | 3 | 145/960 | 22 |
| 6 ISP 46/7 | 95 | 1250 | 11 | 6 | 400 | 24,5 | 3 | 145/1950 | 65 |
| 6 ISP 46/10 | 135 | 1250 | 15 | 6 | 400 | 31,5 | 3 | 145/2380 | 83 |
| 6 ISP 60/7 | 95 | 1420 | 15 | 6 | 400 | 31,5 | 3 | 145/2040 | 75 |
| 6 ISP 60/10 | 140 | 1420 | 18,5 | 6 | 400 | 37,9 | 3 | 145/2328 | 88 |
| 6 ISP 60/12 | 168 | 1420 | 22 | 6 | 400 | 47,1 | 3 | 145/2632 | 99 |
| 6 ISP 60/15 | 210 | 1420 | 26 | 6 | 400 | 58,3 | 3 | 145/3031 | 119 |

Depending on the production batch, the device parameters may differ from the data provided in the table.



6" ISP cd.





IBQ high speed Deep well pumps

6000 RPM

IBQ multi-stage centrifugal deep well pumps are designed for operation in drilled wells and open water reservoirs. Unlike other deep well pumps, the IBQ have advanced energy-saving motors with permanent magnets and a frequency converter. As a result, the motor achieves 6000 rpm and a very high performance.

Motor design with permanent magnets and an inverter has many advantages over traditional pumps. These include:

- Energy saving due to high performance of the motor and pump. By achieving the same hydraulic parameters of pressure and performance, the IBQ pumps can be used with motor that are approximately 15-20% smaller than motors used in traditional pumps.
- Dry-running protection. The inverter electronics control the motor current draw. When dry run specific draw is detected, the motor is stopped. After a certain period of time, the pump tries to automatically restart, and its operation will continue after inflow is restored.
- Soft start resulting in no negative effect of hydraulic shock on the hydraulic system, significantly reduced mechanical wear of the motor and pump, no impact of inrush current on the electricity network.
- In traditional solutions, in order to achieve constant motor operating parameters, rapid starting is required. During starting, the motor draws a multiple of normal operating current during the first few seconds of operation (inrush current). This may result in voltage fluctuations in the electricity network affecting operation of other devices connected to this network, blown fuses, and burning of electrical connections in control units. Usually, hydraulic parameters of the pump are during starting instantaneously higher than nominal, which means that in the first seconds of operation water with higher parameters (pressure, flow) than nominal, designed for a given network is pumped into the system. This is called hydraulic shock. Repeated hydraulic shock leads to excessive wear of hydraulic components of the water supply system. Another disadvantage eliminated by soft start is the wear and tear of motor's mechanical and electrical components. Hydraulic shocks increase the mechanical load on the motor and pump, and the high inrush current weakens the internal insulation of the motor.

- The motors can operate with relatively high voltage fluctuations 160-250V for single-phase motors, 320-450V for three-phase motors.
- Due to the smaller size of IBQ pumps compared to traditional pumps, drilling and installation costs are considerably lower.

3"IBQ pumps - equipped with a box with current protection;

4"IBQ pumps - the user should secure the pump on their own.

Application:

Supply of water to single-family houses and farms from deep well intakes. Irrigating gardens and orchards. Land drainage/dewatering. Water supply systems. Industrial applications..

Operating conditions:

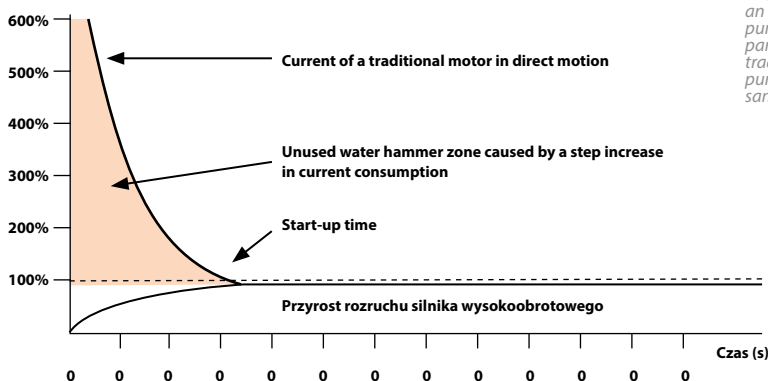
- Maximum liquid temperature 35°C
- Maximum ambient temperature 35°C
- Class F Insulation
- Operating mode - continuous
- Protection - IP68

Materials:

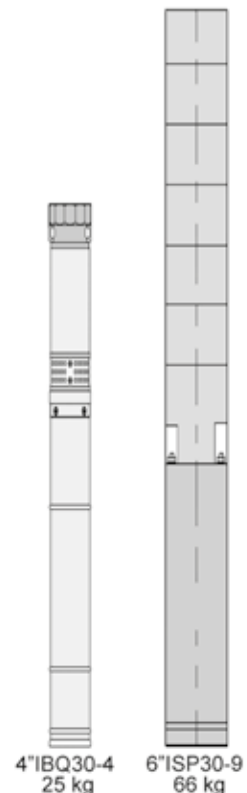
- Inlet/outlet: stainless steel AISI 304
- Housing: stainless steel AISI 304
- Shaft and rotor: stainless steel AISI 304
- Impeller: noryl
- Venturi tube: noryl
- Mechanical seal: Ceramics/Sic/NBR
- Motor: oil cooling / with inverter
- Rotational speed of the electric motor: 6000 RPM

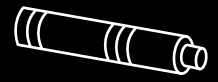


Electric current increase



The picture shows an example of two pumps with the same parameters - IBQ and traditional ISP. Both pumps are drawn to the same scale.





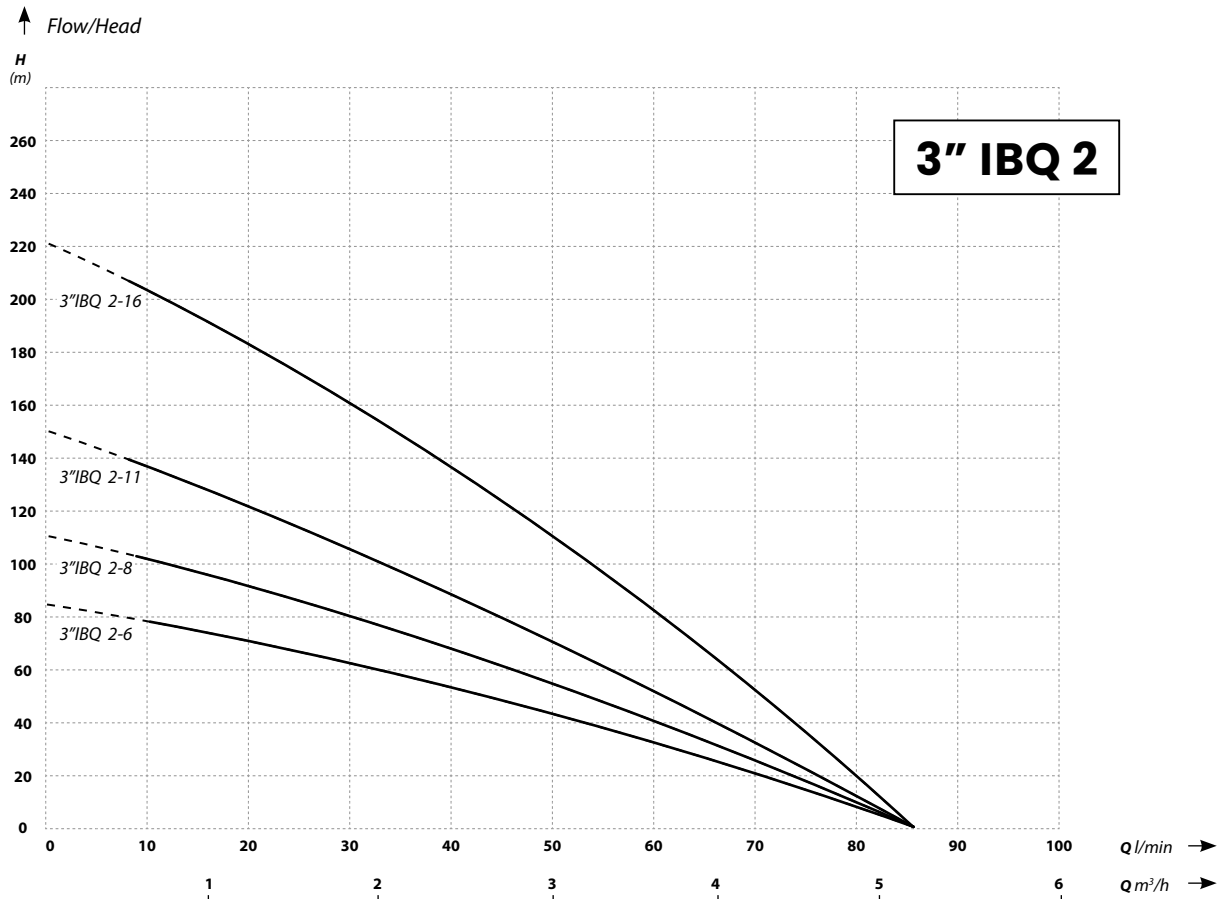
3" IBQ

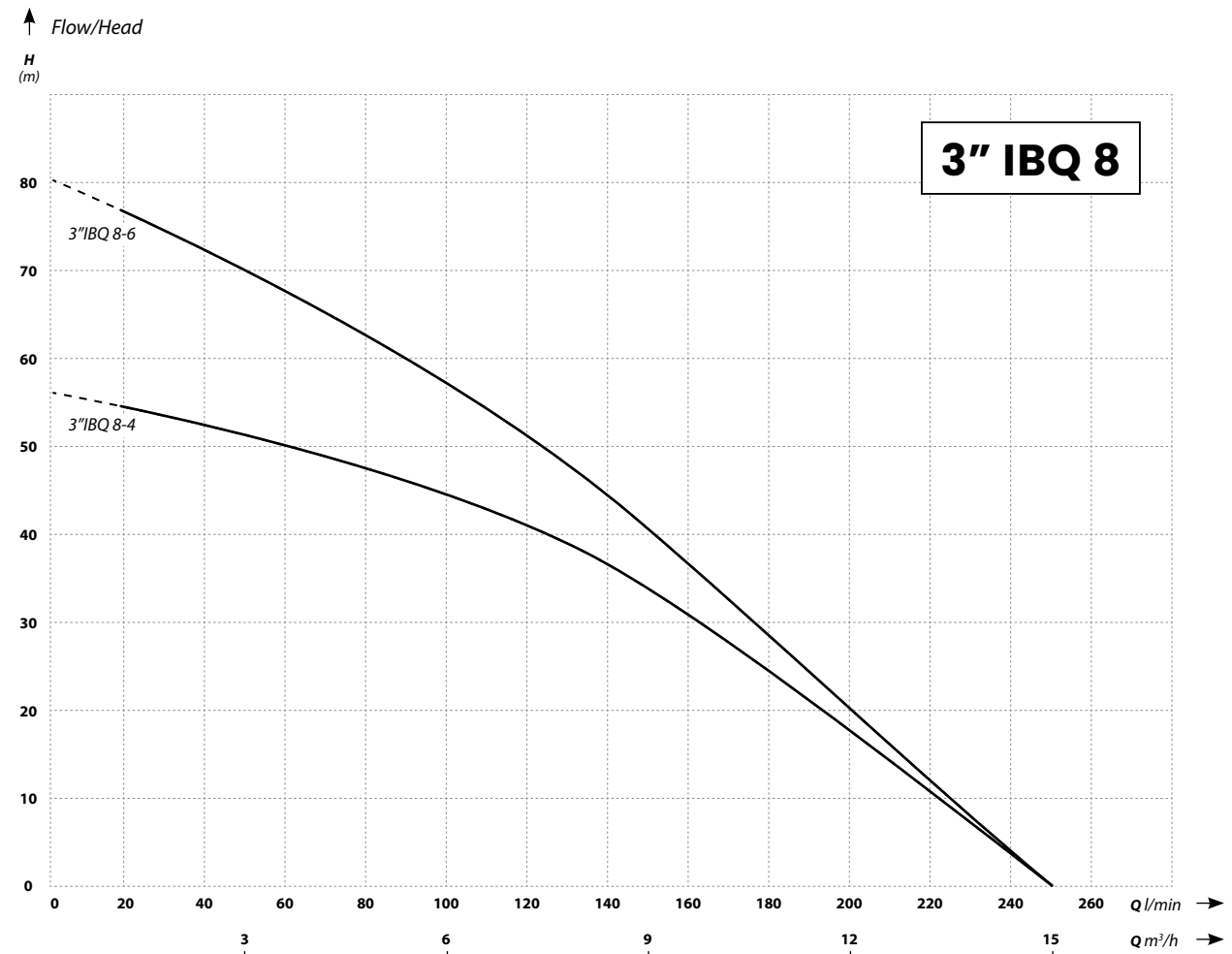
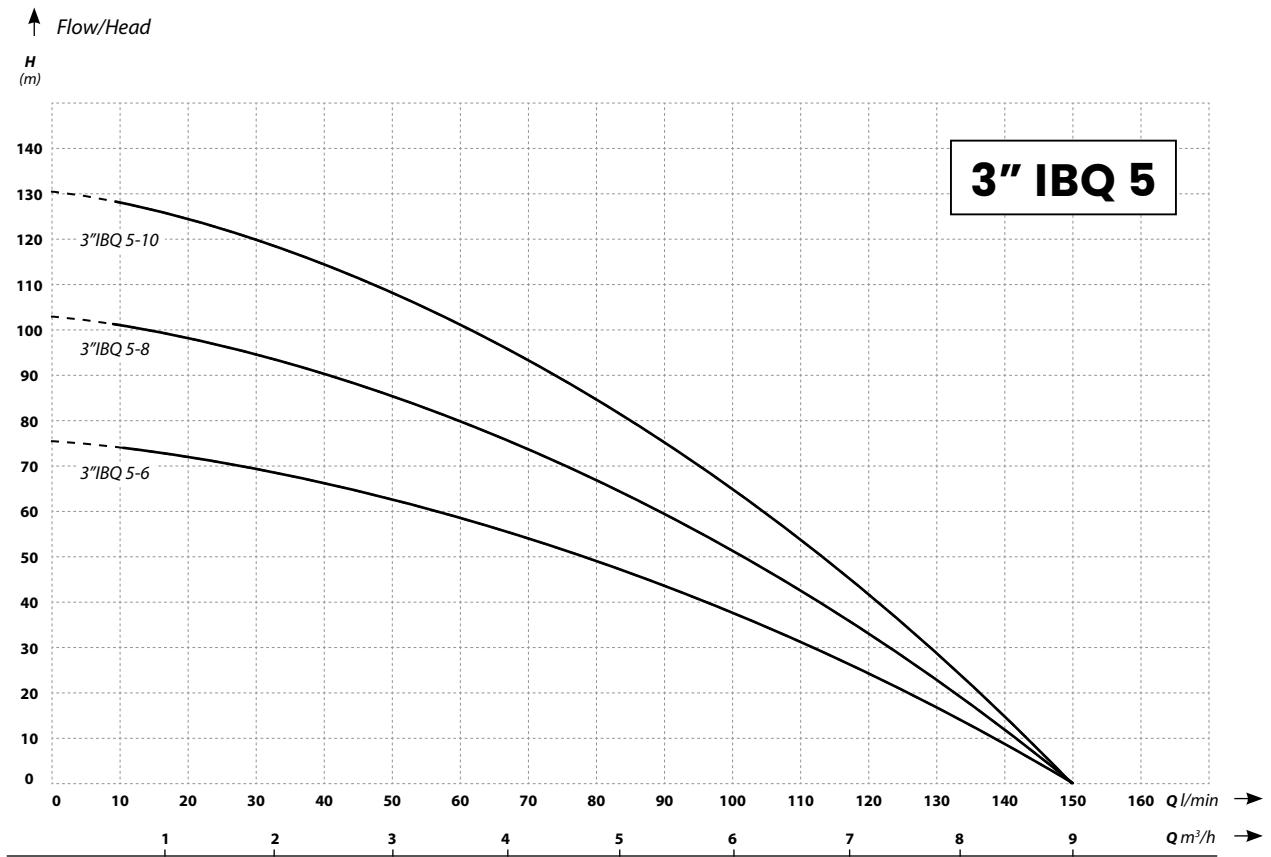
6000 RPM
Maximum pump diameter 78 mm

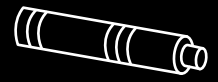
| Name | Head (m) | Flow (l/min) | Motor power (kW) | Voltage (V) one phase | Inlet/outlet (inch) | Pump height (cm) | Weight(kg) (without cable) |
|------------|----------|--------------|------------------|-----------------------|---------------------|------------------|----------------------------|
| 3"IBQ 2-6 | 85 | 85 | 0,8 | 160 - 250 | 1¼ | 109 | 9,3 |
| 3"IBQ 2-8 | 110 | 85 | 1,1 | 160-250 | 1¼ | 112 | 10,3 |
| 3"IBQ 2-11 | 150 | 85 | 1,5 | 160-250 | 1¼ | 117 | 12,5 |
| 3"IBQ 2-16 | 220 | 85 | 2,2 | 160-250 | 1¼ | 130 | 14,2 |

| Name | Head (m) | Flow (l/min) | Motor power (kW) | Voltage (V) one phase | Inlet/outlet (inch) | Pump height (cm) | Weight(kg) (without cable) |
|------------|----------|--------------|------------------|-----------------------|---------------------|------------------|----------------------------|
| 3"IBQ 5-6 | 75 | 150 | 1,1 | 160-250 | 1¼ | 108 | 10,3 |
| 3"IBQ 5-8 | 102 | 150 | 1,5 | 160-250 | 1¼ | 120 | 13,3 |
| 3"IBQ 5-10 | 130 | 150 | 2,2 | 160-250 | 1¼ | 131 | 13,8 |

| Name | Head (m) | Flow (l/min) | Motor power (kW) | Voltage (V) one phase | Inlet/outlet (inch) | Pump height (cm) | Weight(kg) (without cable) |
|-----------|----------|--------------|------------------|-----------------------|---------------------|------------------|----------------------------|
| 3"IBQ 8-4 | 56 | 250 | 1,5 | 160-250 | 1½ | 101 | 12,1 |
| 3"IBQ 8-6 | 80 | 250 | 2,2 | 160-250 | 1½ | 113 | 13,6 |







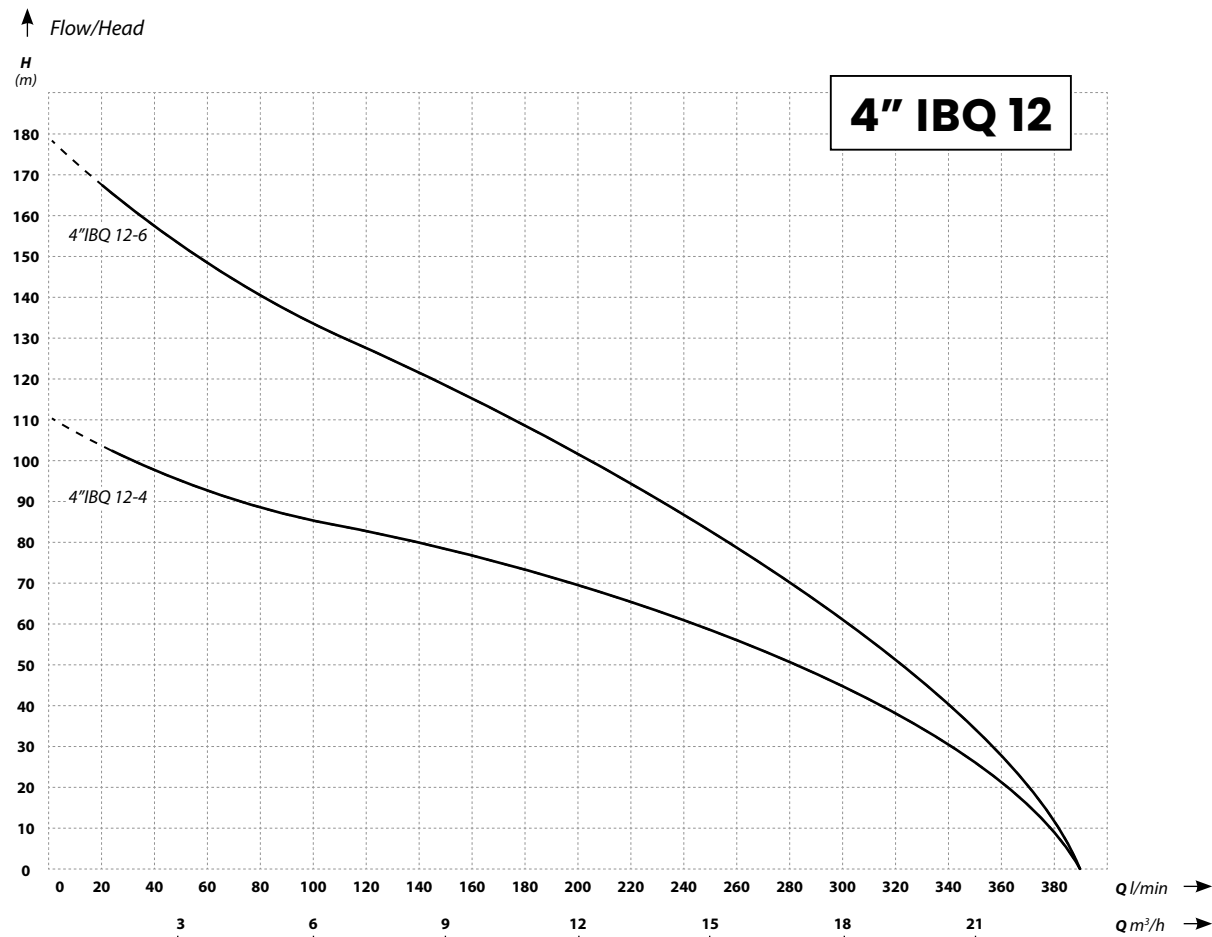
4" IBQ

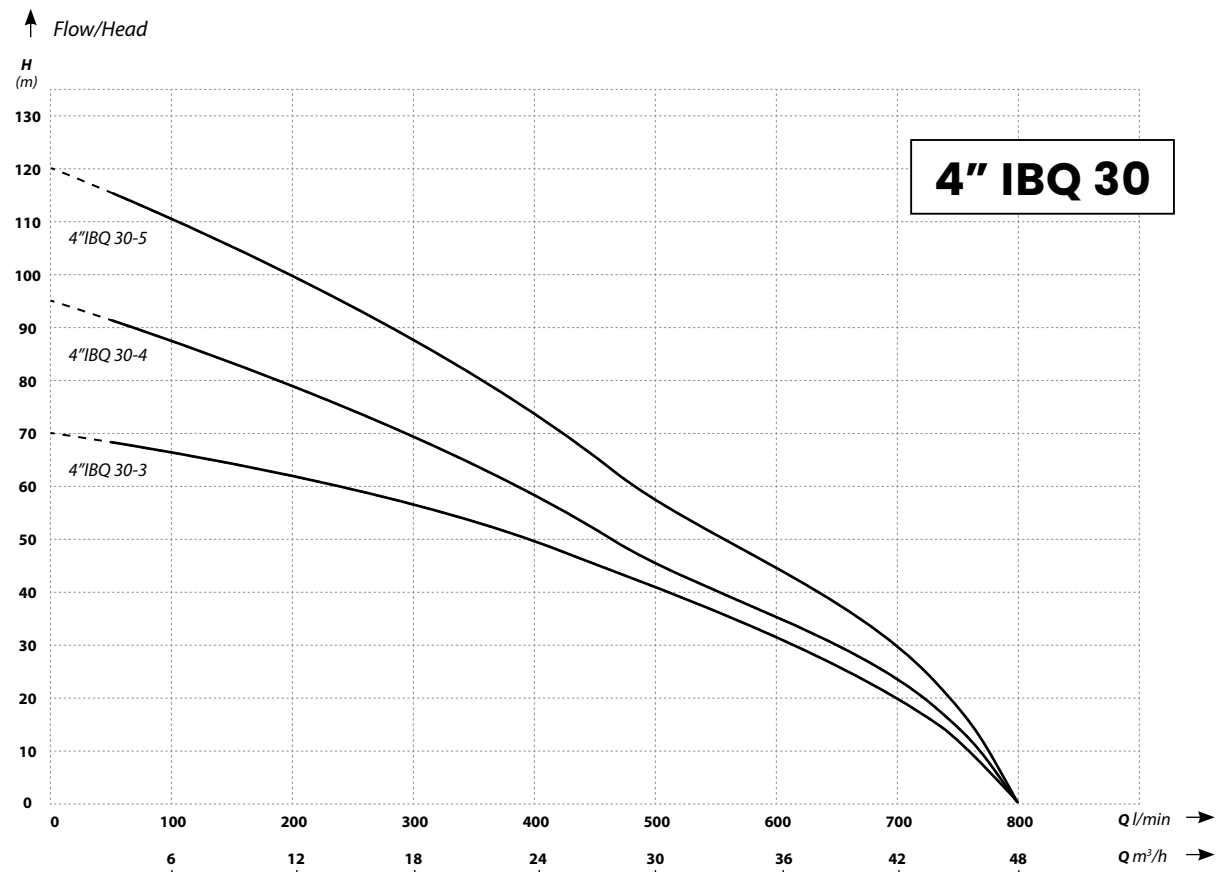
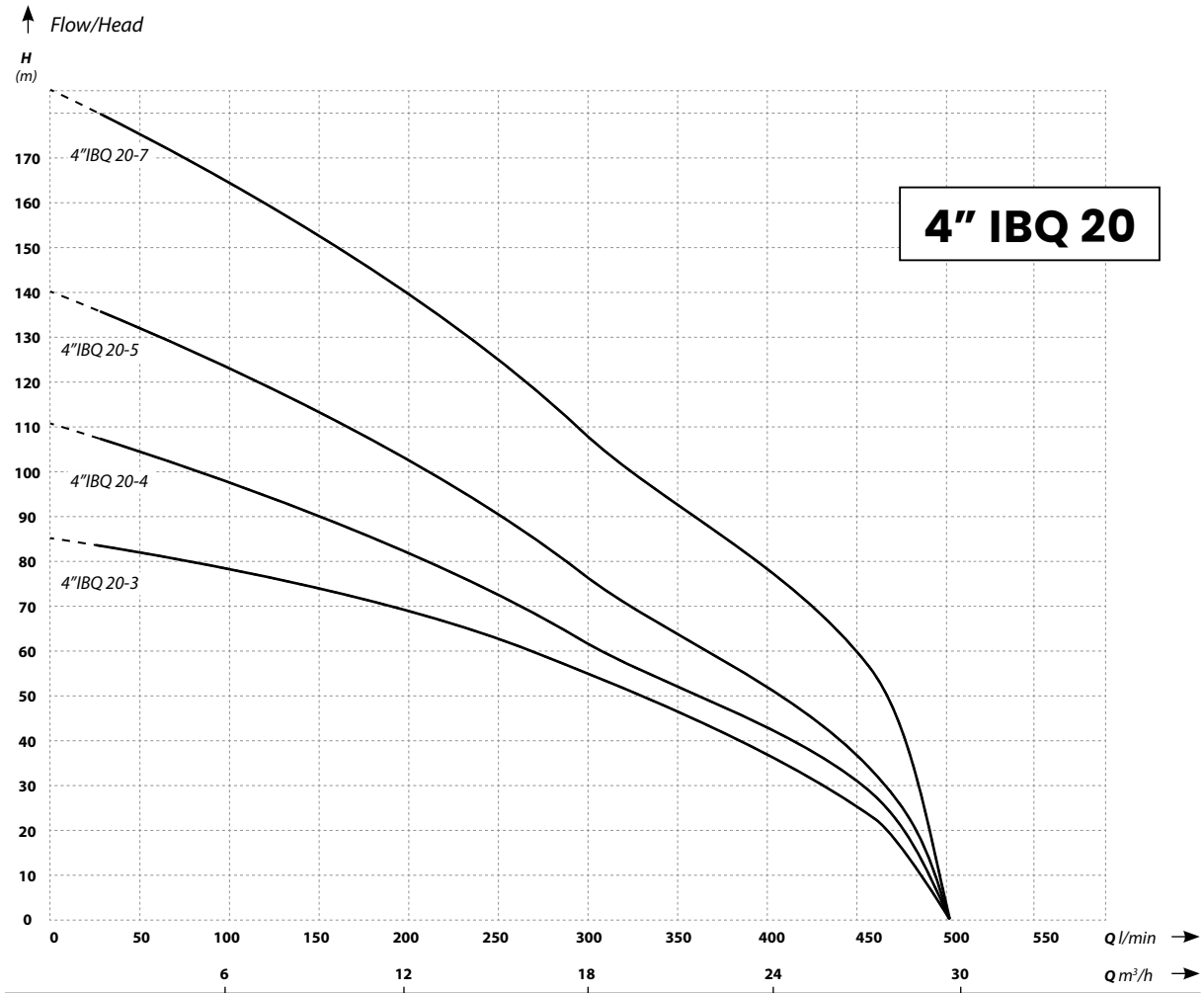
Maximum pump diameter 98 mm

| Name | Head (m) | Flow (l/min) | Motor power (kW) | Voltage (V) three phases | Inlet/outlet (inch) | Pump height (cm) | Weight(kg) (without cable) |
|------------|----------|--------------|------------------|--------------------------|---------------------|------------------|----------------------------|
| 4"IBQ 12-4 | 110 | 390 | 4 | 320-450 | 2 | 104 | 20,2 |
| 4"IBQ 12-6 | 178 | 390 | 5,5 | 320-450 | 2 | 114 | 22,2 |

| Name | Head (m) | Flow (l/min) | Motor power (kW) | Voltage (V) three phases | Inlet/outlet (inch) | Pump height (cm) | Weight(kg) (without cable) |
|------------|----------|--------------|------------------|--------------------------|---------------------|------------------|----------------------------|
| 4"IBQ 20-3 | 85 | 500 | 4 | 320-450 | 2 | 104 | 20,2 |
| 4"IBQ 20-4 | 110 | 500 | 5,5 | 320-450 | 2 | 114 | 20,7 |
| 4"IBQ 20-5 | 140 | 500 | 7,5 | 320-450 | 2 | 124 | 25,1 |
| 4"IBQ 20-7 | 185 | 500 | 11 | 320-450 | 2 | 144 | 29 |

| Name | Head (m) | Flow (l/min) | Motor power (kW) | Voltage (V) three phases | Inlet/outlet (inch) | Pump height (cm) | Weight(kg) (without cable) |
|------------|----------|--------------|------------------|--------------------------|---------------------|------------------|----------------------------|
| 4"IBQ 30-3 | 70 | 800 | 5,5 | 320-450 | 3 | 115 | 22,5 |
| 4"IBQ 30-4 | 95 | 800 | 7,5 | 320-450 | 3 | 126 | 25,3 |
| 4"IBQ 30-5 | 120 | 800 | 11 | 320-450 | 3 | 140 | 28,7 |







3
YEARS
WARRANTY

IBO ITALY FP4

Stainless steel
With DRY RUN PRO technology

Due to the DRY RUN PRO technology, the FP4 pumps have increased resistance to seizure in case of dry running operation. The design and materials used make the pump suitable for pumping water for food processing purposes. The pump has been properly certified. Pumps in A, B, D, E sizes are equipped with radial impellers and 1¼" outlets while pumps in F, H, L sizes have semi-axial impellers and 2" outlets.

All pumps are supplied with built-in check valves. The maximum outer diameter of the pump including cable protector is 98 mm. The pump is suitable for vertical and horizontal operation.

The FP4 pumps can be used in households and on farms, in water supply systems, irrigation systems, fire extinguishing systems and industrial applications.

The FP4 deep well pumps has been manufactured in the innovative DRY RUN PRO technology by the leading Italian manufacturer of deep well pumps. They are very robust, compact and reliable. The inlet and outlet body sections are made of AISI 304 stainless steel made by lost-wax technique, which guarantees high chemical resistance in contact with water, as well as product reliability. The pumps design is based on floating rotors moving independently in the Venturi tube chambers.

Due to the innovative design, it is protected by a European patent. This solution guarantees that pumps have unique properties, such as reliable operation in dry running conditions.

Operating conditions:

- Maximum liquid temperature 35°C
- Maximum ambient temperature 35°C
- Voltage: 230 V or 400 V
- Class F Insulation
- Operating mode - continuous
- Protection - IP68
- Power cable length: 1,5 m
- Workplace: vertical/horizontal
- Maks. liczba uruchomień na 1 h: 30
- Rotational speed of the electric motor: 2850 RPM

Materials:

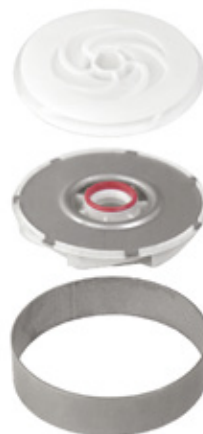
- Inlet/outlet: stainless steel AISI 304
- Non-return valve: stainless steel AISI 304
- Housing: stainless steel AISI 304
- Shaft and rotor: stainless steel AISI 304
- Venturi tube cover: stainless steel AISI 304
- Venturi tube: PA
- Impeller: PA
- Sliding sleeve: Al203
- Clutch: stainless steel AISI 316L
- Mechanical seal: Ceramics/Sic/NBR
- Motor: oil cooling



Watch the pump operation and design on:
<http://bit.ly/>



Increased resistance to sand
Floating impellers

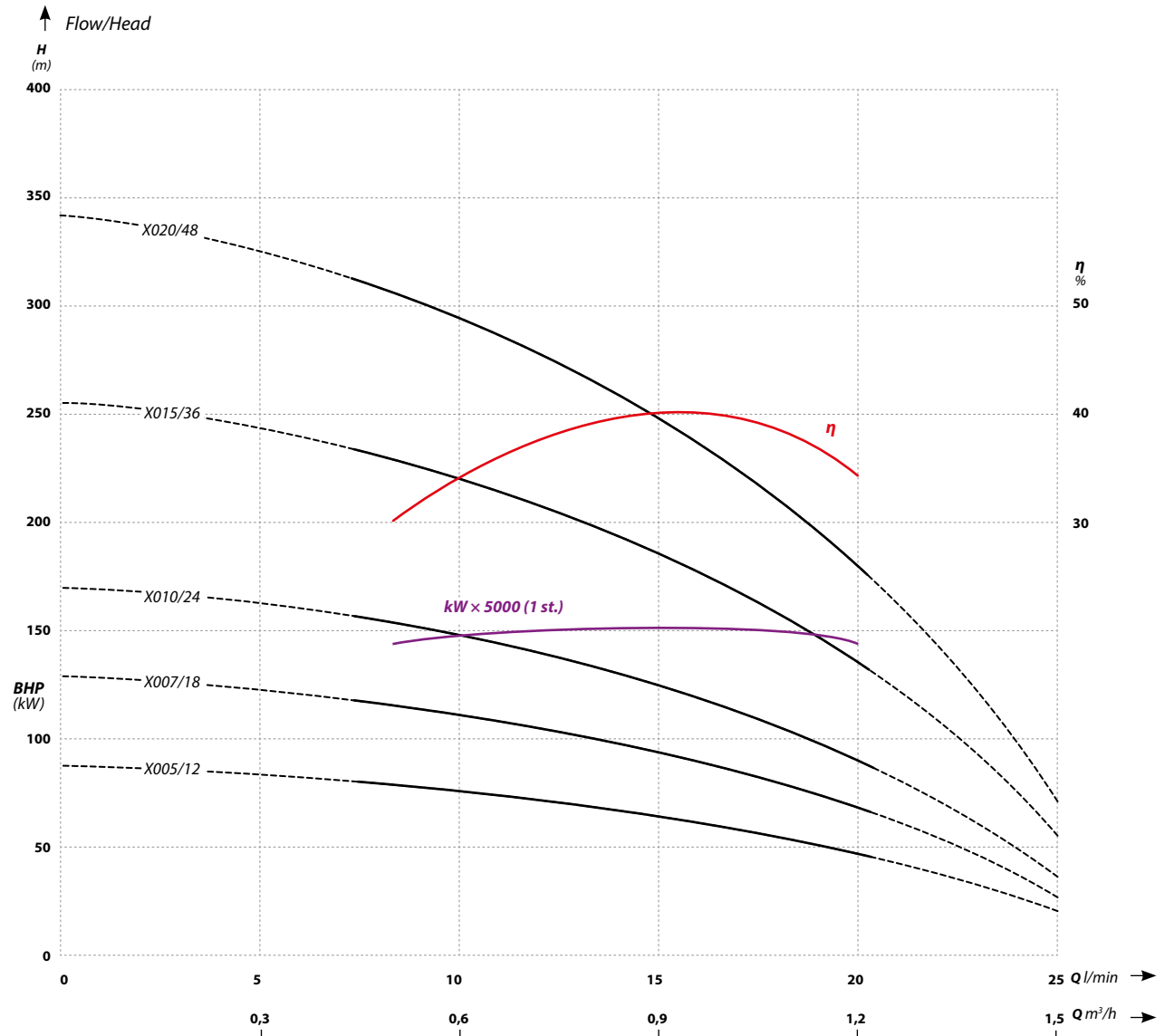


| Name | Head (m) | Efficiency (m³/h) | Motor power (kW) | Sand content g/m³ | Max. number of cycles on-off /h | Work possibility in a horizontal position |
|---------------|----------|-------------------|------------------|-------------------|---------------------------------|---|
| IBO ITALY FP4 | 340 | 30 | 7,5 | 185 | 30 | ✓ |



IBO ITALY FP4 X

Stainless steel
With DRY RUN PRO technology



| Name | Head (m) | Flow (l/min) | Motor power (kW) | Voltage (V) | Inlet/outlet (inch) | Amperage (A) 230V/400V | Dimensions Dia/H (mm) | Weight (kg) 230V/400V |
|-------|----------|--------------|------------------|-------------|---------------------|------------------------|-----------------------|-----------------------|
| X 005 | 87 | 25 | 0,37 | 230/400 | 1¼ | 3,5 1,35 | 98/732 | 11,6 10,9 |
| X 007 | 128 | 25 | 0,55 | 230/400 | 1¼ | 4,7 1,85 | 98/924 | 14,1 12,9 |
| X 010 | 170 | 25 | 0,75 | 230/400 | 1¼ | 5,9 2,20 | 98/1002 | 16,4 14,9 |
| X 015 | 255 | 25 | 1,1 | 230/400 | 1¼ | 8,6 3,00 | 98/1217 | 19,7 18,9 |
| X 020 | 340 | 25 | 1,5 | 230/400 | 1¼ | 10,7 4,10 | 98/1470 | 23,7 21,7 |

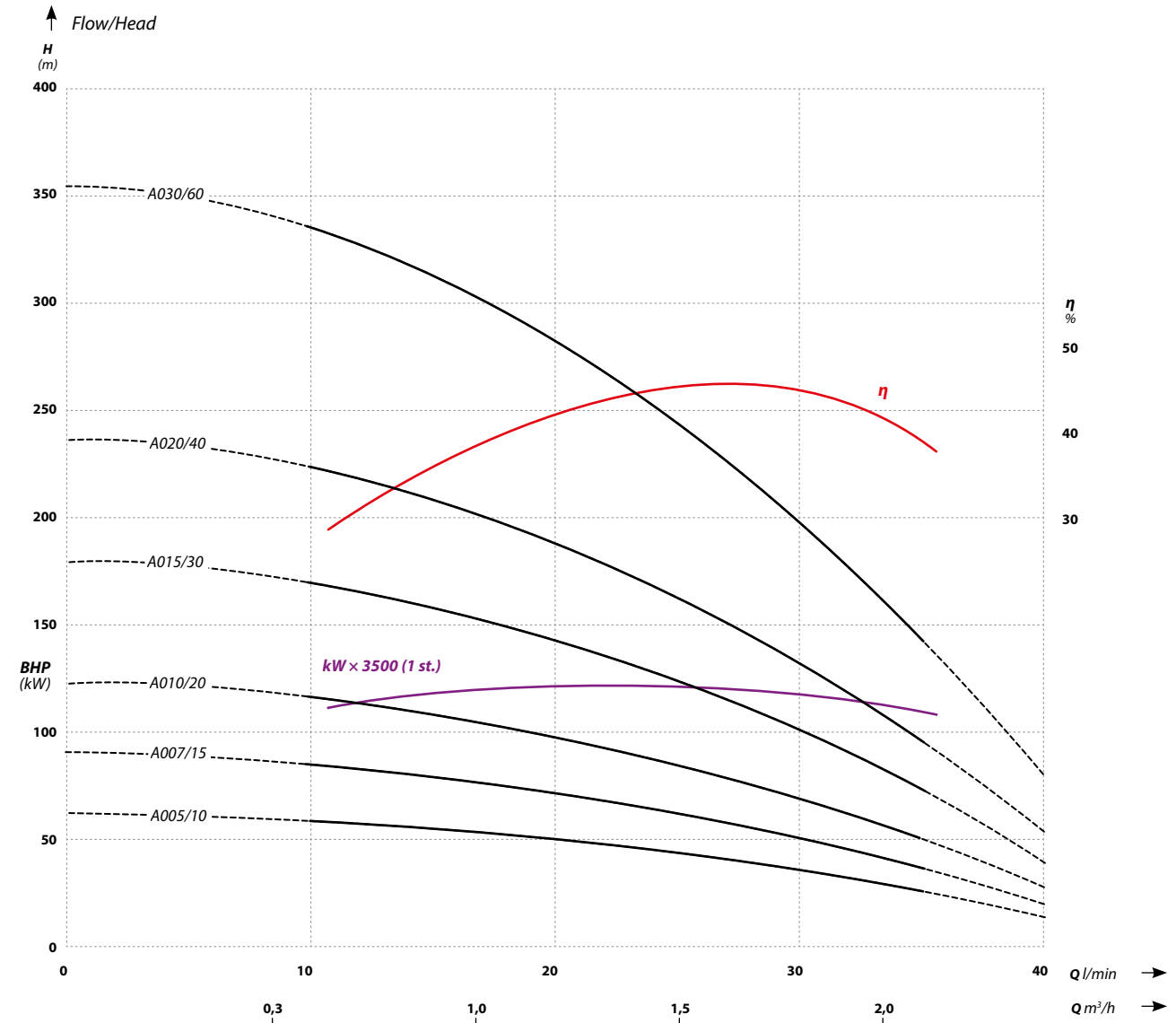


IBO ITALY FP4 A

Stainless steel
With DRY RUN PRO
technology



Increased
resistance to sand.
Floating impellers



| Name | Head (m) | Flow (l/min) | Motor power (kW) | Voltage (V) | Inlet/outlet (inch) | Amperage (A) 230V/400V | | Dimensions Dia/H (mm) | Weight (kg) 230V/400V | |
|-------|----------|--------------|------------------|-------------|---------------------|---------------------------|------|--------------------------|--------------------------|------|
| A 005 | 63 | 40 | 0,37 | 230/400 | 1¼ | 3,5 | 1,36 | 98/710 | 11,5 | 10,8 |
| A 007 | 91 | 40 | 0,55 | 230/400 | 1¼ | 4,7 | 1,85 | 98/835 | 13,6 | 12,4 |
| A 010 | 128 | 40 | 0,75 | 230/400 | 1¼ | 5,9 | 2,20 | 98/977 | 15,9 | 14,4 |
| A 015 | 185 | 40 | 1,1 | 230/400 | 1¼ | 8,6 | 3,00 | 98/1231 | 19,3 | 18,5 |
| A 020 | 240 | 40 | 1,5 | 230/400 | 1¼ | 10,7 | 4,10 | 98/1464 | 22,7 | 20,7 |
| A 030 | 348 | 40 | 2,2 | 230/400 | 1¼ | 14,8 | 5,6 | 98/2013 | 31,8 | 26,9 |

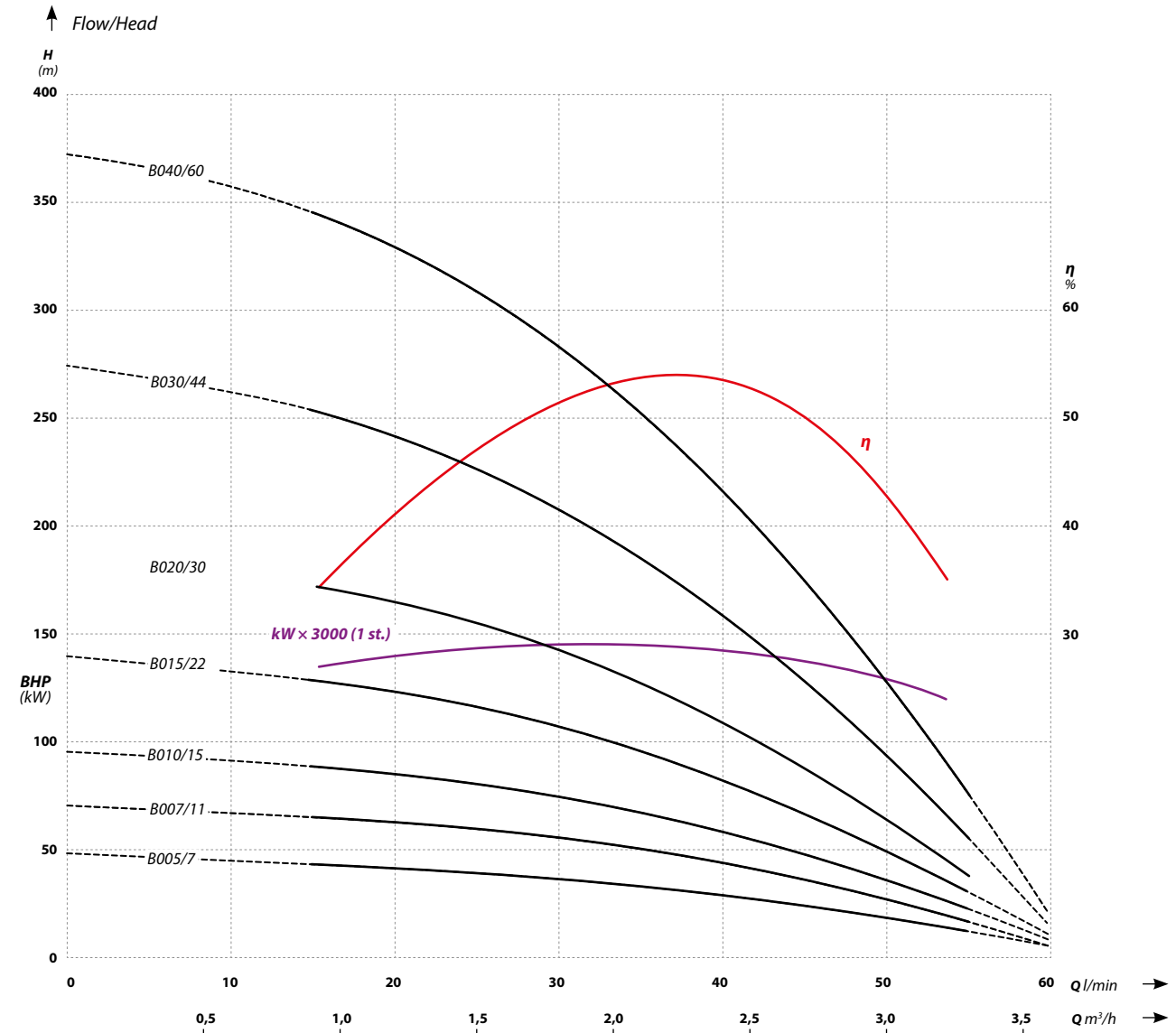


IBO ITALY FP4 B

Stainless steel
With DRY RUN PRO
technology



Increased
resistance to sand.
Floating impellers



| Name | Head (m) | Flow (l/min) | Motor power (kW) | Voltage (V) | Inlet/outlet (inch) | Amperage (A) 230V/400V | | Dimensions Dia/H (mm) | Weight (kg) 230V/400V | |
|-------|----------|--------------|------------------|-------------|---------------------|---------------------------|------|--------------------------|--------------------------|------|
| B 005 | 43 | 60 | 0,37 | 230/400 | 1¼ | 3,5 | 1,5 | 98/631 | 10,8 | 10,1 |
| B 007 | 70 | 60 | 0,55 | 230/400 | 1¼ | 4,7 | 1,85 | 98/735 | 12,7 | 11,5 |
| B 010 | 95 | 60 | 0,75 | 230/400 | 1¼ | 5,9 | 2,20 | 98/838 | 14,7 | 13,2 |
| B 015 | 139 | 60 | 1,1 | 230/400 | 1¼ | 8,6 | 3,00 | 98/1000 | 17,2 | 16,4 |
| B 020 | 182 | 60 | 1,5 | 230/400 | 1¼ | 10,7 | 4,10 | 98/1192 | 20,2 | 18,2 |
| B 030 | 260 | 60 | 2,2 | 230/400 | 1¼ | 14,8 | 5,60 | 98/1602 | 28,1 | 23,2 |
| B 040 | 342 | 60 | 3 | 400 | 1¼ | - | 7,50 | 98/1910 | - | 7,5 |

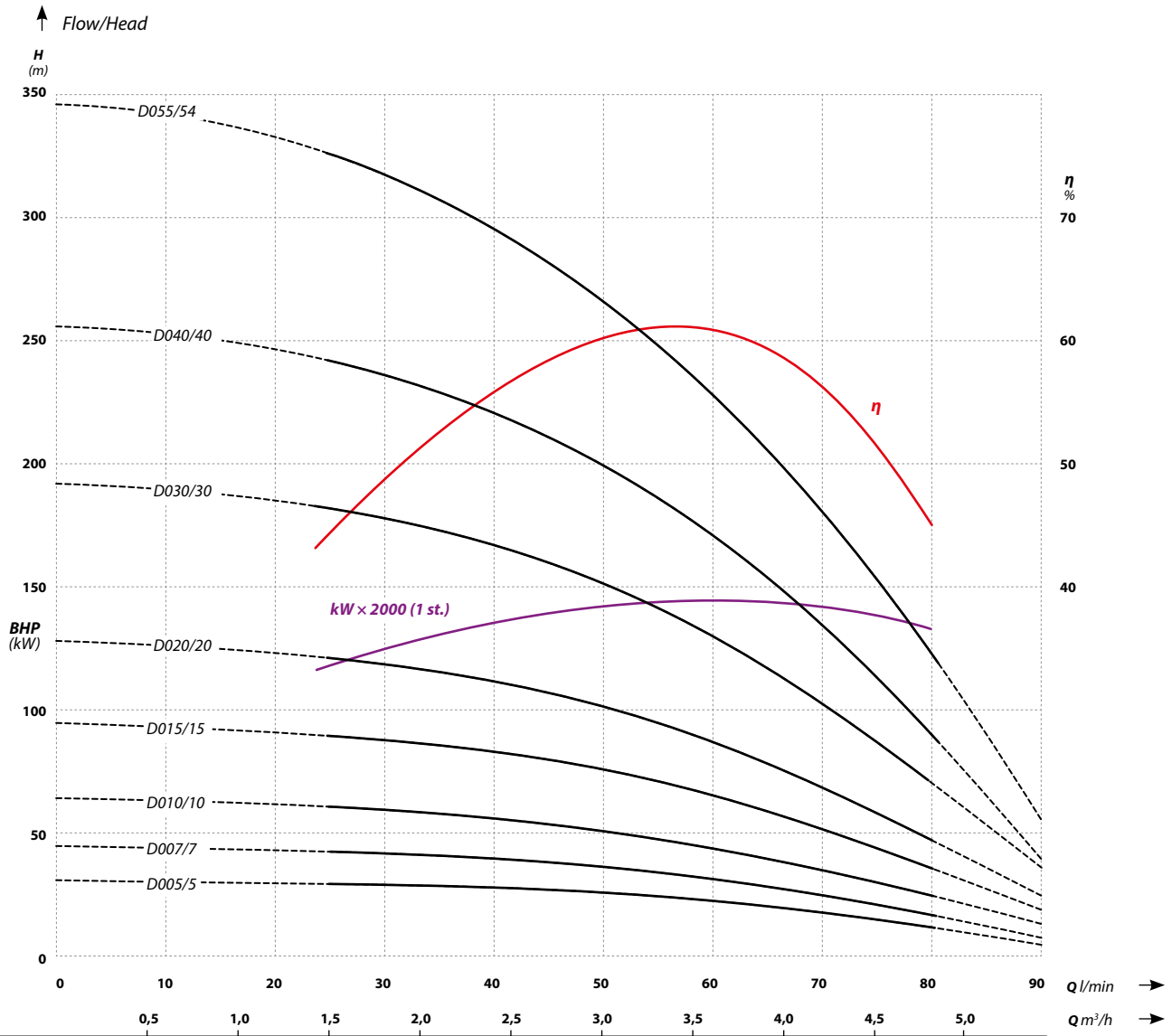


IBO ITALY FP4 D

Stainless steel
With DRY RUN PRO
technology



Increased
resistance to sand.
Floating impellers



| Name | Head (m) | Flow (l/min) | Motor power (kW) | Voltage (V) | Inlet/outlet (inch) | Amperage (A) 230V/400V | Dimensions Dia/H (mm) | Weight (kg) 230V/400V |
|-------|----------|--------------|------------------|-------------|---------------------|------------------------|-----------------------|-----------------------|
| D 005 | 33 | 90 | 0,37 | 230/400 | 1¼ | 3,5 1,35 | 98/591 | 10,4 9,7 |
| D 007 | 46 | 90 | 0,55 | 230/400 | 1¼ | 4,7 1,85 | 98/656 | 11,9 10,7 |
| D 010 | 68 | 90 | 0,75 | 230/400 | 1¼ | 5,9 2,20 | 98/738 | 13,6 12,1 |
| D 015 | 100 | 90 | 1,1 | 230/400 | 1¼ | 8,6 3,00 | 98/861 | 15,7 14,9 |
| D 020 | 133 | 90 | 1,5 | 230/400 | 1¼ | 10,7 4,10 | 98/993 | 18,1 16,1 |
| D 030 | 194 | 90 | 2,2 | 230/400 | 1¼ | 14,8 5,60 | 98/1290 | 24,7 19,8 |
| D 040 | 261 | 90 | 3 | 400 | 1¼ | - 7,50 | 98/1479 | - 24,8 |
| D 055 | 338 | 90 | 4 | 400 | 1¼ | - 9,80 | 98/1824 | - 30,9 |

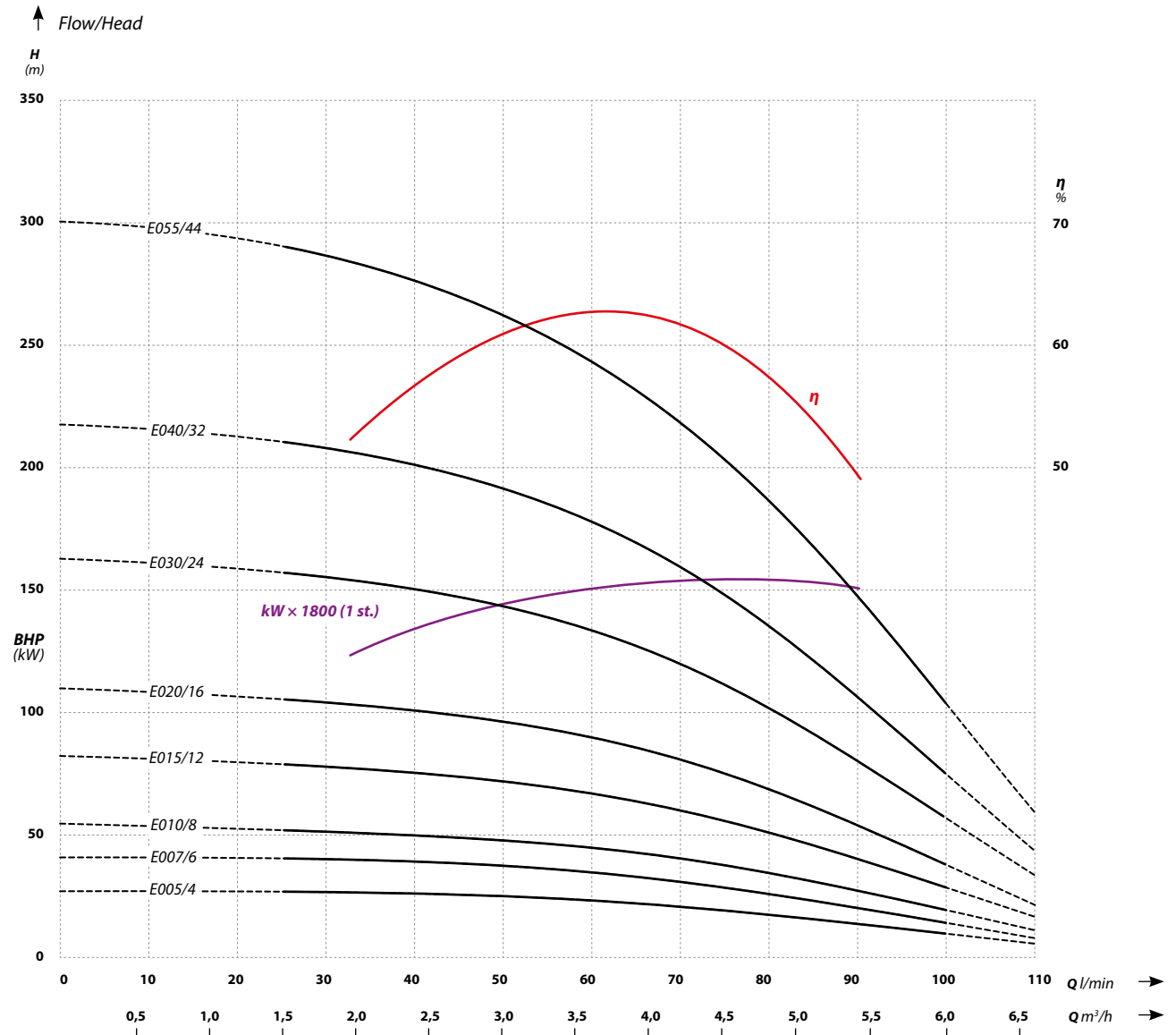


IBO ITALY FP4 E

Stainless steel
With DRY RUN PRO
technology



Increased
resistance to sand.
Floating impellers



| Name | Head (m) | Flow (l/min) | Motor power (kW) | Voltage (V) | Inlet/outlet (inch) | Amperage (A) 230V/400V | Dimensions Dia/H (mm) | Weight (kg) 230V/400V |
|-------|----------|--------------|------------------|-------------|---------------------|------------------------|-----------------------|-----------------------|
| E 005 | 29 | 110 | 0,37 | 230/400 | 1¼ | 3,5 1,35 | 98/579 | 10,3 9,6 |
| E 007 | 44 | 110 | 0,55 | 230/400 | 1¼ | 4,7 1,85 | 98/648 | 11,8 10,6 |
| E 010 | 58 | 110 | 0,75 | 230/400 | 1¼ | 5,9 2,20 | 98/714 | 13,3 11,8 |
| E 015 | 85 | 110 | 1,1 | 230/400 | 1¼ | 8,6 3,00 | 98/824 | 15,2 14,4 |
| E 020 | 114 | 110 | 1,5 | 230/400 | 1¼ | 10,7 4,10 | 98/945 | 17,5 15,5 |
| E 030 | 170 | 110 | 2,2 | 230/400 | 1¼ | 14,8 5,60 | 98/1219 | 23,8 18,9 |
| E 040 | 225 | 110 | 3 | 400 | 1¼ | - 7,50 | 98/1383 | - 23,5 |
| E 055 | 303 | 110 | 4 | 400 | 1¼ | - 9,80 | 98/1712 | - 29,3 |

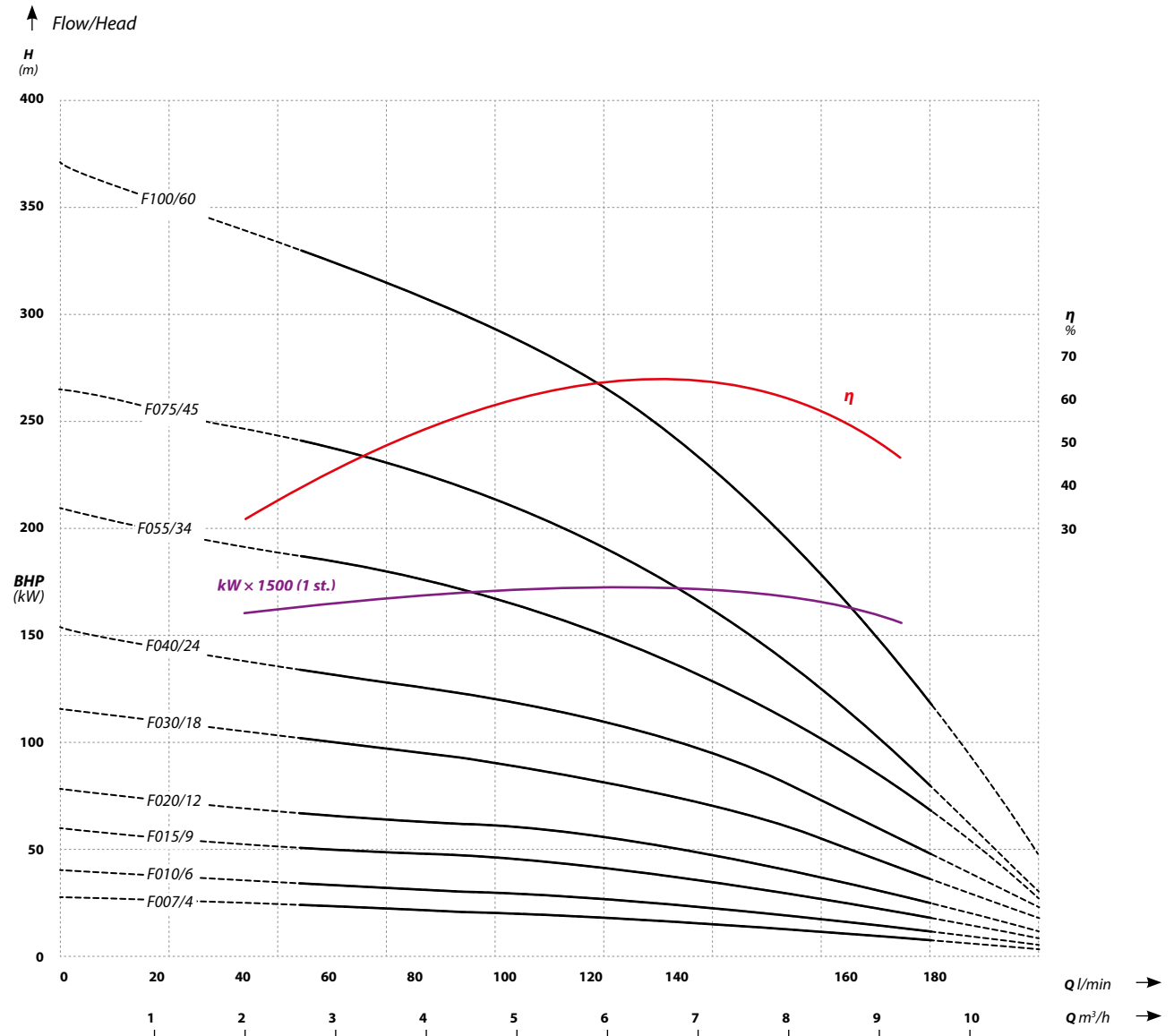


IBO ITALY FP4 F

Stainless steel
With DRY RUN PRO
technology



Increased
resistance to sand.
Floating impellers



| Name | Head (m) | Flow (l/min) | Motor power (kW) | Voltage (V) | Inlet/outlet (inch) | Amperage (A) 230V/400V | | Dimensions Dia/H (mm) | Weight (kg) 230V/400V | |
|-------|----------|--------------|------------------|-------------|---------------------|---------------------------|------|--------------------------|--------------------------|------|
| F 007 | 27 | 180 | 0,55 | 230/400 | 2 | 4,7 | 1,85 | 98/664 | 11,9 | 10,7 |
| F 010 | 40 | 180 | 0,75 | 230/400 | 2 | 5,9 | 2,20 | 98/760 | 13,6 | 12,1 |
| F 015 | 60 | 180 | 1,1 | 230/400 | 2 | 8,6 | 3,00 | 98/894 | 15,7 | 14,9 |
| F 020 | 77 | 180 | 1,5 | 230/400 | 2 | 10,7 | 4,10 | 98/1037 | 18,1 | 16,1 |
| F 030 | 116 | 180 | 2,2 | 230/400 | 2 | 14,8 | 5,60 | 98/1356 | 24,7 | 19,8 |
| F 040 | 154 | 180 | 3 | 400 | 2 | - | 7,50 | 98/1567 | - | 24,8 |
| F 055 | 210 | 180 | 4 | 400 | 2 | - | 9,80 | 98/2000 | - | 31,4 |
| F 075 | 266 | 180 | 5,5 | 400 | 2 | - | 12,7 | 98/2537 | - | 41,5 |
| F 100 | 370 | 180 | 7,5 | 400 | 2 | - | 16,9 | 98/3176 | - | 50,5 |

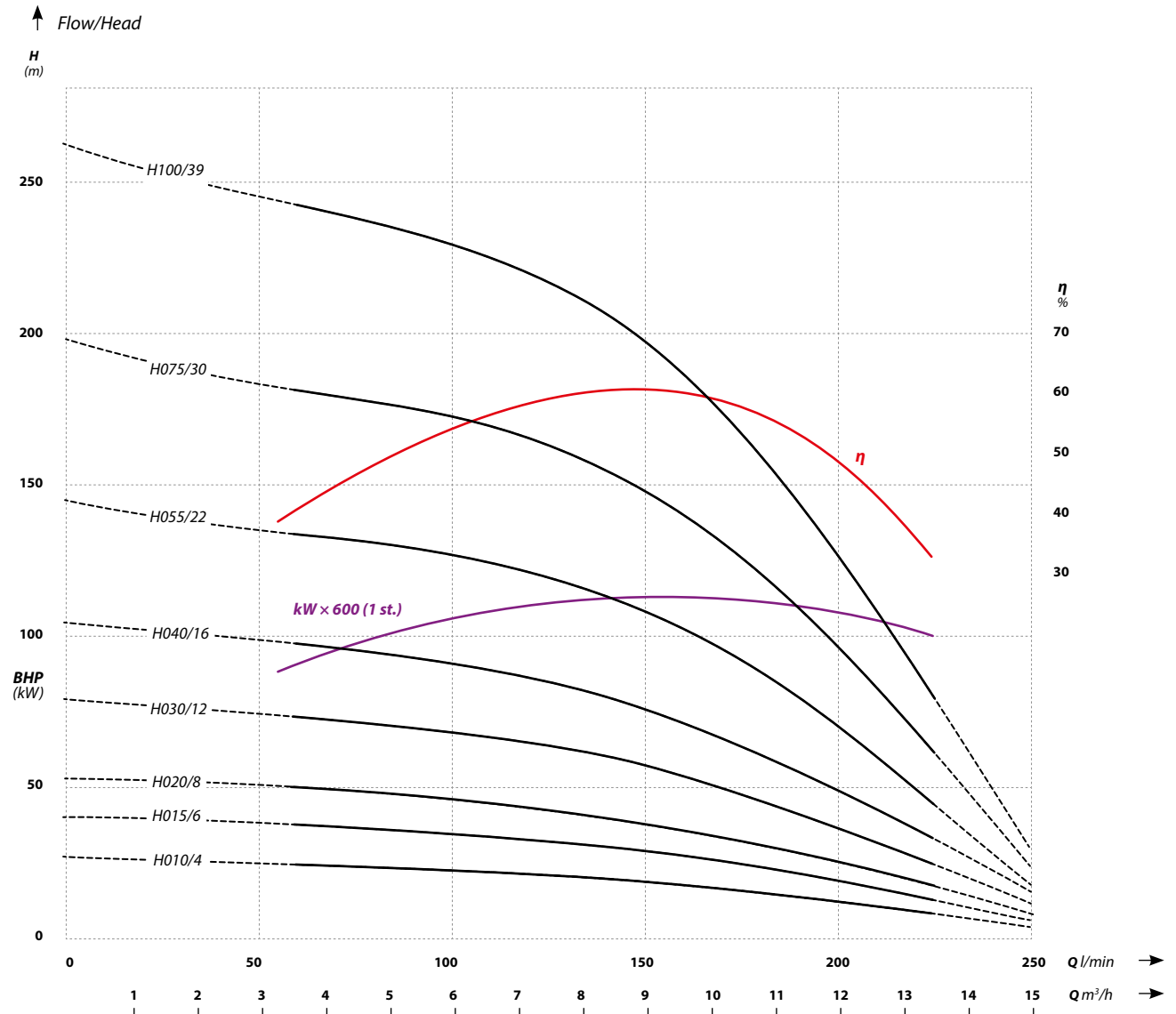


IBO ITALY FP4 H

Stainless steel
With DRY RUN PRO
technology



Increased
resistance to sand.
Floating impellers



| Name | Head (m) | Flow (l/min) | Motor power (kW) | Voltage (V) | Inlet/outlet (inch) | Amperage (A) 230V/400V | Dimensions Dia/H (mm) | Weight (kg) 230V/400V |
|-------|----------|--------------|------------------|-------------|---------------------|------------------------|-----------------------|-----------------------|
| H 010 | 21 | 250 | 0,75 | 230/400 | 2 | 5,9 2,20 | 98/698 | 13,0 11,5 |
| H 015 | 35 | 250 | 1,1 | 230/400 | 2 | 8,6 3,00 | 98/801 | 14,8 14,0 |
| H 020 | 50 | 250 | 1,5 | 230/400 | 2 | 10,7 4,10 | 98/914 | 16,9 14,9 |
| H 030 | 71 | 250 | 2,2 | 230/400 | 2 | 14,8 5,60 | 98/1171 | 22,9 18,8 |
| H 040 | 100 | 250 | 3 | 400 | 2 | - 7,50 | 98/1288 | - 21,9 |
| H 055 | 135 | 250 | 4 | 400 | 2 | - 9,80 | 98/1624 | - 27,7 |
| H 075 | 192 | 250 | 5,5 | 400 | 2 | - 12,7 | 98/2044 | - 36,4 |
| H 100 | 251 | 250 | 7,5 | 400 | 2 | - 16,9 | 98/2523 | - 43,9 |

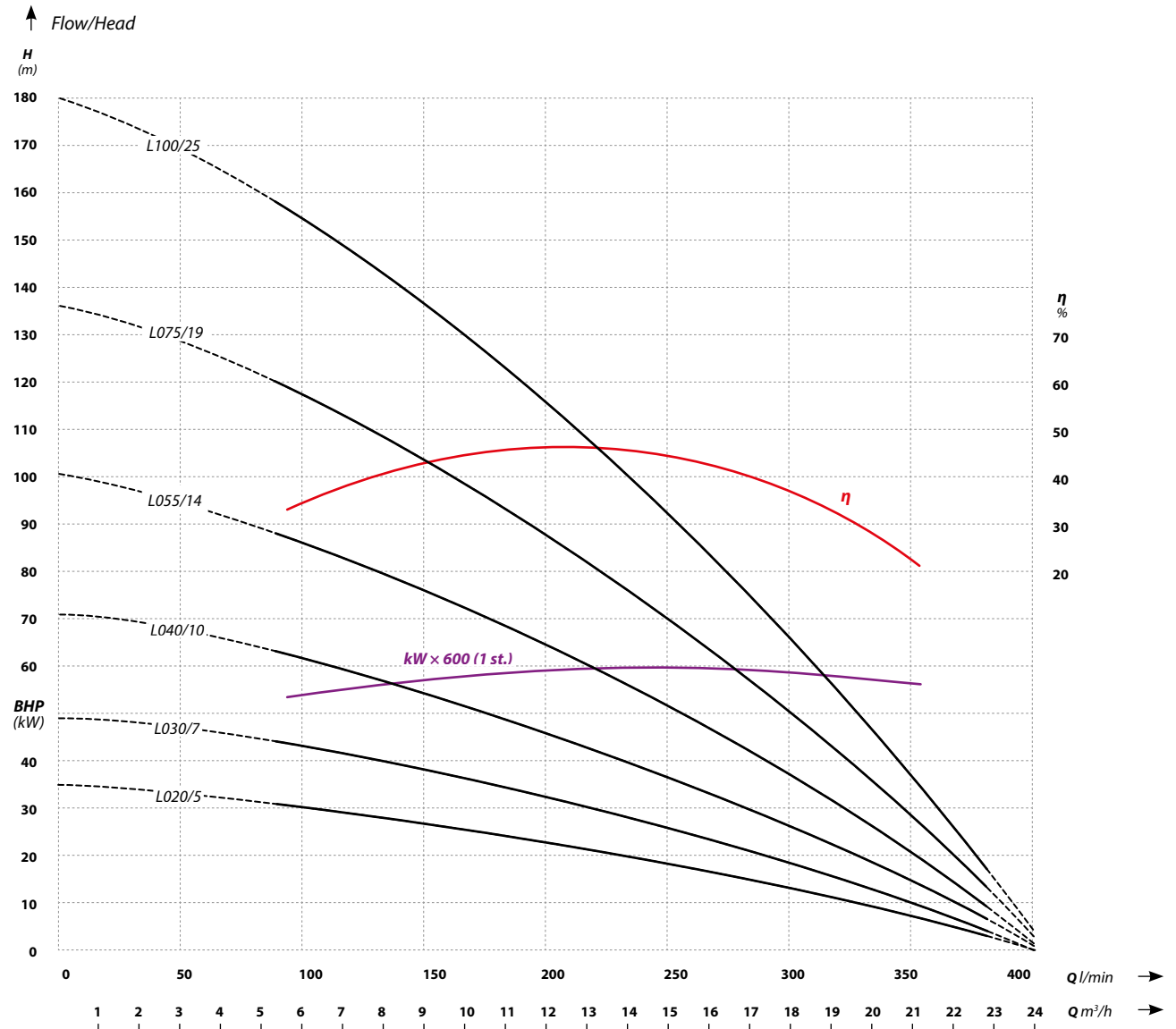


IBO ITALY FP4 L

Stainless steel
With DRY RUN PRO
technology



Increased
resistance to sand.
Floating impellers



| Name | Head (m) | Flow (l/min) | Motor power (kW) | Voltage (V) | Inlet/outlet (inch) | Amperage (A) 230V/400V | Dimensions Dia/H (mm) | Weight (kg) 230V/400V |
|-------|----------|--------------|------------------|-------------|---------------------|------------------------|-----------------------|-----------------------|
| L 020 | 36 | 400 | 1,5 | 230/400 | 2 | 10,7 4,10 | 98/889 | 16,3 14,3 |
| L 030 | 50 | 400 | 2,2 | 230/400 | 2 | 14,8 5,60 | 98/1119 | 21,8 16,9 |
| L 040 | 72 | 400 | 3 | 400 | 2 | - 7,50 | 98/1259 | - 20,7 |
| L 055 | 100 | 400 | 4 | 400 | 2 | - 9,80 | 98/1567 | - 25,8 |
| L 075 | 137 | 400 | 5,5 | 400 | 2 | - 12,7 | 98/1971 | - 34,0 |
| L 100 | 180 | 400 | 7,5 | 400 | 2 | - 16,9 | 98/2417 | - 40,7 |

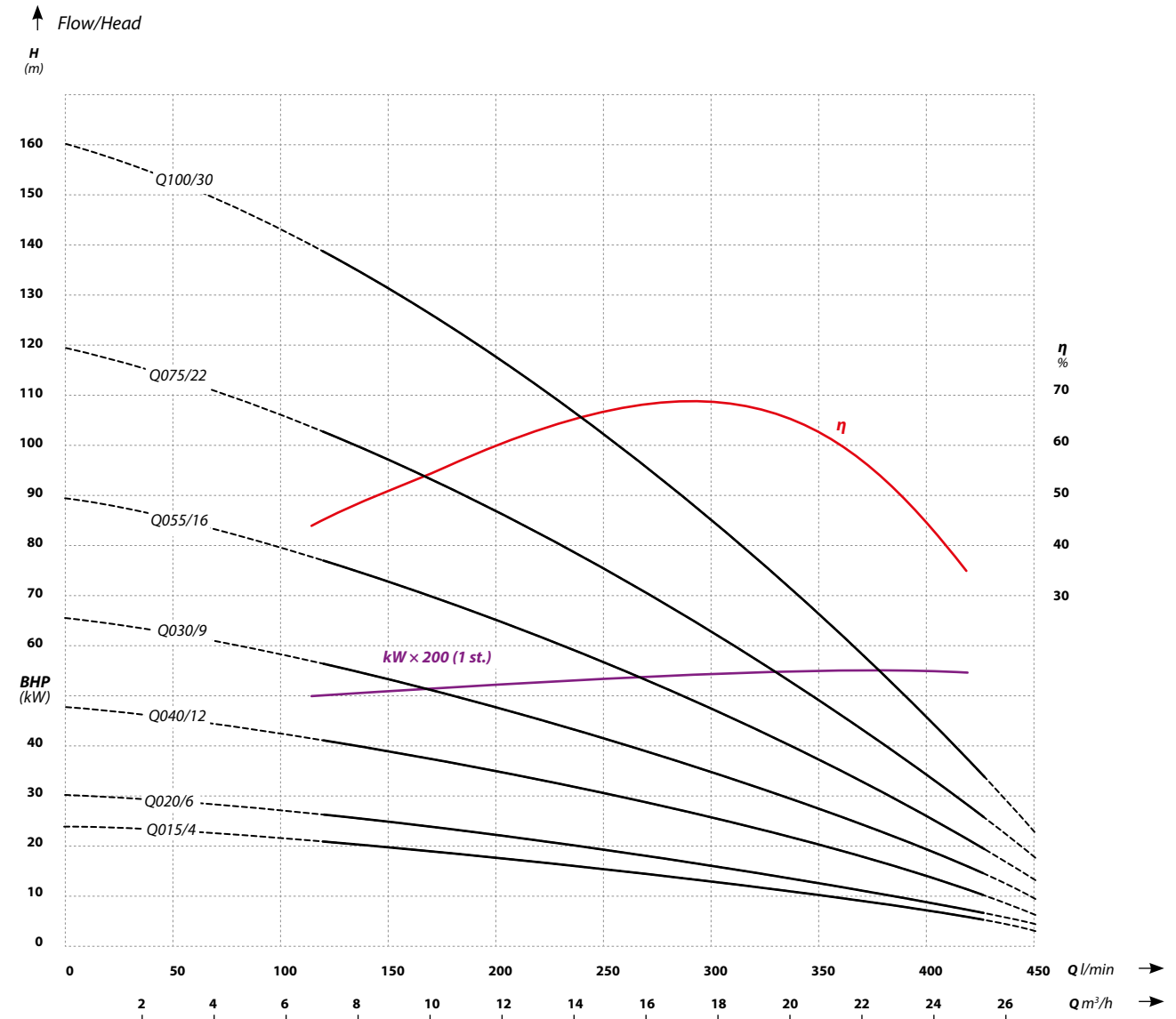


IBO ITALY FP4 Q

Stainless steel
With DRY RUN PRO
technology



Increased
resistance to sand.
Floating impellers

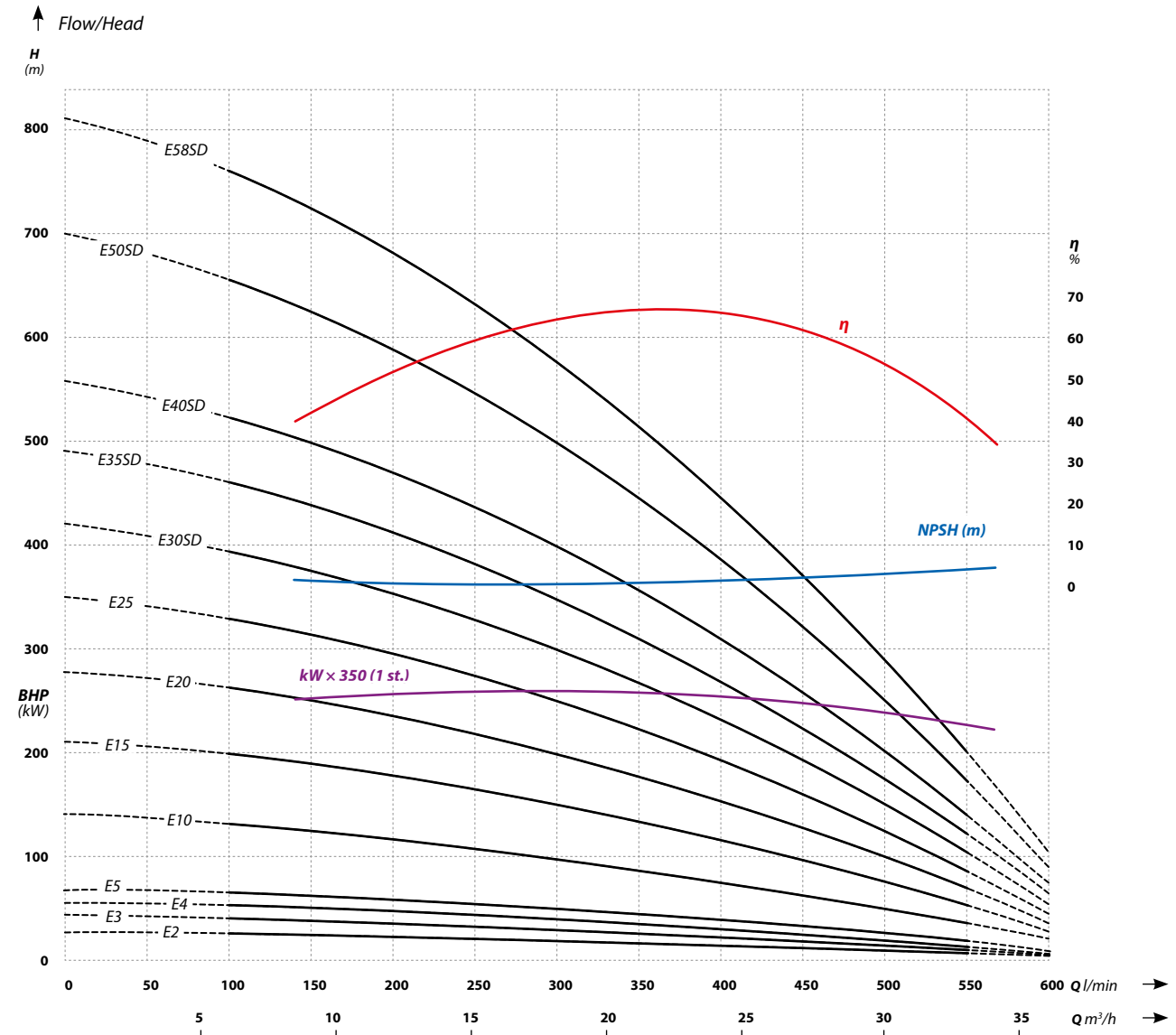


| Name | Head (m) | Flow (l/min) | Motor power (kW) | Voltage (V) | Inlet/outlet (inch) | Amperage (A) 230V/400V | Dimensions Dia/H (mm) | Weight (kg) 230V/400V |
|------|----------|--------------|------------------|-------------|---------------------|------------------------|-----------------------|-----------------------|
| Q15 | 24 | 500 | 1,1 | 230/400 | 2 | 8,6 3,00 | 98/833 | 14,8 14,0 |
| Q20 | 30 | 500 | 1,5 | 230/400 | 2 | 10,7 4,10 | 98/934 | 16,7 14,7 |
| Q30 | 48 | 500 | 2,2 | 230/400 | 2 | 14,8 5,60 | 98/1236 | 22,8 17,9 |
| Q40 | 65 | 500 | 3 | 230/400 | 2 | - 7,50 | 98/1396 | - 22,0 |
| Q55 | 89 | 500 | 4 | 400 | 2 | - 9,80 | 98/1766 | - 27,8 |
| Q75 | 119 | 500 | 5,5 | 400 | 2 | - 12,7 | 98/2204 | - 36,3 |
| Q100 | 161 | 500 | 7,5 | 400 | 2 | - 16,9 | 98/2693 | - 43,4 |



IBO ITALY AP6 E

Stainless steel

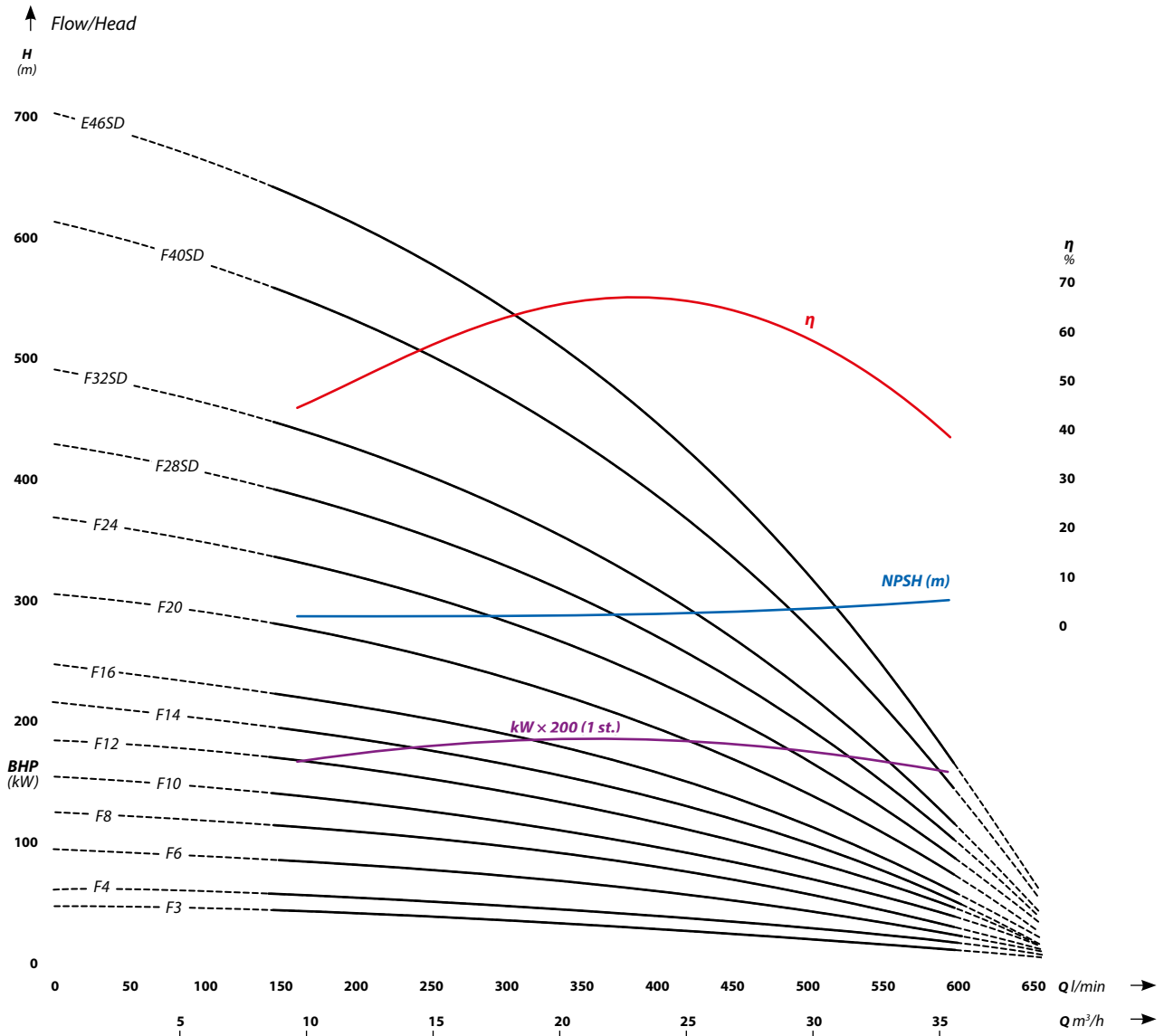


| Name | Head (m) | Flow (l/min) | Motor power (kW) | Inlet/outlet (inch) | Amperage (A) 400V | Motor diameter (inch) | L1 (mm) | Weight (kg) |
|-----------|----------|--------------|------------------|---------------------|-------------------|-----------------------|---------|-------------|
| AP6 E2 | 28 | 600 | 1,5 | 3 | 4,6 | 4 | 787 | 19 |
| AP6 E3 | 42 | 600 | 2,2 | 3 | 6,2 | 4 | 879 | 22 |
| AP6 E4 | 56 | 600 | 3 | 3 | 7,8 | 4 | 934 | 24 |
| AP6 E5 | 70 | 600 | 3,7 | 3 | 9,8 | 4 | 1.041 | 26 |
| AP6 E10 | 140 | 600 | 7,5 | 3 | 18 | 6 | 1.542 | 74 |
| AP6 E15 | 210 | 600 | 11 | 3 | 26 | 6 | 1.912 | 90 |
| AP6 E20 | 280 | 600 | 15 | 3 | 34 | 6 | 2.339 | 99 |
| AP6 E25 | 350 | 600 | 18,5 | 3 | 41 | 6 | 2.713 | 120 |
| AP6 E30SD | 420 | 600 | 22 | 3 | 49 | 6 | 3.221 | 145 |
| AP6 E35SD | 490 | 600 | 26 | 3 | 57 | 6 | 3.601 | 161 |
| AP6 E40SD | 560 | 600 | 30 | 3 | 67 | 6 | 4.030 | 173 |
| AP6 E50SD | 700 | 600 | 37 | 3 | 74 | 6 | 4.632 | 190 |
| AP6 E58SD | 812 | 600 | 45 | 3 | 95 | 6 | 5.048 | 196 |



IBO ITALY AP6 F

Stainless steel

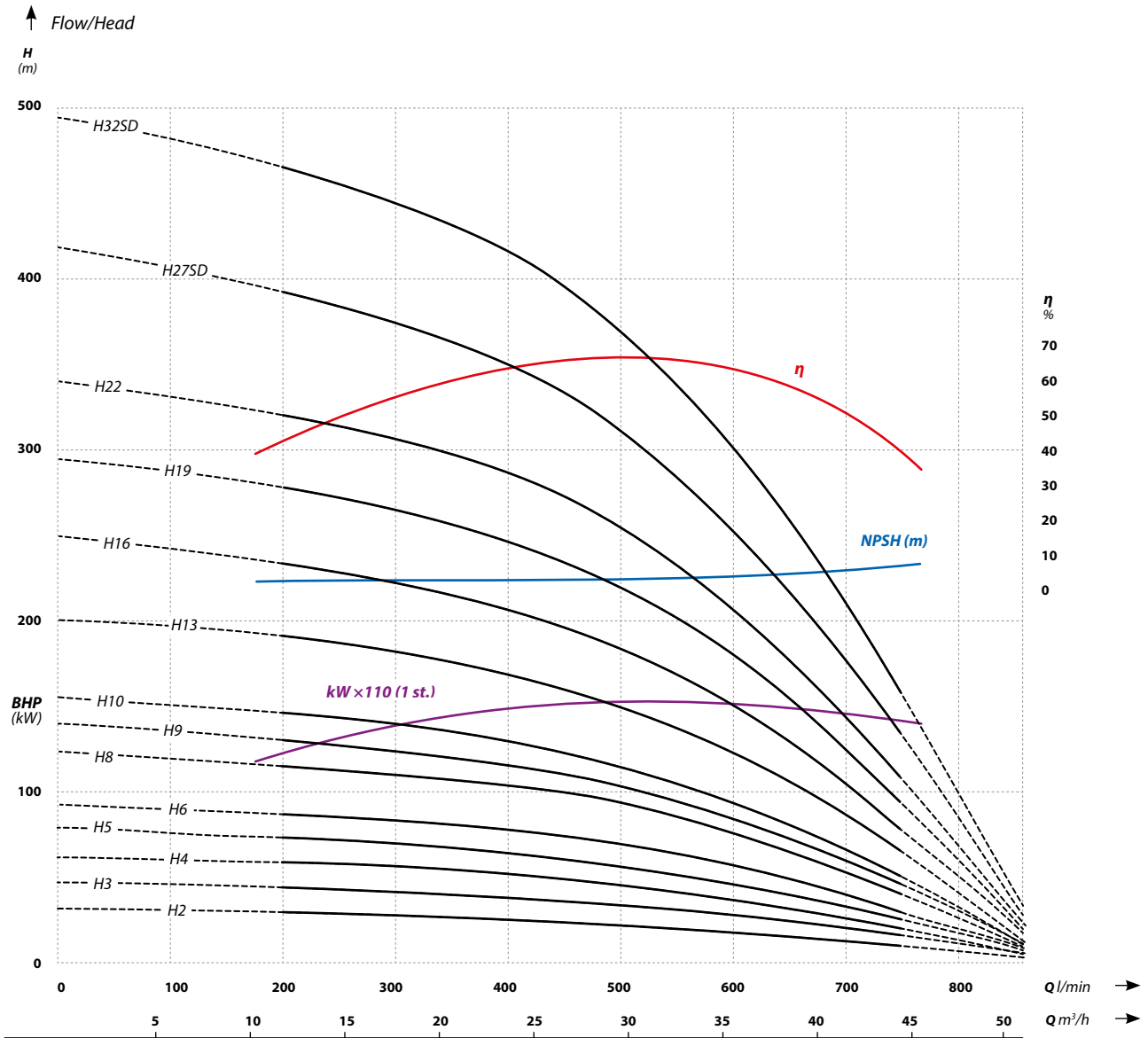


| Name | Head (m) | Flow (l/min) | Motor power (kW) | Amperage (A) 400V | Motor diameter (inch) | L1 (mm) | Weight (kg) | Waga (kg) |
|-----------|----------|--------------|------------------|-------------------|-----------------------|---------|-------------|-----------|
| AP6 F3 | 46 | 650 | 3 | 3 | 7,8 | 4" | 879 | 23 |
| AP6 F4 | 61 | 650 | 4 | 3 | 9,8 | 4" | 984 | 26 |
| AP6 F6 | 92 | 650 | 5,5 | 3 | 13,8 | 4" | 1.168 | 32 |
| AP6 F8 | 122 | 650 | 7,5 | 3 | 18 | 6" | 1.428 | 72 |
| AP6 F10 | 153 | 650 | 9,2 | 3 | 22 | 6" | 1.582 | 79 |
| AP6 F12 | 184 | 650 | 11 | 3 | 26 | 6" | 1.741 | 86 |
| AP6 F14 | 214 | 650 | 13 | 3 | 30 | 6" | 1.900 | 93 |
| AP6 F16 | 245 | 650 | 15 | 3 | 34 | 6" | 2.059 | 99 |
| AP6 E20 | 306 | 650 | 18,5 | 3 | 41 | 6" | 2.429 | 115 |
| AP6 E24 | 367 | 650 | 22 | 3 | 49 | 6" | 2.741 | 128 |
| AP6 F28SD | 428 | 650 | 26 | 3 | 57 | 6" | 3.202 | 153 |
| AP6 F32SD | 490 | 650 | 30 | 3 | 67 | 6" | 3.470 | 161 |
| AP6 F40SD | 612 | 650 | 37 | 3 | 74 | 6" | 3.958 | 196 |
| AP6 F46SD | 704 | 650 | 45 | 3 | 95 | 6" | 4.374 | 182 |



IBO ITALY AP6 H

Stainless steel

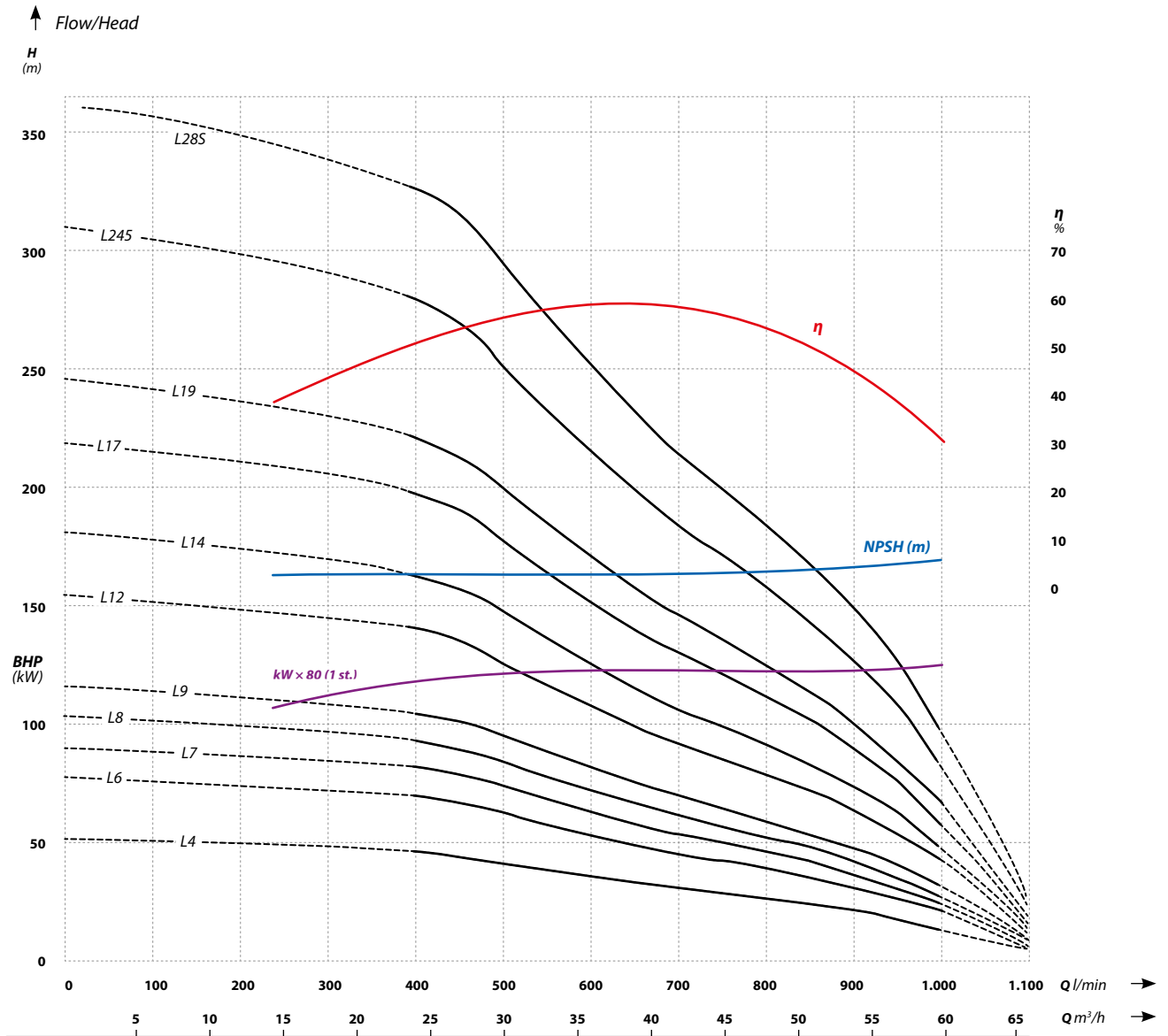


| Name | Head (m) | Flow (l/min) | Motor power (kW) | Inlet/outlet (inch) | Amperage (A) 400V | Motor diameter (inch) | L1 (mm) | Weight (kg) |
|-----------|----------|--------------|------------------|---------------------|-------------------|-----------------------|---------|-------------|
| AP6 H2 | 31 | 850 | 3 | 3 | 7,8 | 4 | 828 | 21 |
| AP6 H3 | 47 | 850 | 4 | 3 | 9,8 | 4 | 936 | 25 |
| AP6 H4 | 62 | 850 | 5,5 | 3 | 13,8 | 4 | 1.066 | 29 |
| AP6 H5 | 78 | 850 | 7,5 | 3 | 18 | 6 | 1.272 | 68 |
| AP6 H6 | 93 | 850 | 9,2 | 3 | 22 | 6 | 1.372 | 74 |
| AP6 H8 | 124 | 850 | 11 | 3 | 26 | 6 | 1.537 | 81 |
| AP6 H9 | 140 | 850 | 13 | 3 | 30 | 6 | 1.642 | 87 |
| AP6 H10 | 155 | 850 | 15 | 3 | 34 | 6 | 1.747 | 92 |
| AP6 H13 | 202 | 850 | 18,5 | 3 | 41 | 6 | 2.017 | 106 |
| AP6 H16 | 248 | 850 | 22 | 3 | 49 | 6 | 2.282 | 118 |
| AP6 H19 | 295 | 850 | 26 | 3 | 57 | 6 | 2.609 | 134 |
| AP6 H22 | 341 | 850 | 30 | 3 | 67 | 6 | 2.829 | 141 |
| AP6 H27S | 419 | 850 | 37 | 3 | 74 | 6 | 3.160 | 157 |
| AP6 H32SD | 496 | 850 | 45 | 3 | 95 | 6 | 3.672 | 169 |



IBO ITALY AP6 L

Stainless steel



| Name | Head (m) | Flow (l/min) | Motor power (kW) | Amperage (A) 400V | Motor diameter (inch) | L1 (mm) | Weight (kg) |
|----------|----------|--------------|------------------|-------------------|-----------------------|---------|-------------|
| AP6 L4 | 52 | 1100 | 7,5 | 18 | 6 | 528 | 67 |
| AP6 L6 | 77 | 1100 | 9,2 | 22 | 6 | 648 | 74 |
| AP6 L7 | 90 | 1100 | 11 | 26 | 6 | 708 | 80 |
| AP6 L8 | 103 | 1100 | 13 | 30 | 6 | 768 | 86 |
| AP6 L9 | 116 | 1100 | 15 | 34 | 6 | 828 | 91 |
| AP6 L12 | 155 | 1100 | 18,5 | 41 | 6 | 1.008 | 103 |
| AP6 L14 | 181 | 1100 | 22 | 49 | 6 | 1.128 | 114 |
| AP6 L17 | 219 | 1100 | 26 | 57 | 6 | 1.308 | 128 |
| AP6 L19 | 245 | 1100 | 30 | 67 | 6 | 1.480 | 137 |
| AP6 L245 | 310 | 1100 | 37 | 74 | 6 | 1.779 | 153 |
| AP6 L285 | 361 | 1100 | 45 | 95 | 6 | 1.959 | 158 |



IBO ITALY FX6 | FX8 | FX10

Top quality cast iron deep well pumps made in Italy. Pump hydraulic components are made of cast iron, and upon customer's request brass impellers can be installed. The pump has 5" diameter outlet (DN 125), and depending on the user's requirements, it can be threaded or flanged. For pumps up to 26 kW, 6" (144 mm) motors are mounted, for 8" pumps over 26 kW, 8" (193 mm) motors are mounted. Maximum pump diameter including cable protector is: for 6" pumps - 153 mm, 8" pumps - 193 mm, 10" pumps - 245 mm.

Pumps are available on request, delivery time from 7 to 21 days.

Application:

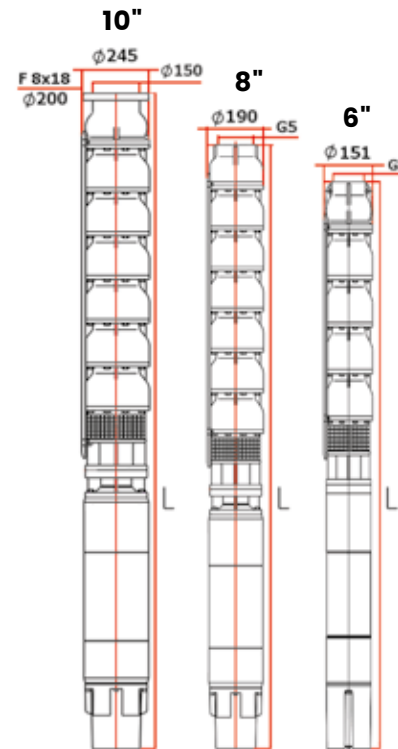
- farms,
- water supply systems,
- irrigation systems,
- fire extinguishing systems,
- industrial applications

Operating conditions:

- Maximum liquid temperature: 35°C
- Maximum ambient temperature: 35°C
- Voltage: 400 V
- Insulation class: F
- Working mode: continuous
- Security: IP68
- Power cable length: 1,5 m
- Workplace: vertical/horizontal
- Max. number of starts per hour: 30
- Rotational speed of the electric motor: 2850 RPM

Materials:

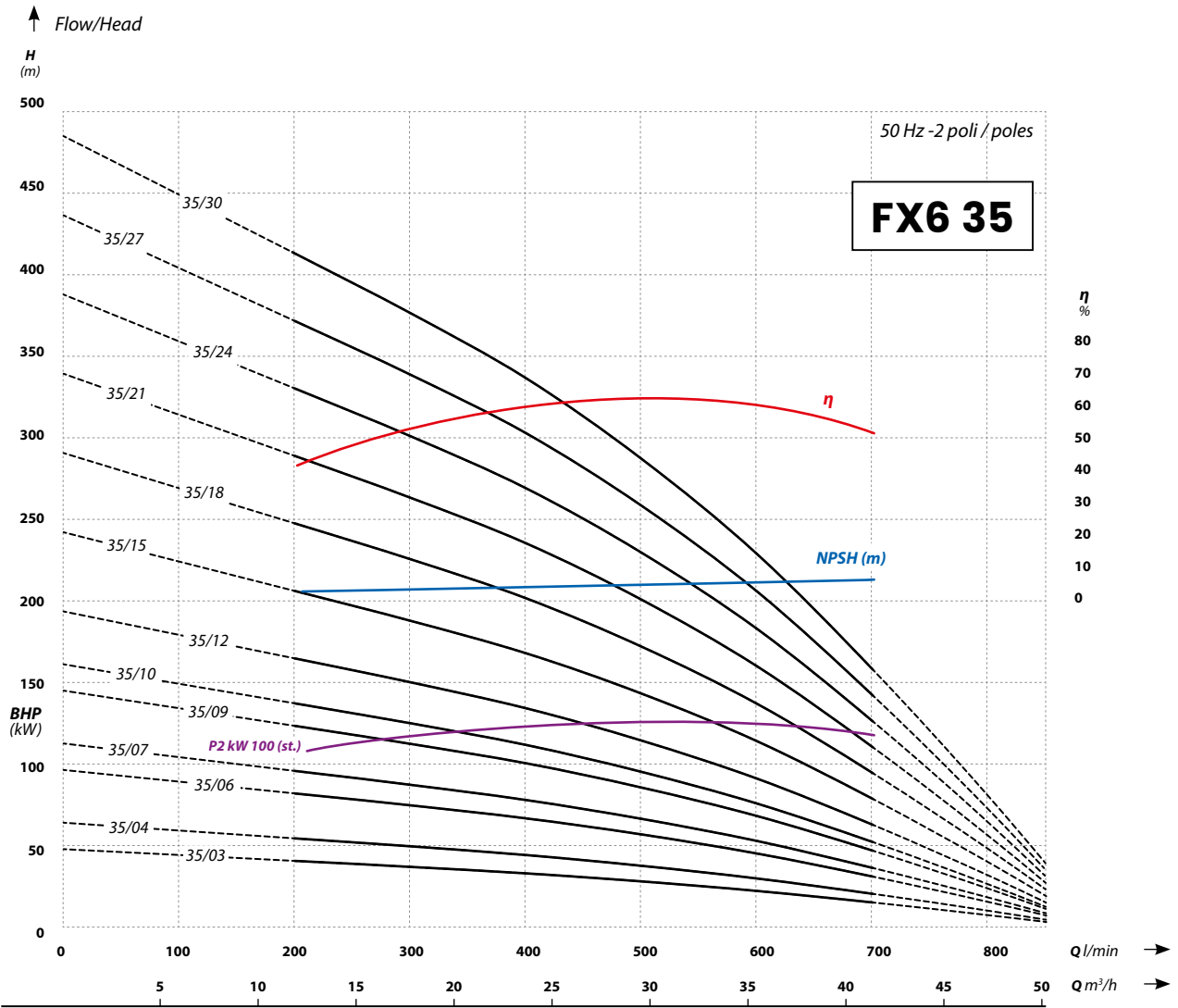
- Suction/pressure connection: cast iron
- Housing: cast iron
- Shaft: stainless steel AISI 420
- Impeller: cast iron
- Venturi tube: cast iron
- Mechanical seal: Carbon-SIC/Sic/NBR



| Number | Part Name | Material |
|------------|------------------------------|---------------------------|
| 1130 | suction body | cast iron G25 |
| 1170 | venturi tube | cast iron G25 |
| 1500 | sealing ring | PU 45 shD / (FX10 bz.B8) |
| 1610 | diffuser sleeve | PU 45 shD |
| 2110 | shaft | AISI 420 |
| 2261 | impeller | cast iron G25 / bronz B.0 |
| 2410 | sliding sleeve | OT58 chrome |
| 2460.1 | lower bearing body | AISI 316 |
| 2460.2 | spacer sleeve | AISI 316 |
| 2460.3 | upper bearing body | AISI 316 |
| 2460.4 | spacer | AISI 316 |
| 2910 | bolt + shaft washer | AISI 304-420 |
| 3312 | bronze sleeve | bronz. B8 |
| 3312.1 | sliding sleeve | PU 45 shD |
| 4511 | O-ring | NBR |
| 6310 | threaded discharge port | cast iron G25 |
| 6310*(FX8) | discharge port with a flange | cast iron G25 |
| 6320 | valve seal | NBR |
| 6330 | check valve | cast iron G25 / AISI 304 |
| 6340 | valve saddle | cast iron G25 |
| 6360 | spring | AISI 302 |
| 6531 | filter mesh | AISI 304 |
| 6576 | screw | AISI 304 |
| 7000 | clutch | AISI 420 |
| 8361 | cable cover | AISI 304 |



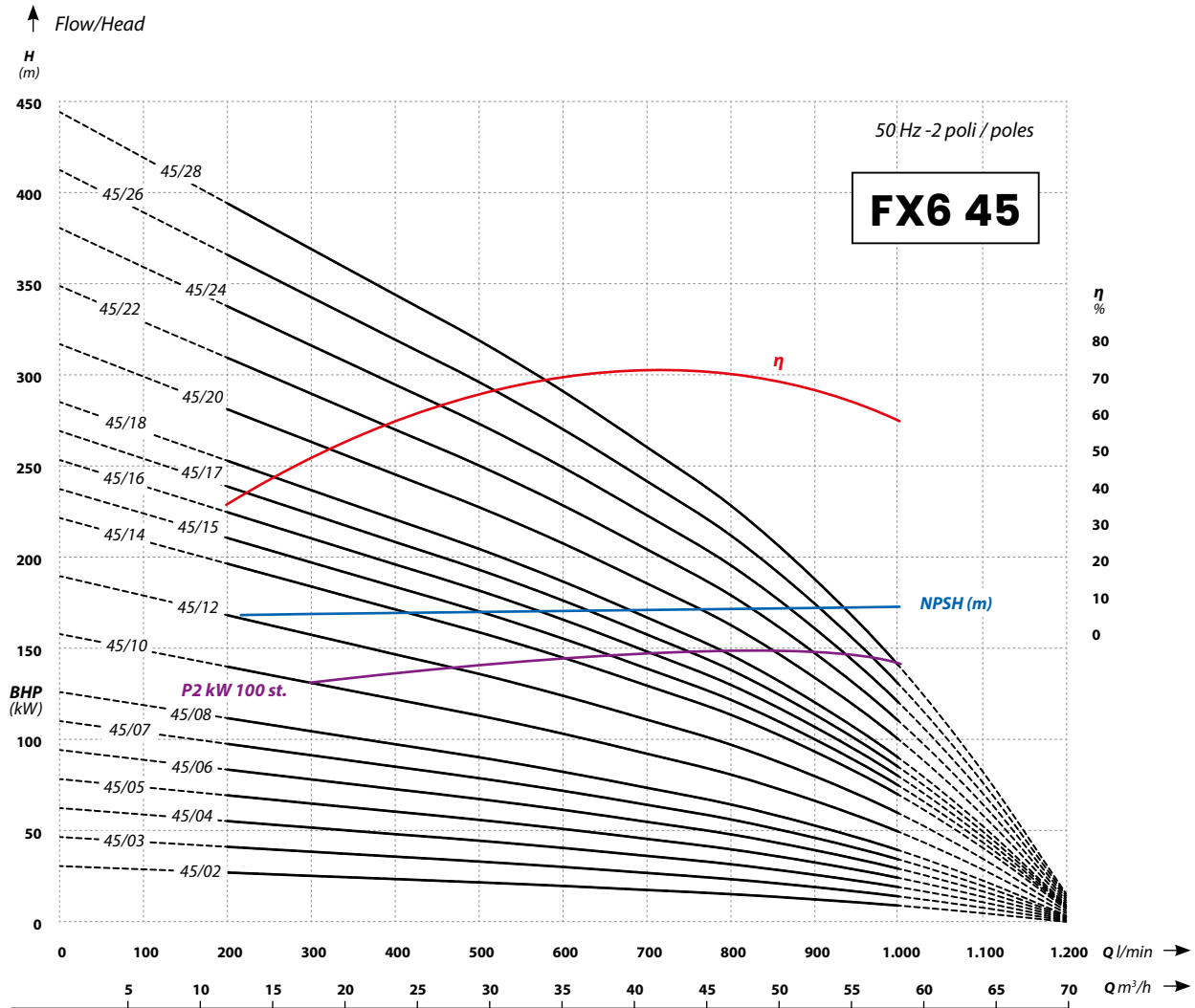
IBO ITALY FX6



| TYP | kW | Motor diameter | Length L(mm) | Weight (kg) | Amperage (A) | H (m) | | | | | | | | | | | | | | | | | | |
|-----------|------|----------------|--------------|-------------|--------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|--|--|--|--|--|
| | | | | | | Q (l/min) | | | | | | | | | | | | | | | | | | |
| | | | | | | 0 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | 42 | 45 | 48 | | | | | |
| FX6 35/03 | 4 | 6" | 590 | 29 | 12 | 49 | 41 | 40 | 38 | 36 | 34 | 31 | 29 | 26 | 23 | 19 | 16 | 12 | 8 | | | | | |
| FX6 35/04 | 5,5 | 6" | 698 | 35 | 15 | 65 | 55 | 53 | 50 | 48 | 45 | 42 | 38 | 35 | 31 | 26 | 21 | 16 | 11 | | | | | |
| FX6 35/06 | 7,5 | 6" | 914 | 47 | 18 | 97 | 83 | 79 | 75 | 71 | 68 | 63 | 58 | 52 | 46 | 39 | 32 | 24 | 16 | | | | | |
| FX6 35/07 | 9,2 | 6" | 1 022 | 53 | 22 | 113 | 97 | 92 | 88 | 83 | 79 | 73 | 67 | 60 | 54 | 45 | 37 | 28 | 19 | | | | | |
| FX6 35/09 | 11 | 6" | 1 238 | 65 | 26 | 146 | 124 | 119 | 113 | 107 | 101 | 94 | 86 | 78 | 69 | 58 | 48 | 36 | 24 | | | | | |
| FX6 35/10 | 13 | 6" | 1 346 | 71 | 30 | 162 | 138 | 132 | 126 | 119 | 113 | 104 | 96 | 86 | 77 | 65 | 53 | 40 | 27 | | | | | |
| FX6 35/12 | 15 | 6" | 1 562 | 83 | 34 | 194 | 166 | 158 | 151 | 143 | 135 | 125 | 115 | 104 | 92 | 78 | 63 | 48 | 32 | | | | | |
| FX6 35/15 | 18,5 | 6" | 1 886 | 101 | 41 | 243 | 207 | 198 | 189 | 179 | 169 | 156 | 144 | 129 | 115 | 97 | 79 | 60 | 41 | | | | | |
| FX6 35/18 | 22 | 6" | 2 210 | 119 | 49 | 292 | 248 | 237 | 226 | 214 | 203 | 188 | 173 | 155 | 138 | 116 | 95 | 72 | 49 | | | | | |
| FX6 35/21 | 26 | 6" | 2 534 | 138 | 57 | 340 | 290 | 277 | 264 | 250 | 236 | 219 | 202 | 181 | 161 | 136 | 111 | 84 | 57 | | | | | |
| FX6 35/24 | 30 | 6" | 2 858 | 156 | 67 | 389 | 331 | 317 | 302 | 286 | 270 | 250 | 230 | 207 | 184 | 155 | 127 | 96 | 65 | | | | | |
| FX6 35/27 | 37 | 6" | 3 182 | 173 | 74 | 437 | 373 | 356 | 340 | 322 | 304 | 281 | 259 | 233 | 207 | 175 | 143 | 108 | 73 | | | | | |
| FX6 35/30 | 37 | 6" | 3 506 | 191 | 74 | 486 | 414 | 396 | 377 | 357 | 338 | 313 | 288 | 259 | 230 | 194 | 159 | 120 | 81 | | | | | |



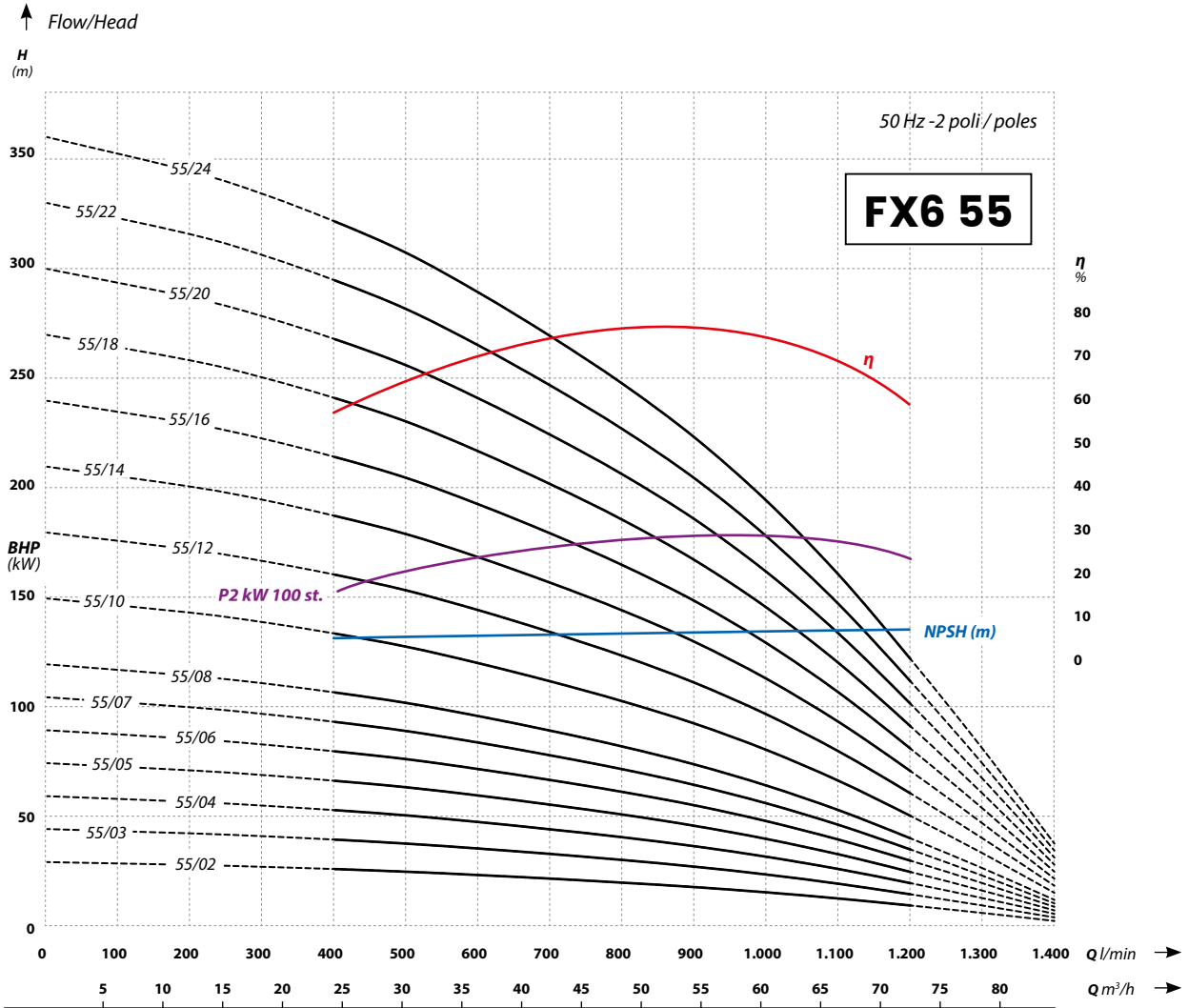
IBO ITALY FX6 cd.



| TYP | kW | Motor diameter | Length L (mm) | Weight (kg) | Amperage (A) | Flow (Q) | | | | | | | | | | | | | | | | |
|-----------|------|----------------|---------------|-------------|--------------|-------------------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | | | m ³ /h | 0 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | 42 | 45 | 48 | 51 | 54 | 60 | 66 |
| | | | | | | l/min | 0 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800 | 850 | 900 | 1000 | 1100 |
| | | | | | | l/sec | 0 | 5,83 | 6,67 | 6,67 | 7,50 | 8,33 | 9,17 | 10,0 | 10,8 | 11,7 | 12,5 | 13,3 | 14,2 | 15,0 | 16,7 | 18,3 |
| FX6 45/02 | 4 | 6" | 482 | 23 | 12 | 32 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 15 | 14 | 10 | 6 | |
| FX6 45/03 | 5,5 | 6" | 590 | 29 | 15 | 48 | 40 | 39 | 37 | 36 | 35 | 33 | 32 | 30 | 28 | 26 | 25 | 23 | 20 | 15 | 9 | |
| FX6 45/04 | 7,5 | 6" | 698 | 35 | 18 | 64 | 53 | 51 | 50 | 48 | 46 | 44 | 42 | 40 | 38 | 35 | 33 | 30 | 27 | 20 | 12 | |
| FX6 45/05 | 7,5 | 6" | 806 | 41 | 18 | 80 | 67 | 64 | 62 | 60 | 58 | 55 | 53 | 50 | 47 | 44 | 41 | 38 | 34 | 26 | 15 | |
| FX6 45/06 | 9,2 | 6" | 914 | 47 | 22 | 96 | 80 | 77 | 74 | 72 | 69 | 66 | 63 | 60 | 56 | 53 | 50 | 45 | 41 | 31 | 18 | |
| FX6 45/07 | 11 | 6" | 1022 | 53 | 26 | 112 | 93 | 90 | 87 | 84 | 81 | 77 | 74 | 70 | 66 | 62 | 58 | 53 | 48 | 36 | 21 | |
| FX6 45/08 | 13 | 6" | 1130 | 59 | 30 | 128 | 106 | 103 | 99 | 96 | 92 | 88 | 84 | 80 | 75 | 71 | 66 | 60 | 54 | 41 | 24 | |
| FX6 45/10 | 15 | 6" | 1346 | 71 | 34 | 160 | 133 | 129 | 124 | 120 | 115 | 110 | 105 | 100 | 94 | 88 | 83 | 75 | 68 | 51 | 30 | |
| FX6 45/12 | 18,5 | 6" | 1562 | 83 | 41 | 192 | 160 | 154 | 149 | 143 | 138 | 132 | 126 | 119 | 113 | 106 | 99 | 90 | 82 | 61 | 36 | |
| FX6 45/14 | 22 | 6" | 1778 | 95 | 49 | 224 | 186 | 180 | 174 | 167 | 161 | 154 | 147 | 139 | 132 | 124 | 116 | 105 | 95 | 71 | 42 | |
| FX6 45/15 | 22 | 6" | 1886 | 101 | 49 | 240 | 200 | 193 | 186 | 179 | 173 | 165 | 158 | 149 | 141 | 132 | 124 | 113 | 102 | 77 | 45 | |
| FX6 45/16 | 26 | 6" | 1994 | 107 | 57 | 256 | 213 | 206 | 198 | 191 | 184 | 176 | 168 | 159 | 150 | 141 | 132 | 120 | 109 | 82 | 48 | |
| FX6 45/17 | 26 | 6" | 2102 | 114 | 57 | 272 | 226 | 218 | 211 | 203 | 196 | 187 | 179 | 169 | 160 | 150 | 140 | 128 | 116 | 87 | 51 | |
| FX6 45/18 | 30 | 6" | 2210 | 119 | 67 | 288 | 239 | 231 | 223 | 215 | 207 | 198 | 189 | 179 | 169 | 159 | 149 | 135 | 122 | 92 | 54 | |
| FX6 45/20 | 30 | 6" | 2426 | 131 | 67 | 320 | 266 | 257 | 248 | 239 | 230 | 220 | 210 | 199 | 188 | 177 | 165 | 151 | 136 | 102 | 60 | |
| FX6 45/22 | 37 | 6" | 2642 | 143 | 74 | 352 | 293 | 283 | 273 | 263 | 253 | 242 | 231 | 219 | 207 | 194 | 182 | 166 | 150 | 112 | 66 | |
| FX6 45/24 | 37 | 6" | 2858 | 156 | 74 | 384 | 319 | 308 | 298 | 287 | 276 | 264 | 252 | 239 | 226 | 212 | 198 | 181 | 163 | 122 | 72 | |
| FX6 45/26 | 45 | 6" | 3074 | 168 | 95 | 416 | 346 | 334 | 322 | 311 | 299 | 286 | 273 | 259 | 244 | 229 | 215 | 196 | 177 | 133 | 79 | |
| FX6 45/28 | 45 | 6" | 3290 | 179 | 95 | 448 | 372 | 360 | 347 | 335 | 322 | 308 | 294 | 279 | 263 | 247 | 231 | 211 | 190 | 143 | 85 | |



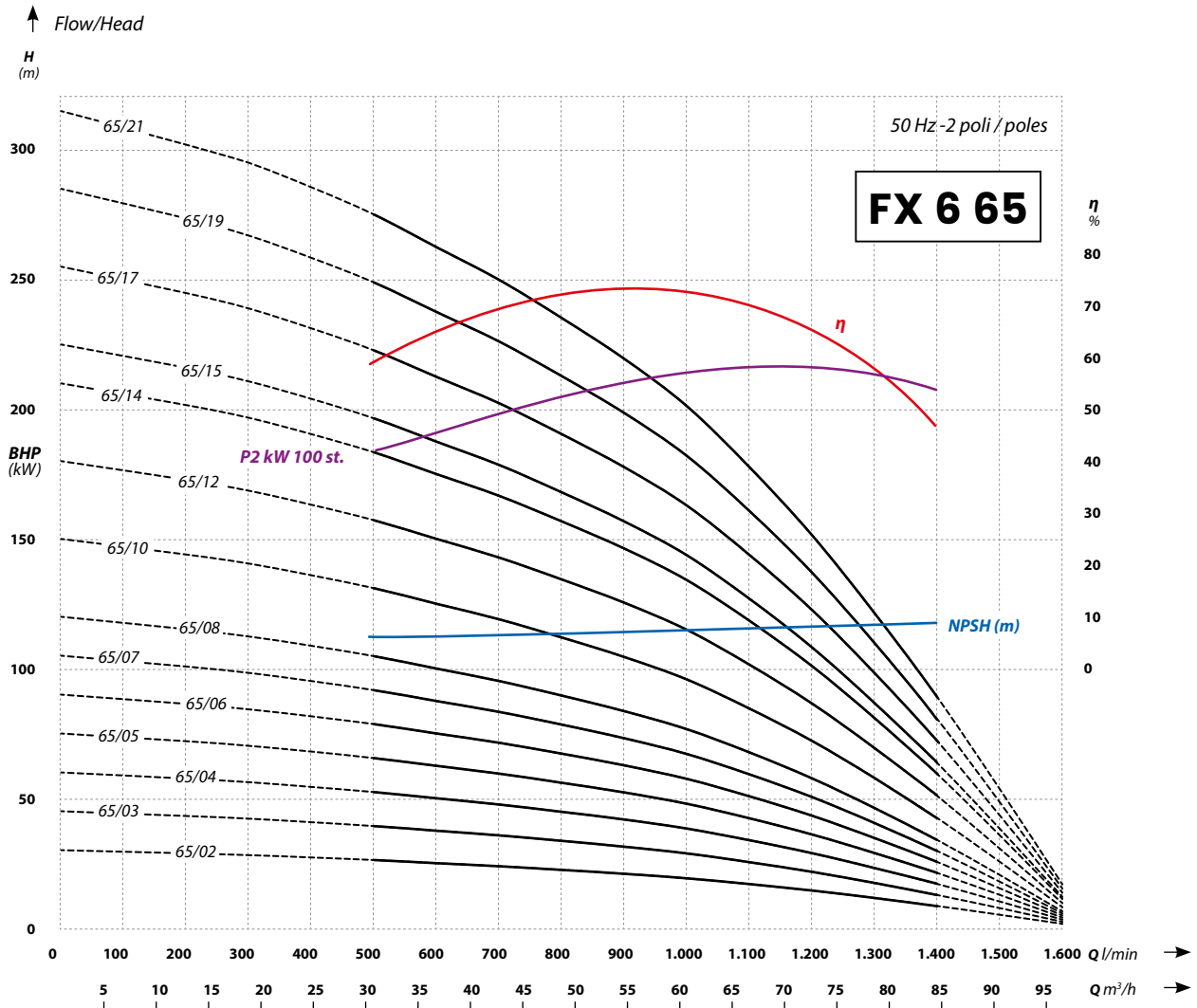
IBO ITALY FX6 cd.



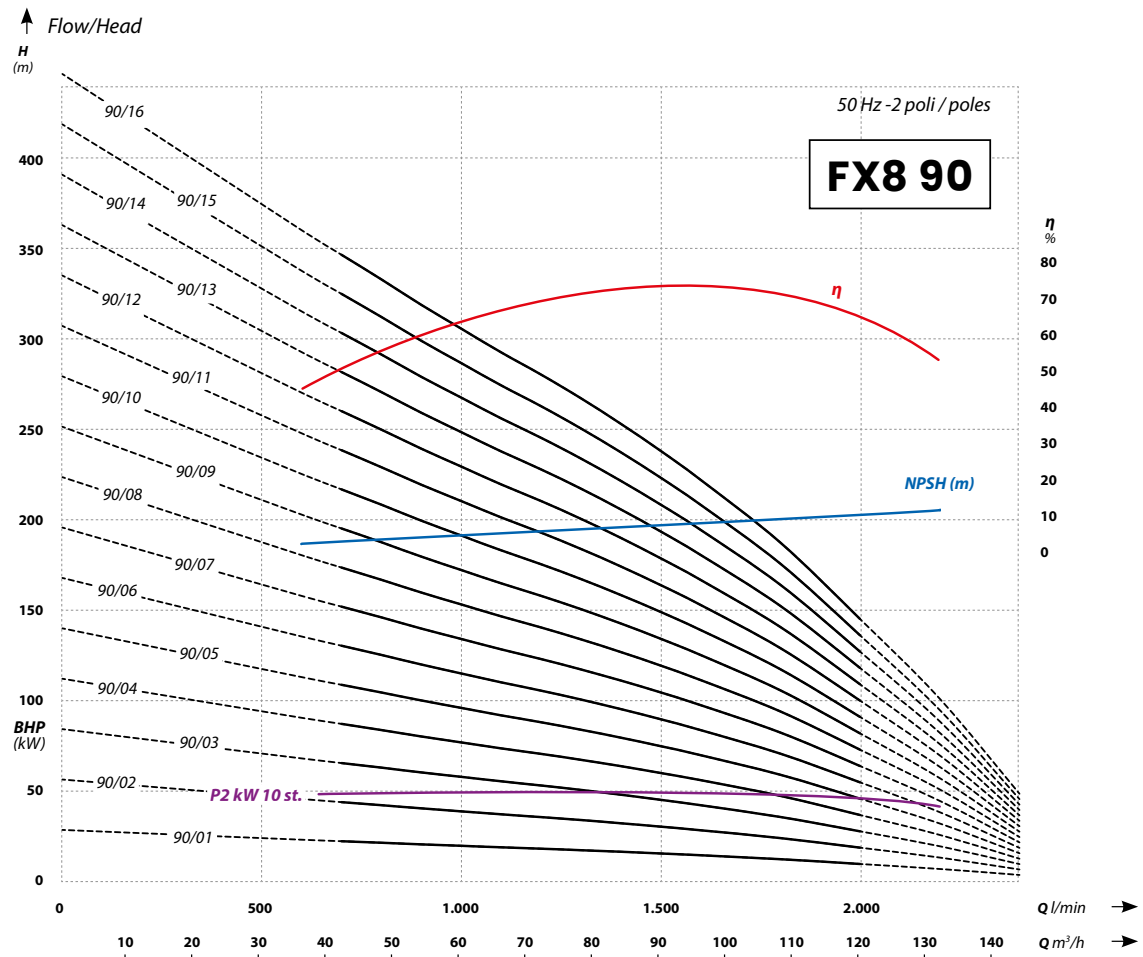
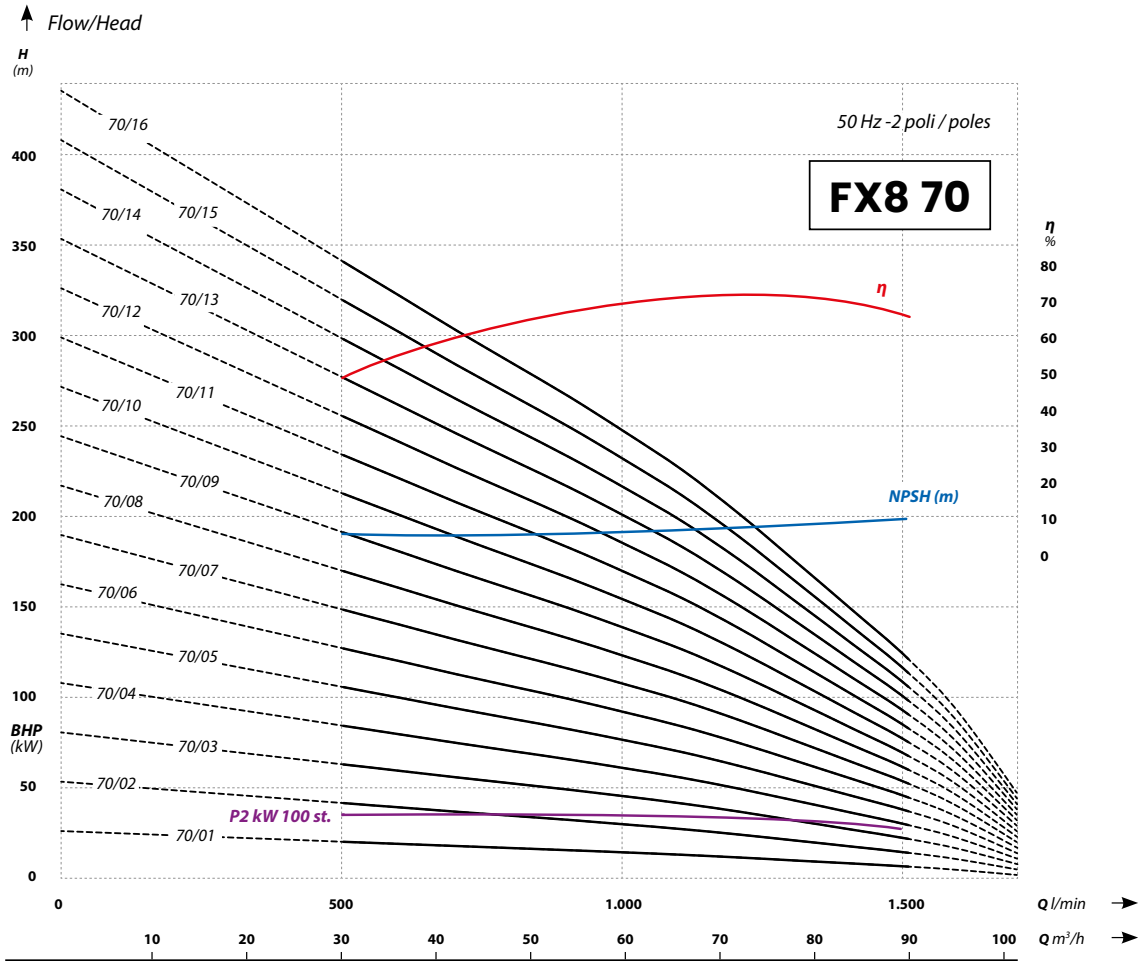
| TYP | kW | Motor diameter | Length L (mm) | Weight (kg) | Amperage (A) | Flow (Q) | | | | | | | | | | | | | | | | |
|-----------|------|----------------|---------------|-------------|--------------|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| | | | | | | m ³ /h | | | | | | | | | | | | | | | | |
| | | | | | | 0 | 24 | 27 | 30 | 33 | 36 | 39 | 42 | 45 | 48 | 51 | 54 | 60 | 66 | 72 | 78 | 84 |
| FX6 55/02 | 4 | 6" | 482 | 23 | 12 | 30 | 27 | 26 | 26 | 25 | 24 | 23 | 22 | 22 | 21 | 20 | 19 | 16 | 13 | 10 | 7 | 3 |
| FX6 55/03 | 5,5 | 6" | 590 | 29 | 15 | 45 | 40 | 39 | 38 | 37 | 36 | 35 | 34 | 32 | 31 | 29 | 28 | 24 | 20 | 15 | 10 | 5 |
| FX6 55/04 | 7,5 | 6" | 698 | 35 | 18 | 60 | 54 | 52 | 51 | 50 | 48 | 47 | 45 | 43 | 41 | 39 | 37 | 32 | 27 | 20 | 14 | 6 |
| FX6 55/05 | 9,2 | 6" | 806 | 41 | 22 | 75 | 67 | 66 | 64 | 62 | 60 | 58 | 56 | 54 | 52 | 49 | 47 | 41 | 34 | 26 | 17 | 8 |
| FX6 55/06 | 11 | 6" | 914 | 47 | 26 | 90 | 80 | 79 | 77 | 75 | 72 | 70 | 67 | 65 | 62 | 59 | 56 | 49 | 40 | 31 | 20 | 10 |
| FX6 55/07 | 13 | 6" | 1 022 | 53 | 30 | 105 | 94 | 92 | 90 | 87 | 84 | 81 | 79 | 75 | 72 | 69 | 65 | 57 | 47 | 36 | 24 | 11 |
| FX6 55/08 | 15 | 6" | 1 130 | 59 | 34 | 120 | 107 | 105 | 102 | 99 | 96 | 93 | 90 | 86 | 83 | 78 | 74 | 65 | 54 | 41 | 27 | 13 |
| FX6 55/10 | 18,5 | 6" | 1 346 | 71 | 41 | 150 | 134 | 131 | 128 | 124 | 121 | 116 | 112 | 108 | 103 | 98 | 93 | 81 | 67 | 51 | 34 | 16 |
| FX6 55/12 | 22 | 6" | 1 562 | 83 | 49 | 180 | 161 | 157 | 154 | 149 | 145 | 140 | 135 | 129 | 124 | 118 | 112 | 97 | 80 | 61 | 41 | 19 |
| FX6 55/14 | 26 | 6" | 1 778 | 95 | 57 | 210 | 188 | 183 | 179 | 174 | 169 | 163 | 157 | 151 | 144 | 137 | 130 | 113 | 94 | 71 | 48 | 22 |
| FX6 55/16 | 30 | 6" | 1 994 | 107 | 67 | 240 | 214 | 210 | 205 | 199 | 193 | 186 | 180 | 172 | 165 | 157 | 149 | 130 | 107 | 82 | 54 | 26 |
| FX6 55/18 | 37 | 6" | 2 210 | 119 | 74 | 270 | 241 | 236 | 230 | 224 | 217 | 209 | 202 | 194 | 186 | 177 | 167 | 146 | 121 | 92 | 61 | 29 |
| FX6 55/20 | 37 | 6" | 2 426 | 131 | 74 | 300 | 268 | 262 | 256 | 249 | 241 | 233 | 224 | 215 | 206 | 196 | 186 | 162 | 134 | 102 | 68 | 32 |
| FX6 55/22 | 45 | 6" | 2 642 | 143 | 95 | 330 | 295 | 288 | 282 | 273 | 265 | 256 | 247 | 237 | 227 | 216 | 205 | 178 | 147 | 112 | 75 | 35 |
| FX6 55/24 | 45 | 6" | 2 858 | 156 | 95 | 360 | 322 | 314 | 307 | 298 | 289 | 279 | 269 | 258 | 248 | 235 | 223 | 194 | 161 | 122 | 82 | 38 |

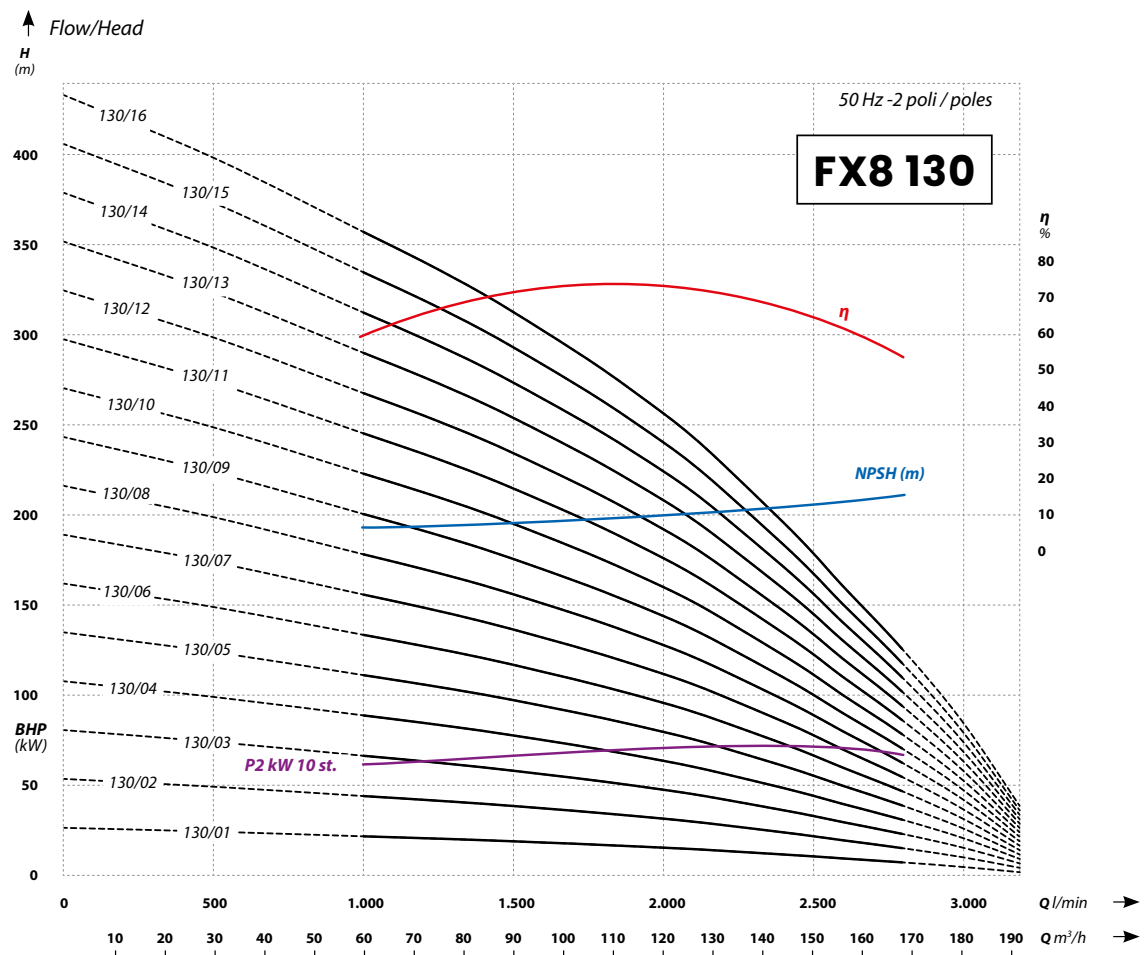
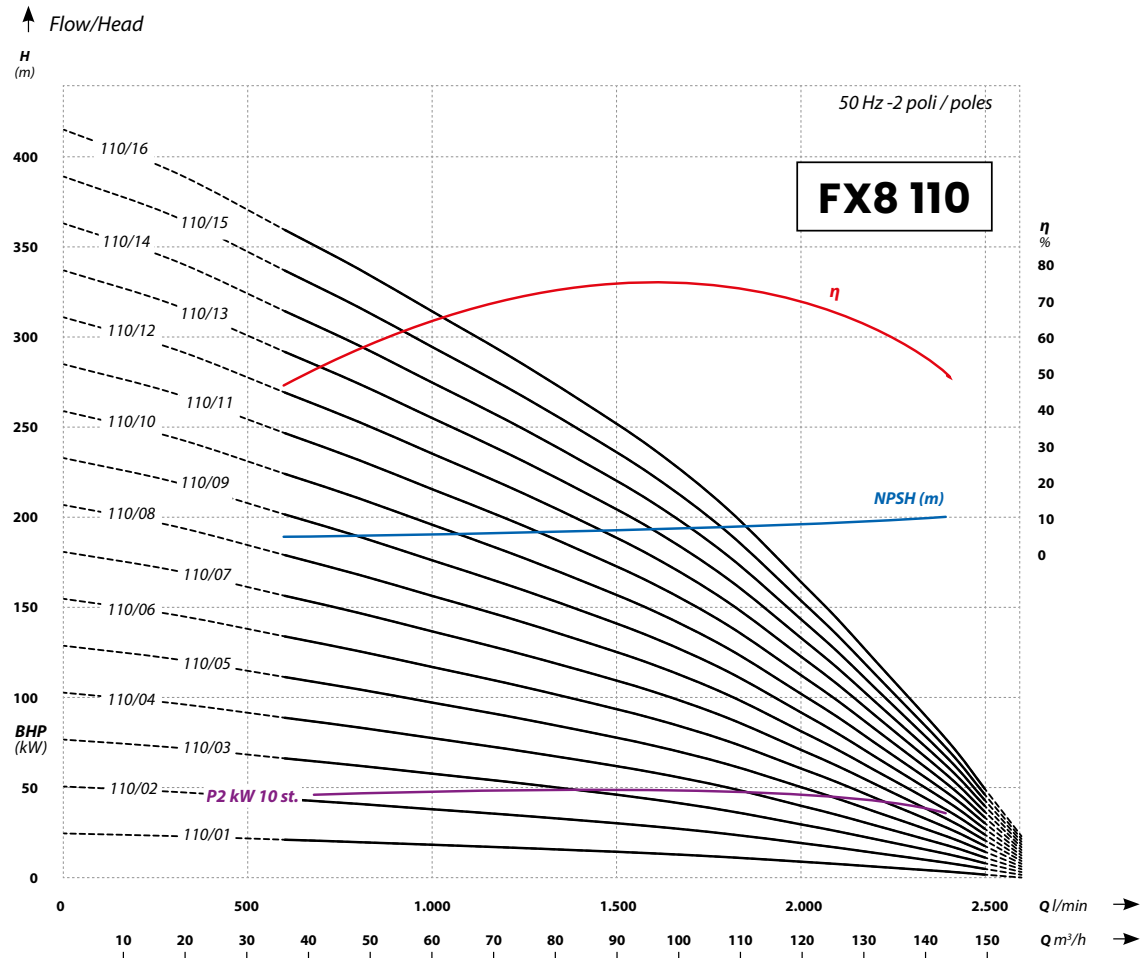


IBO ITALY FX6 cd.



| TYP | kW | Motor diameter | Length L(mm) | Weight (kg) | Amperage (A) | Q | | | | | | | | | | | | | | | | | | |
|-----------|------|----------------|--------------|-------------|--------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|--|--|
| | | | | | | m³/h | | | | | | | | | | | | | | | | | | |
| | | | | | | 0 | 30 | 33 | 36 | 39 | 42 | 45 | 48 | 51 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | | |
| FX6 65/02 | 4 | 6" | 1076 | 68 | 11 | 26 | 26 | 25 | 24 | 24 | 23 | 22 | 22 | 21 | 19 | 17 | 14 | 12 | 8 | 5 | 2 | 2 | | |
| FX6 65/03 | 7,5 | 6" | 1274 | 86 | 18 | 39 | 38 | 38 | 37 | 36 | 35 | 34 | 32 | 31 | 29 | 25 | 22 | 17 | 13 | 8 | 2 | 2 | | |
| FX6 65/04 | 9,2 | 6" | 1422 | 97 | 22 | 52 | 51 | 50 | 49 | 48 | 46 | 45 | 43 | 42 | 38 | 34 | 29 | 23 | 17 | 10 | 3 | 3 | | |
| FX6 65/05 | 11 | 6" | 1575 | 108 | 26 | 66 | 64 | 63 | 61 | 60 | 58 | 56 | 54 | 52 | 48 | 42 | 36 | 29 | 21 | 13 | 4 | 4 | | |
| FX6 65/06 | 13 | 6" | 1728 | 119 | 29 | 79 | 77 | 75 | 73 | 71 | 69 | 67 | 65 | 63 | 57 | 51 | 43 | 35 | 25 | 15 | 5 | 5 | | |
| FX6 65/07 | 15 | 6" | 1881 | 129 | 33 | 92 | 90 | 88 | 85 | 83 | 81 | 78 | 76 | 73 | 67 | 59 | 50 | 40 | 30 | 18 | 6 | 6 | | |
| FX6 65/08 | 18,5 | 6" | 2079,0 | 146,0 | 41,0 | 105 | 102 | 100 | 98 | 95 | 92 | 90 | 87 | 84 | 77 | 68 | 58 | 46 | 34 | 20 | 6 | 6 | | |
| FX6 65/10 | 22 | 6" | 2187,0 | 152,0 | 41,0 | 131 | 128 | 125 | 122 | 119 | 116 | 112 | 108 | 105 | 96 | 85 | 72 | 58 | 42 | 26 | 8 | 7 | | |
| FX6 65/12 | 26 | 6" | 2380 | 167 | 49 | 157 | 154 | 150 | 146 | 143 | 139 | 134 | 130 | 125 | 115 | 102 | 87 | 69 | 51 | 31 | 10 | 8 | | |
| FX6 65/14 | 30 | 6" | 2488 | 173 | 49 | 183 | 179 | 175 | 171 | 167 | 162 | 157 | 152 | 146 | 134 | 118 | 101 | 81 | 59 | 36 | 11 | 9 | | |
| FX6 65/15 | 37 | 6" | 2691 | 189 | 57 | 197 | 192 | 188 | 183 | 179 | 173 | 168 | 162 | 157 | 144 | 127 | 108 | 87 | 64 | 38 | 12 | 10 | | |
| FX6 65/17 | 37 | 6" | 2947 | 205 | 67 | 223 | 218 | 213 | 207 | 202 | 196 | 190 | 184 | 178 | 163 | 144 | 123 | 98 | 72 | 43 | 14 | 11 | | |
| FX6 65/19 | 45 | 6" | 3195 | 223 | 74 | 249 | 243 | 238 | 232 | 226 | 219 | 213 | 206 | 199 | 182 | 161 | 137 | 110 | 81 | 48 | 15 | 13 | | |
| FX6 65/21 | 45 | 6" | 3411 | 235 | 74 | 275 | 269 | 263 | 256 | 250 | 243 | 235 | 227 | 219 | 201 | 178 | 151 | 121 | 89 | 54 | 17 | 14 | | |







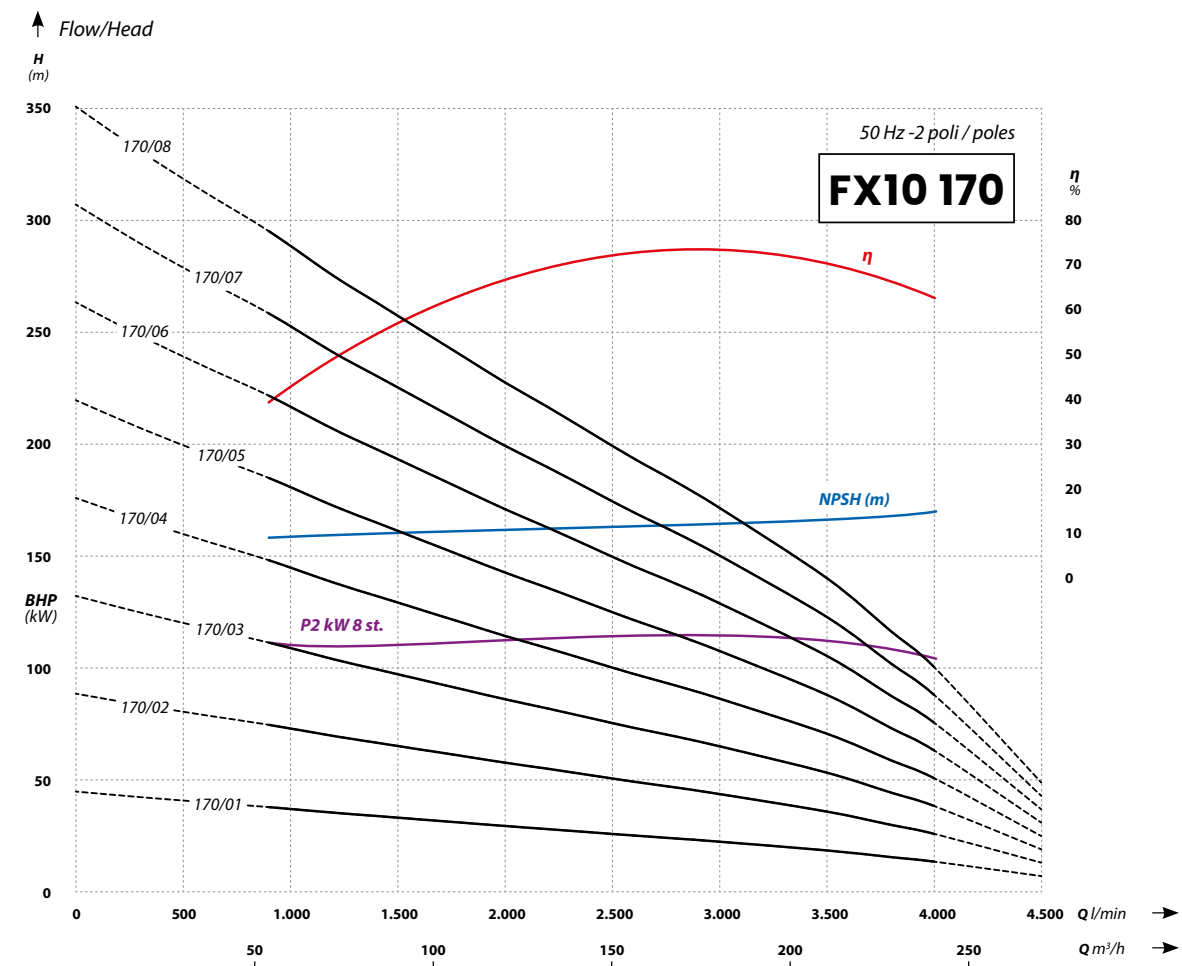
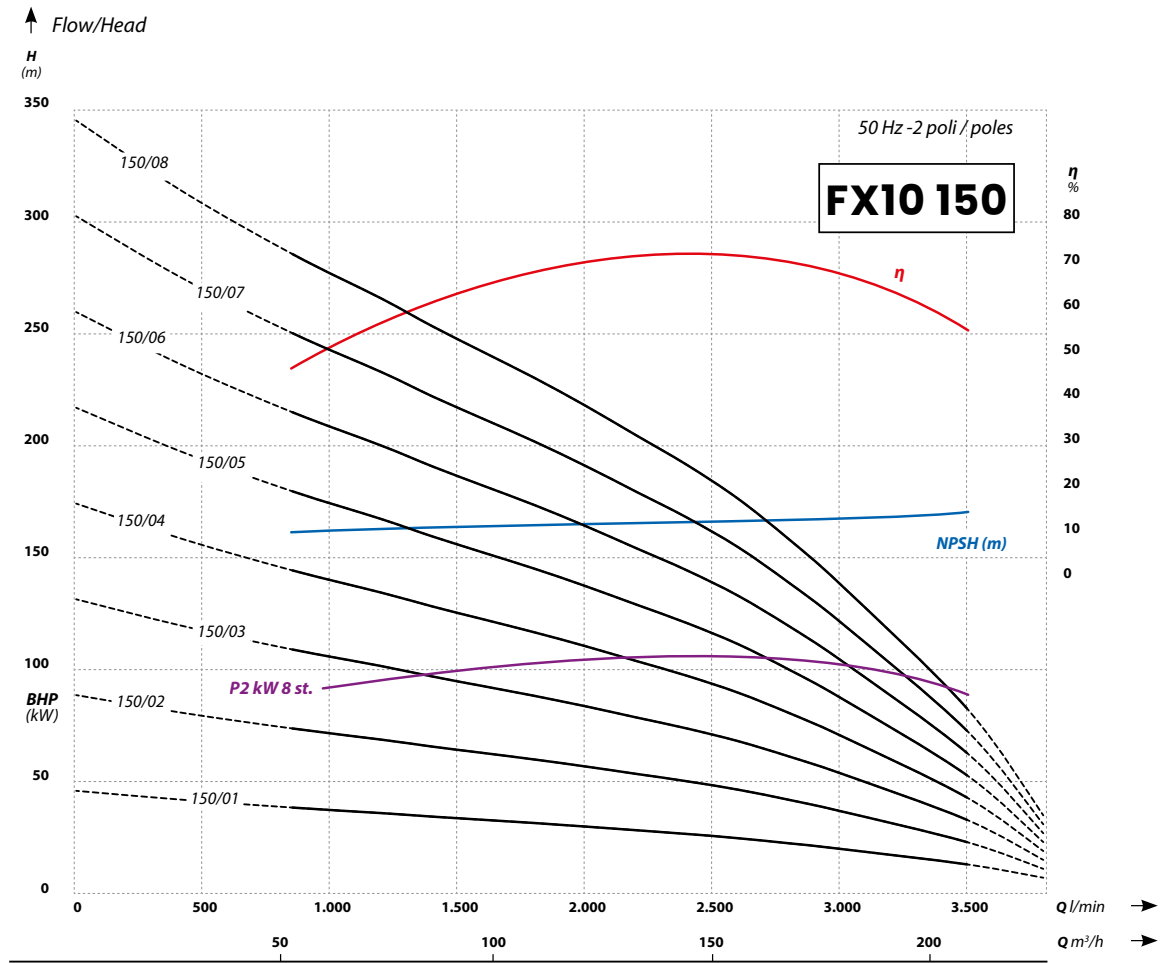
IBO ITALY FX" 10

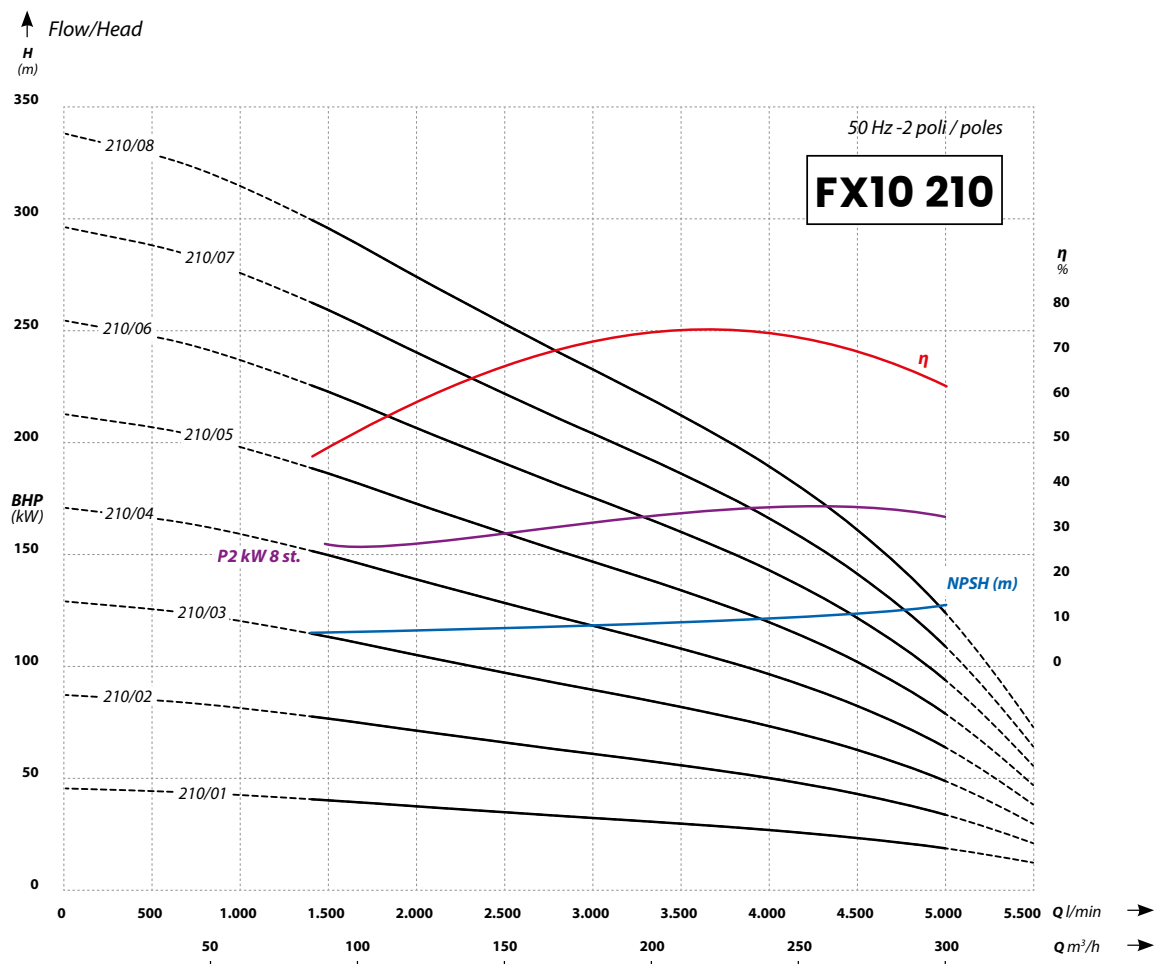
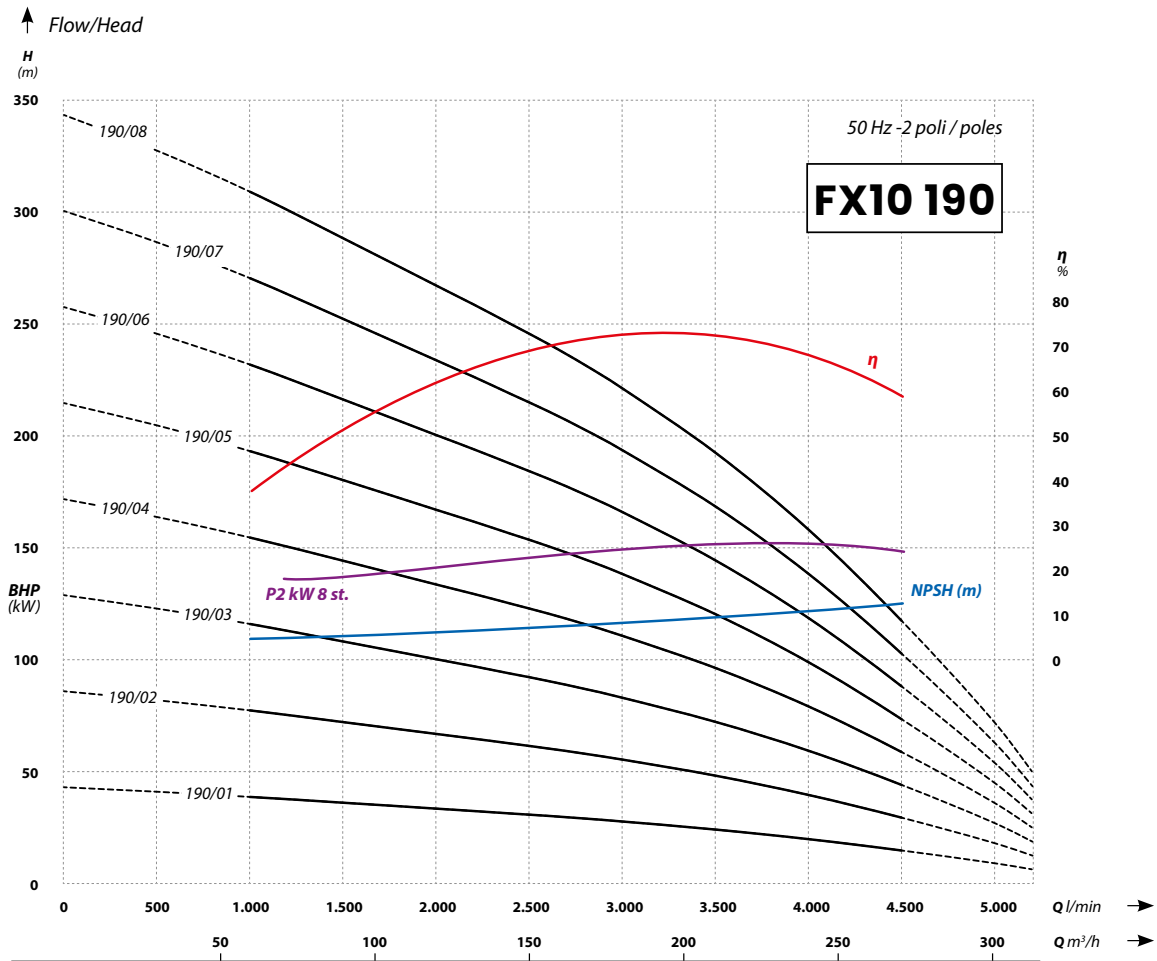
| TYP | Power (kW) | Power (hp) | Stages | Amperage (A) | Thrust load (N) | Motor diameter (inch) | Height L (mm) | Weight (kg) |
|-------------|------------|------------|--------|--------------|-----------------|-----------------------|---------------|-------------|
| FX10 150/01 | 13 | 17,5 | 1 | 30 | 5 590 | 6" | 870 | 59 |
| FX10 150/02 | 26 | 35 | 2 | 57 | 11 180 | 6" | 1 040 | 80 |
| FX10 150/03 | 45 | 60 | 3 | 87 | 16 770 | 8" | 1 210 | 101 |
| FX10 150/04 | 52 | 70 | 4 | 100 | 22 360 | 8" | 1 380 | 122 |
| FX10 150/05 | 67 | 90 | 5 | 130 | 27 950 | 8" | 1 550 | 143 |
| FX10 150/06 | 85 | 110 | 6 | 158 | 33 540 | 8" | 1 720 | 164 |
| FX10 150/07 | 92 | 125 | 7 | 184 | 39 130 | 8" | 1 890 | 185 |
| FX10 150/08 | 110 | 150 | 8 | 217 | 44 720 | 10" | 2 060 | 206 |
| FX10 170/01 | 15 | 20 | 1 | 34 | 5 720 | 6" | 870 | 59 |
| FX10 170/02 | 30 | 40 | 2 | 62 | 11 440 | 8" | 1 040 | 80 |
| FX10 170/03 | 45 | 60 | 3 | 87 | 17 160 | 8" | 1 210 | 101 |
| FX10 170/04 | 59 | 80 | 4 | 113 | 22 880 | 8" | 1 380 | 122 |
| FX10 170/05 | 75 | 100 | 5 | 143 | 28 600 | 8" | 1 550 | 143 |
| FX10 170/06 | 92 | 125 | 6 | 184 | 34 320 | 8" | 1 720 | 164 |
| FX10 170/07 | 110 | 150 | 7 | 217 | 40 040 | 10" | 1 890 | 185 |
| FX10 170/08 | 132 | 180 | 8 | 257 | 45 760 | 10" | 2 060 | 206 |
| FX10 190/01 | 18,5 | 25 | 1 | 41 | 5 590 | 6" | 870 | 59 |
| FX10 190/02 | 37 | 50 | 2 | 77 | 11 180 | 8" | 1 040 | 80 |
| FX10 190/03 | 59 | 80 | 3 | 113 | 16 770 | 8" | 1 210 | 101 |
| FX10 190/04 | 81 | 110 | 4 | 158 | 22 360 | 8" | 1 380 | 122 |
| FX10 190/05 | 110 | 150 | 5 | 217 | 27 950 | 10" | 1 550 | 143 |
| FX10 190/06 | 132 | 180 | 6 | 257 | 33 540 | 10" | 1 720 | 164 |
| FX10 190/07 | 132 | 180 | 7 | 257 | 39 130 | 10" | 1 890 | 185 |
| FX10 190/08 | 170 | 230 | 8 | 348 | 44 720 | 10" | 2 060 | 206 |
| FX10 210/01 | 22 | 30 | 1 | 57 | 5 525 | 6" | 870 | 59 |
| FX10 210/02 | 45 | 60 | 2 | 87 | 11 050 | 8" | 1 040 | 80 |
| FX10 210/03 | 67 | 90 | 3 | 130 | 16 575 | 8" | 1 210 | 101 |
| FX10 210/04 | 92 | 125 | 4 | 184 | 22 100 | 8" | 1 380 | 122 |
| FX10 210/05 | 110 | 150 | 5 | 217 | 27 625 | 10" | 1 550 | 143 |
| FX10 210/06 | 132 | 180 | 6 | 257 | 33 150 | 10" | 1 720 | 164 |
| FX10 210/07 | 147 | 200 | 7 | 300 | 38 675 | 10" | 1 890 | 185 |
| FX10 210/08 | 184 | 250 | 8 | 405 | 44 200 | 10" | 2 060 | 206 |



IBO ITALY FX" 10 cd.

| TYP | HP | kW | m³/h | | | | | | | | | | | | | | | | | |
|-------------|------|-----|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| | | | 0 | 72 | 84 | 96 | 108 | 120 | 132 | 144 | 156 | 168 | 180 | 210 | 240 | 270 | 300 | 330 | | |
| | | | l/min | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 | 2600 | 2800 | 3000 | 3500 | 4000 | 4500 | 5000 | 5500 | | |
| | | | l/sec | | | | | | | | | | | | | | | | | |
| | | | 0 | 20,0 | 23,3 | 26,7 | 30,0 | 33,3 | 36,7 | 40,0 | 43,3 | 46,7 | 50,0 | 58,3 | 66,7 | 75,0 | 83,3 | 91,7 | | |
| FX10 150/01 | 17,5 | 13 | 43 | 33 | 31 | 30 | 29 | 27 | 25 | 24 | 22 | 20 | 17 | 10 | | | | | | |
| FX10 150/02 | 35 | 13 | 86 | 66 | 63 | 60 | 57 | 54 | 51 | 47 | 44 | 39 | 34 | 20 | | | | | | |
| FX10 150/03 | 60 | 13 | 129 | 99 | 94 | 90 | 86 | 81 | 76 | 71 | 65 | 59 | 51 | 30 | | | | | | |
| FX10 150/04 | 70 | 13 | 172 | 132 | 126 | 120 | 114 | 108 | 101 | 95 | 87 | 78 | 68 | 40 | | | | | | |
| FX10 150/05 | 90 | 13 | 215 | 165 | 157 | 150 | 143 | 135 | 127 | 118 | 109 | 98 | 85 | 50 | | | | | | |
| FX10 150/06 | 110 | 13 | 258 | 198 | 189 | 180 | 171 | 162 | 152 | 142 | 131 | 117 | 102 | 60 | | | | | | |
| FX10 150/07 | 125 | 13 | 301 | 231 | 220 | 210 | 200 | 189 | 177 | 166 | 152 | 137 | 119 | 70 | | | | | | |
| FX10 150/08 | 150 | 13 | 344 | 264 | 252 | 240 | 228 | 216 | 203 | 189 | 174 | 156 | 136 | 80 | 10 | 6 | | | | |
| FX10 170/01 | 20 | 13 | 44 | | | 32 | 30 | 29 | 27 | 26 | 24 | 23 | 21 | 18 | 13 | 6 | | | | |
| FX10 170/02 | 40 | 13 | 88 | | | 63 | 60 | 57 | 54 | 51 | 48 | 46 | 43 | 35 | 25 | 12 | | | | |
| FX10 170/03 | 60 | 13 | 132 | | | 95 | 90 | 86 | 81 | 77 | 73 | 69 | 64 | 53 | 38 | 18 | | | | |
| FX10 170/04 | 80 | 13 | 176 | | | 126 | 120 | 114 | 108 | 103 | 97 | 92 | 86 | 70 | 50 | 24 | | | | |
| FX10 170/05 | 100 | 13 | 220 | | | 158 | 150 | 143 | 136 | 128 | 121 | 114 | 107 | 88 | 63 | 30 | | | | |
| FX10 170/06 | 125 | 13 | 264 | | | 189 | 180 | 171 | 163 | 154 | 145 | 137 | 129 | 105 | 75 | 36 | | | | |
| FX10 170/07 | | 13 | 308 | | | 221 | 210 | 200 | 190 | 180 | 170 | 160 | 150 | 123 | 88 | 42 | | | | |
| FX10 170/08 | 180 | 13 | 352 | | | 252 | 240 | 228 | 217 | 205 | 194 | 183 | 172 | 140 | 100 | 48 | 9 | | | |
| FX10 190/01 | 25 | 13 | 43 | | | | | 33 | 32 | 31 | 30 | 29 | 28 | 24 | 20 | 15 | 9 | | | |
| FX10 190/02 | 50 | 13 | 86 | | | | | 67 | 65 | 63 | 60 | 58 | 55 | 48 | 40 | 29 | 18 | | | |
| FX10 190/03 | 80 | 13 | 129 | | | | | 100 | 97 | 94 | 91 | 87 | 83 | 72 | 59 | 44 | 27 | | | |
| FX10 190/04 | 110 | 13 | 172 | | | | | 134 | 130 | 125 | 121 | 116 | 111 | 96 | 79 | 59 | 36 | | | |
| FX10 190/05 | 150 | 13 | 215 | | | | | 167 | 162 | 157 | 151 | 145 | 139 | 121 | 99 | 74 | 45 | | | |
| FX10 190/06 | 180 | 13 | 258 | | | | | 201 | 194 | 188 | 181 | 174 | 166 | 145 | 119 | 88 | 54 | | | |
| FX10 190/07 | 180 | 13 | 301 | | | | | 234 | 227 | 219 | 211 | 203 | 194 | 169 | 139 | 103 | 63 | 9 | | |
| FX10 190/08 | 230 | 13 | 344 | | | | | 268 | 259 | 250 | 242 | 232 | 222 | 193 | 158 | 118 | 72 | 18 | | |
| FX10 210/01 | 30 | 13 | 43 | | | | | | | 32 | 31 | 30 | 29 | 27 | 24 | 20 | 15 | 9 | | |
| FX10 210/02 | 60 | 13 | 85 | | | | | | | 64 | 62 | 60 | 58 | 53 | 47 | 40 | 31 | 18 | | |
| FX10 210/03 | 90 | 13 | 128 | | | | | | | 97 | 93 | 90 | 87 | 80 | 71 | 60 | 46 | 26 | | |
| FX10 210/04 | 125 | 13 | 170 | | | | | | | 129 | 124 | 120 | 116 | 106 | 94 | 80 | 61 | 35 | | |
| FX10 210/05 | 150 | 13 | 213 | | | | | | | 161 | 156 | 151 | 146 | 133 | 118 | 100 | 77 | 44 | | |
| FX10 210/06 | 180 | 13 | 255 | | | | | | | 193 | 187 | 181 | 175 | 159 | 142 | 120 | 92 | 53 | | |
| FX10 210/07 | 200 | 13 | 298 | | | | | | | 225 | 218 | 211 | 204 | 186 | 165 | 140 | 107 | 62 | | |
| FX10 210/08 | 250 | 184 | 340 | | | | | | | 258 | 249 | 241 | 233 | 212 | 189 | 160 | 122 | 70 | | |







IBO 3" | 4" | 6"

Oil motors

High quality 3" Italian oil motors for submersible pumps. High-quality original Italian materials, demanding tests at every stage of production and the expertise of Italian engineers ensure high mechanical resistance and very good electrical properties of the product. Durable construction allows you to work for a long time without any maintenance.

Characteristics:

- Made in NEMA standard
- Top quality materials
- Long trouble-free operation
- Possibility of cooperation with the inverter
- Possibility of connecting a cable of a certain length (in multiples of 5 m)
- Starting box (230 V version) with built-in protection
- overcurrent and capacitor
- Thermal protection built into the motor winding (230 V version)
- Warranty 24 months
- Warranty and post-warranty service

Operating conditions:

- Maximum liquid temperature: 35°C
- Power supply: 230 V or 400 V
- Insulation class: F
- Working mode: continuous
- Security: IP68
- Power cable length: 1.5 m
- Working position: vertical/horizontal
- number of starts per hour: 30
- immersion depth: 200m
- Min. water flow around the motor: 0.15 m/s
- Rotational speed of the electric motor: 2850 RPM

Materials:

- Coolant: biodegradable oil, non-toxic
- Motor housing: AISI 304 stainless steel
- Shaft: AISI 304 stainless steel
- Mechanical gland: graphite/ceramic

| NaME | Power (kW) | Voltage (V/Hz) | Thrust load (N) | Weight (kg) | Amperage (A) |
|---------|------------|---------------------------|-----------------|-------------|--------------|
| 3" 0,55 | 0,55 | 1 ~ 230/50 | 1000 | 8 | 4,2 |
| 3" 0,75 | 0,75 | 1 ~ 230/50 | 1500 | 8,5 | 5,4 |
| 3" 1,1 | 1,1 | 1 ~ 230/50 | 1500 | 9,5 | 7,7 |
| 4" 0,75 | 0,75 | 1 ~ 230/50 lub 3 ~ 400/50 | 1500 | 9,5 | 6,5/3,1 |
| 4" 1,1 | 1,1 | 1 ~ 230/50 lub 3 ~ 400/50 | 1500 | 10,8 | 8,5/4,0 |
| 4" 1,5 | 1,5 | 1 ~ 230/50 lub 3 ~ 400/50 | 1500 | 12,5 | 10,5/5,0 |
| 4" 2,2 | 2,2 | 1 ~ 230/50 lub 3 ~ 400/50 | 1500 | 13,9 | 15,5/6,3 |
| 4" 3 | 3 | 3 ~ 400/50 | 2500 | 14,8 | 7,2 |
| 4" 4 | 4 | 3 ~ 400/50 | 2500 | 18 | 9,2 |
| 4" 5,5 | 5,5 | 3 ~ 400/50 | 2500 | 22 | 12,9 |
| 4" 7,5 | 7,5 | 3 ~ 400/50 | 2500 | 28 | 18,5 |
| 6" 7,5 | 7,5 | 3 ~ 400/50 | 5500 | 38 | 17,5 |
| 6" 9,2 | 9,2 | 3 ~ 400/50 | 5500 | 42 | 21,5 |
| 6" 11 | 11 | 3 ~ 400/50 | 10000 | 47 | 24,5 |
| 6" 13 | 13 | 3 ~ 400/50 | 10000 | 52 | 27,5 |
| 6" 15 | 15 | 3 ~ 400/50 | 10000 | 58 | 31,5 |

Depending on the production batch, the device parameters may differ from the data provided in the table





3
YEARS
WARRANTY

4IOM ITALY – OIL

4"
Italian deep well motors

High quality 4" Italian oil motors for submersible pumps. High-quality original Italian materials, demanding tests at every stage of production and the expertise of Italian engineers ensure high mechanical resistance and very good electrical properties of the product. Durable construction allows you to work for a long time without any maintenance.

Characteristics:

- Made in NEMA standard
- Top quality materials
- Long trouble-free operation
- Possibility of cooperation with the inverter
- Possibility of connecting a cable of a certain length (in multiples of 5 m)
- Starting box (230 V version) with built-in protection
- overcurrent and capacitor
- Thermal protection built into the motor winding (230 V version)
- Warranty 36 months
- Warranty and post-warranty service

Operating conditions:

- Maximum liquid temperature: 35°C
- Power supply: 230 V or 400 V
- Insulation class: F
- Working mode: continuous
- Security: IP68
- Power cable length: 1.5 m
- Working position: vertical/horizontal
- number of starts per hour: 30
- immersion depth: 20 0m
- Min. water flow around the motor: 0.15 m/s
- Rotational speed of the electric motor: 2850 RPM

Materials:

- Coolant: biodegradable oil, non-toxic
- Motor housing: AISI 304 stainless steel
- Shaft: AISI 304 stainless steel
- Mechanical gland: graphite/ceramic



| Name | Power (kW) | Voltage (V/Hz) | Thrust load (N) | Height (mm) | Weight (kg) | Amperage [A] 230V/400V | |
|----------------|------------|------------------------------|-----------------|-------------|-------------|---------------------------|------|
| 4 IOM-S/T 050 | 0,37 | 1 ~ 230/50 lub 3 ~ 400/50 | 2000 | 311,3 | 6,45 | 3,6 | 1,8 |
| 4 IOM-S/T 075 | 0,55 | 1 ~ 230/50 lub 3 ~ 400/50 | 2000 | 331,3 | 7,2 | 4,7 | 2 |
| 4 IOM-S/T 100 | 0,75 | 1 ~ 230/50 lub 3 ~ 400/50 | 2000 | 356,3 | 8,45 | 5,9 | 2,5 |
| 4 IOM-S/T 150 | 1,1 | 1 ~ 230/50 lub 3 ~ 400/50 | 2000 | 386,3/371,1 | 10,2/9,35 | 8,3 | 3,4 |
| 4 IOM-S/T 200 | 1,5 | 1 ~ 230/50 lub 3 ~ 400/50 | 2000 | 436,3/386,3 | 11,65 | 10,7 | 4,8 |
| 4 IOM-S/T 300* | 2,2 | 1 ~ 230/50 lub 3 ~ 400/50 | 2000 | 481,3/436,3 | 14,9/11,65 | 15,2 | 6,1 |
| 4 IOM-S/T 400 | 3 | 3 ~ 400/50 | 3000 | 481,3 | 14,9 | - | 7,1 |
| 4 IOM-S/T 550 | 4 | 3 ~ 400/50 | 5000 | 609,5 | 20,05 | - | 9,2 |
| 4 IOM-S/T 750 | 5,5 | 3 ~ 400/50 | 5000 | 699,5 | 24,65 | - | 11,7 |
| 4 IOM-S/T 1000 | 7,5 | 3 ~ 400/50 | 5000 | 799,5 | 28,95 | - | 16,4 |

6IOM IBO ITALY - OIL

6" Italian deep well motors

High quality 6" Italian oil motors for submersible pumps. High-quality original Italian materials, demanding tests at every stage of production and the expertise of Italian engineers ensure high mechanical resistance and very good electrical properties of the product. Durable construction allows you to work for a long time without any maintenance.

Characteristics:

- Made in NEMA standard
- Top quality materials
- Long trouble-free operation
- Possibility of cooperation with the inverter
- Possibility of connecting a cable of a certain length (in multiples of 5 m)
- Warranty 36 months
- Warranty and post-warranty service

Materials:

- Coolant: biodegradable oil, non-toxic
- Motor housing: AISI 304 stainless steel
- Shaft: AISI 304 stainless steel
- Mechanical gland: graphite/ceramic

Operating conditions:

- Maximum liquid temperature: 35°C
- Power supply: 230 V or 400 V
- Insulation class: F
- Working mode: continuous
- Security: IP68
- Power cable length: 1.5 m
- Working position: vertical/horizontal
- number of starts per hour: 30
- immersion depth: 20.0m
- Min. water flow around the motor: 0.15 m/s
- Rotational speed of the electric motor: 2850 RPM



Upon request, 6" 6IOM motors are also available as Y-Δ versions

| Name | Power (kW) | Voltage (V/Hz) | Thrust load (N) | Height (mm) | Weight (kg) | Amperage I _n (A) | η% | RPM | cos φ | Cord diameter (mm) | Cord length (m) |
|------------|------------|----------------|-----------------|-------------|-------------|-----------------------------|----|------|-------|--------------------|-----------------|
| 6 IOM-750 | 5,5 | 3 ~ 400/50 | 10000 | 698 | 41 | 9,1 | 74 | 2840 | 0,86 | 4 × 4 | 3 |
| 6 IOM-1000 | 7,5 | 3 ~ 400/50 | 10000 | 733 | 46 | 12,8 | 78 | 2850 | 0,83 | 4 × 4 | 3 |
| 6 IOM-1250 | 9,2 | 3 ~ 400/50 | 10000 | 773 | 48 | 16,8 | 81 | 2880 | 0,77 | 4 × 4 | 3 |
| 6 IOM-1500 | 11 | 3 ~ 400/50 | 10000 | 832 | 52 | 21,2 | 85 | 2850 | 0,82 | 4 × 4 | 3 |
| 6 IOM-1750 | 13 | 3 ~ 400/50 | 10000 | 893 | 57 | 22,9 | 84 | 2860 | 0,80 | 4 × 4 | 3 |
| 6 IOM-2000 | 15 | 3 ~ 400/50 | 10000 | 893 | 64 | 27,6 | 82 | 2840 | 0,86 | 4 × 8 | 4 |
| 6 IOM-2500 | 18,5 | 3 ~ 400/50 | 20000 | 956 | 64 | 30,7 | 84 | 2850 | 0,84 | 4 × 8 | 4 |
| 6 IOM-3000 | 22 | 3 ~ 400/50 | 20000 | 1023 | 79 | 38 | 84 | 2850 | 0,83 | 4 × 8 | 4 |
| 6 IOM-3500 | 26 | 3 ~ 400/50 | 20000 | 1091 | 79 | 52 | 85 | 2850 | 0,85 | 4 × 8 | 3 |
| 6 IOM-4000 | 30 | 3 ~ 400/50 | 20000 | 1171 | 87 | 61,5 | 85 | 2860 | 0,83 | 4 × 8 | 4 |
| 6 IOM-5000 | 37 | 3 ~ 400/50 | 20000 | 1306 | 99 | 76 | 84 | 2840 | 0,84 | 4 × 8 | 4 |

6IMW IBO ITALY

6" Water-cooled motors

High-quality 6" Italian water-cooled submersible pump motors. High-quality original Italian materials, demanding tests at every stage of production and the expertise of Italian engineers ensure high mechanical resistance and very good electrical properties of the product. Durable construction allows you to work for a long time without any maintenance.

Characteristics:

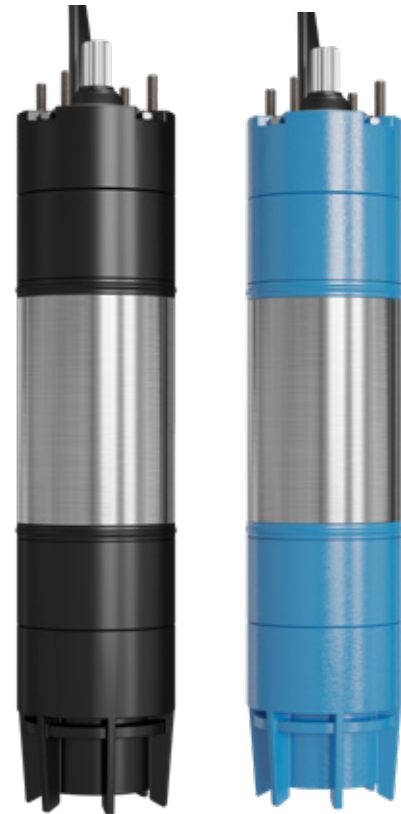
- Made in NEMA standard
- Top quality materials
- Long trouble-free operation
- Possibility of cooperation with the inverter
- Possibility of connecting a cable of a certain length (in multiples of 5m)
- Warranty 24 months
- Warranty and post-warranty service

Operating conditions:

- Maximum liquid temperature: 35°C
- Power supply: 400V
- Insulation class: F
- Working mode: continuous
- Security: IP68
- Power cable length: 1.5 m
- Working position: vertical/horizontal
- number of starts per hour: 20
- immersion depth: 150 m
- Min. water flow around the motor: 0.5 m/s
- Rotational speed of the electric motor: 2850 RPM

Materials:

- Cooling medium: water
- Motor housing: AISI 304 stainless steel
- Shaft: AISI 304 stainless steel
- Mechanical gland: silicon carbide/carbon



| Name | Power (kW) | I _n (A) | Height (mm) | Weight (kg) | Temperature max. water (C°) | Max. number of starts /h | Thrust load (N) | cos φ | η% |
|-----------|------------|--------------------|-------------|-------------|-----------------------------|--------------------------|-----------------|-------|----|
| 6IWM-550 | 5,5 | 10 | 565 | 41 | 30 | 12 | 25000 | 80 | 79 |
| 6IWM-750 | 7,5 | 12,5 | 590 | 44 | | | | 81,5 | 80 |
| 6IWM-1000 | 10 | 17 | 620 | 48 | | | | 81,5 | 81 |
| 6IWM-1250 | 12,5 | 21 | 670 | 53 | | | | 82 | 82 |
| 6IWM-1500 | 15 | 24,5 | 730 | 60 | | | | 82 | 83 |
| 6IWM-1750 | 17,5 | 28 | 760 | 63 | | | | 82,5 | 84 |
| 6IWM-2000 | 20 | 32 | 850 | 72 | | | | 83 | 84 |
| 6IMW-2500 | 25 | 40 | 910 | 78 | | | | 83,5 | 84 |
| 6IWM-3000 | 30 | 47,5 | 990 | 88 | | | | 83,5 | 85 |
| 6IWM-3500 | 35 | 55 | 1100 | 100 | | | | 30 | 10 |
| 6IMW-4000 | 40 | 62,5 | 1170 | 107 | 85 | 85,5 | | | |
| 6IWM-5000 | 50 | 78 | 1260 | 115 | 85 | 85 | | | |

8IWM ITALY

8" Water-cooled motors

High-quality 8" Italian water-cooled submersible pump motors. High-quality original Italian materials, demanding tests at every stage of production and the expertise of Italian engineers ensure high mechanical resistance and very good electrical properties of the product. Durable construction allows you to work for a long time without any maintenance.

Cechy:

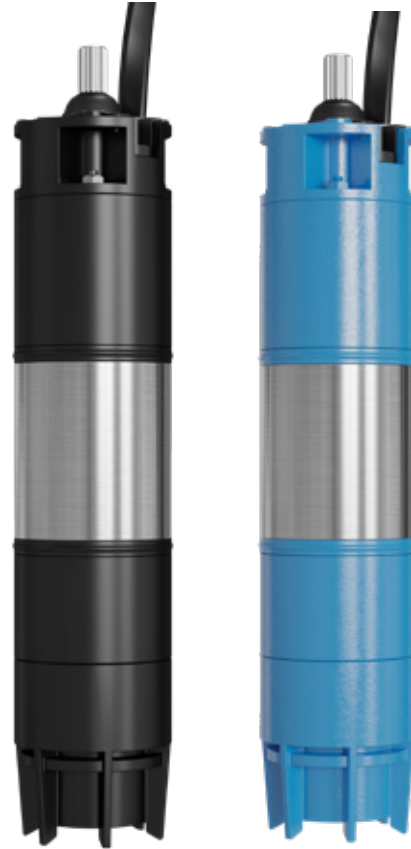
- Made in NEMA standard
- Top quality materials
- Long trouble-free operation
- Possibility of cooperation with the inverter
- Possibility of connecting a cable of a certain length (in multiples of 5m)
- Warranty 24 months
- Warranty and post-warranty service

Operating conditions:

- Maximum liquid temperature: 35°C
- Power supply: 400V
- Insulation class: Y
- Working mode: continuous
- Security: IP68
- Power cable length: 4 m
- Working position: vertical/horizontal
- number of starts per hour: 7
- immersion depth: 150 m
- Min. water flow around the motor: 0.5 m/s
- Rotational speed of the electric motor: 2850 RPM

Materials:

- Cooling medium: water
- Motor housing: AISI 304 stainless steel
- Shaft: AISI 304 stainless steel
- Mechanical gland: silicon carbide/carbon



| Name | Power (HP) | Power (kW) | Voltage (V) | Thrust load (N) | Height (mm) | Weight (kg) | Amperage I _n (A) | RPM | cos φ | η% | Cord diameter (mm) | Cord length (m) |
|----------|------------|------------|-------------|-----------------|-------------|-------------|-----------------------------|------|-------|----|--------------------|-----------------|
| 8IMW 30 | 30 | 22 | 3~400 | 38.000 | 861 | 121 | 48 | 2900 | 0,85 | 81 | 3 × 4 | 4 |
| 8IMW 40 | 40 | 30 | | 38.000 | 1.075 | 142 | 62 | 2925 | 0,85 | 85 | 3 × 10 | 4 |
| 8IMW 50 | 50 | 37 | | 38.000 | 1.102 | 148 | 77 | 2900 | 0,86 | 85 | 3 × 10 | 4 |
| 8IMW 60 | 60 | 45 | | 38.000 | 1.160 | 159 | 87 | 2900 | 0,87 | 85 | 3 × 10 | 4 |
| 8IMW 70 | 70 | 52 | | 38.000 | 1.152 | 178 | 100 | 2915 | 0,86 | 86 | 3 × 16 | 4 |
| 8IMW 75 | 75 | 55 | | 38.000 | 1.282 | 183 | 110 | 2910 | 0,87 | 86 | 3 × 16 | 4 |
| 8IMW 80 | 80 | 60 | | 38.000 | 1.315 | 188 | 113 | 2915 | 0,88 | 86 | 3 × 16 | 4 |
| 8IMW 90 | 90 | 66 | | 45.000 | 1.393 | 203 | 130 | 2910 | 0,87 | 86 | 3 × 25 | 4 |
| 8IMW 100 | 100 | 75 | | 45.000 | 1.464 | 217 | 143 | 2910 | 0,87 | 86 | 3 × 25 | 4 |
| 8IMW 110 | 110 | 81 | | 45.000 | 1.535 | 232 | 158 | 2915 | 0,86 | 88 | 3 × 25 | 4 |
| 8IMW 125 | 125 | 92 | | 45.000 | 1.650 | 256 | 184 | 2930 | 0,85 | 86 | 3 × 25 | 4 |
| 8IMW 150 | 150 | 110 | | 45.000 | 1.845 | 295 | 212 | 2845 | 0,87 | 89 | 3 × 35 | 4 |

10IWM ITALY

10"
Water-cooled motors

High-quality 10" Italian water-cooled submersible pump motors. High-quality original Italian materials, demanding tests at every stage of production and the expertise of Italian engineers ensure high mechanical resistance and very good electrical properties of the product. Durable construction allows you to work for a long time without any maintenance.

Cechy:

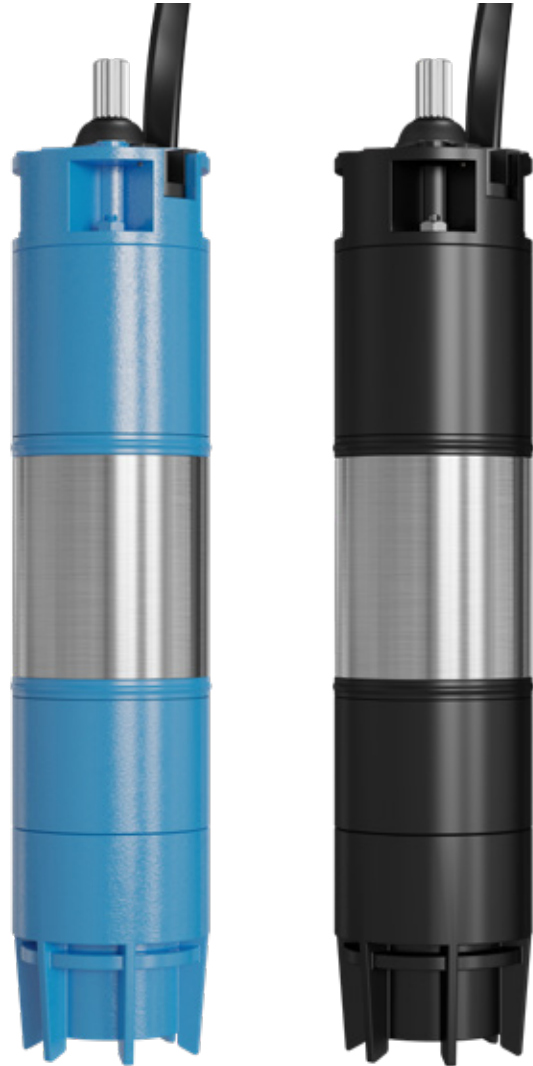
- Made in NEMA standard
- Top quality materials
- Long trouble-free operation
- Possibility of cooperation with the inverter
- Possibility of connecting a cable of a certain length (in multiples of 5m)
- Warranty 24 months
- Warranty and post-warranty service

Operating conditions:

- Maximum liquid temperature: 25°C
- Power supply: 400 V
- Insulation class: Y
- Tryb pracy: ciągły
- Security: IP68
- Power cable length: 5 m
- Working position: vertical/horizontal
- number of starts per hour: 5
- immersion depth: 150 m
- Min. water flow around the motor: 0.5 m/s
- Rotational speed of the electric motor: 2850 RPM

Materials:

- Cooling medium: water
- Motor housing: AISI 304 stainless steel
- Shaft: AISI 304 stainless steel
- Mechanical gland: silicon carbide/carbon



| Name | Power (HP) | Power (kW) | Voltage (V) | Thrust load (N) | Height (mm) | Weight (kg) | Amperage I _n (A) | RPM | cos φ | η% | Cord diameter (mm) | Cord length (m) |
|-------------|------------|------------|---------------|-----------------|-------------|-------------|-----------------------------|------|-------|----|--------------------|-----------------|
| FME 10 125T | 125 | 92 | 3 ~ 400/50 | 60000 | 1316 | 285 | 181 | 2910 | 0,84 | 84 | 3 × 35 | 5 |
| FME 10 150T | 150 | 110 | | 60000 | 1446 | 330 | 220 | 2915 | 0,87 | 85 | 3 × 35 | 5 |
| FME 10 180T | 180 | 132 | | 60000 | 1546 | 365 | 265 | 2920 | 0,85 | 85 | 3 × 50 | 5 |
| FME 10 200T | 200 | 147 | | 60000 | 1682 | 400 | 300 | 2925 | 0,86 | 86 | 3 × 50 | 5 |
| FME 10 250T | 250 | 185 | | 60000 | 1880 | 460 | 370 | 2930 | 0,85 | 86 | 3 × 50 | 5 |