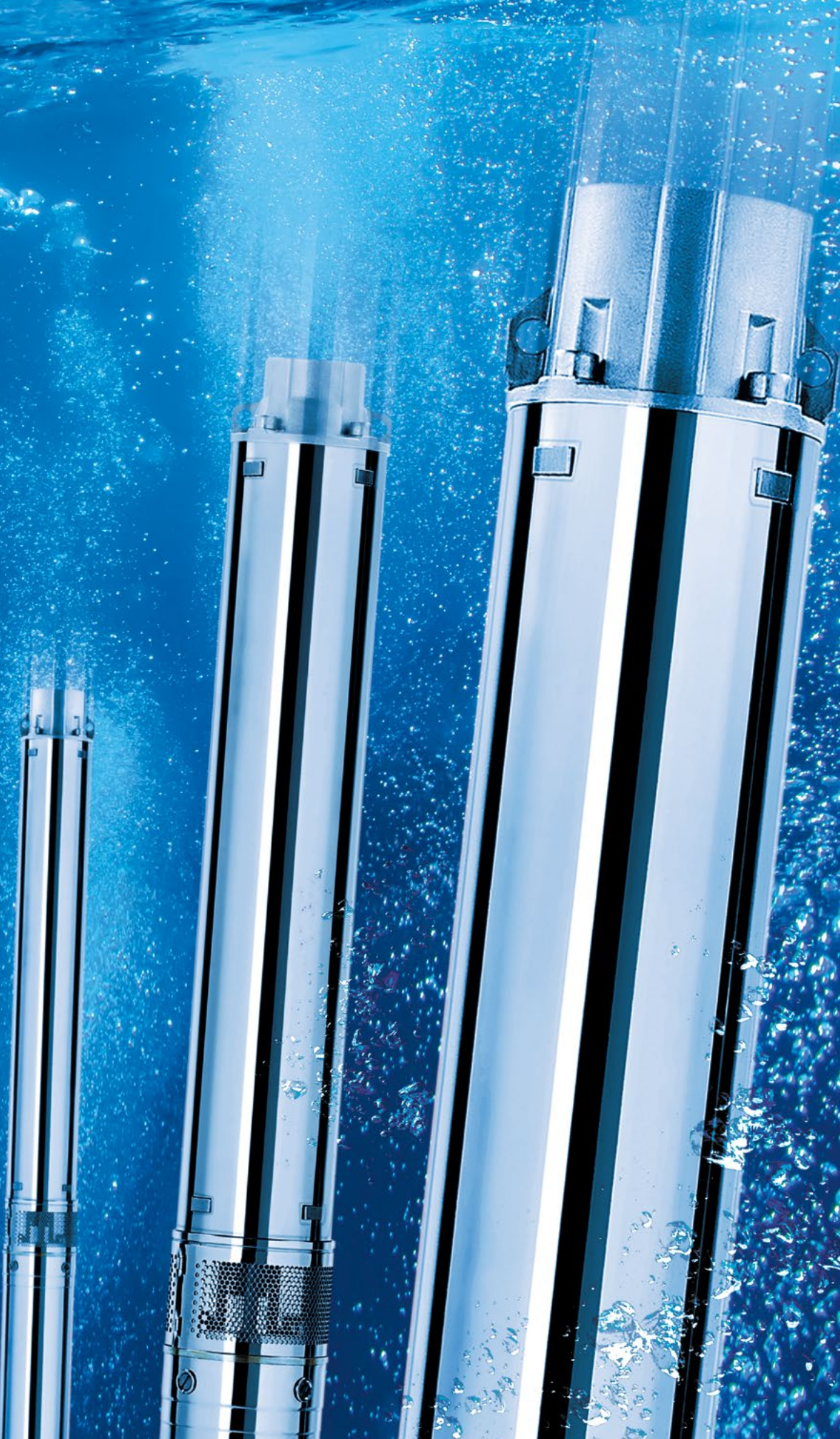


IDROSOM 4"



Electric submersible pumps IDROSOM

for 4" boreholes



APPLICATION

To pump water from boreholes

To pressurize civil, agricultural, industrial and fire-fighting plants

Irrigation

CONSTRUCTION

Eco-friendly design for water pumps. The submersible pumps Idrosom /60 and /100 successfully comply with the parameters of efficiency approved by the European commission on best technology available on the market (MEI Index $\geq 0,7$)

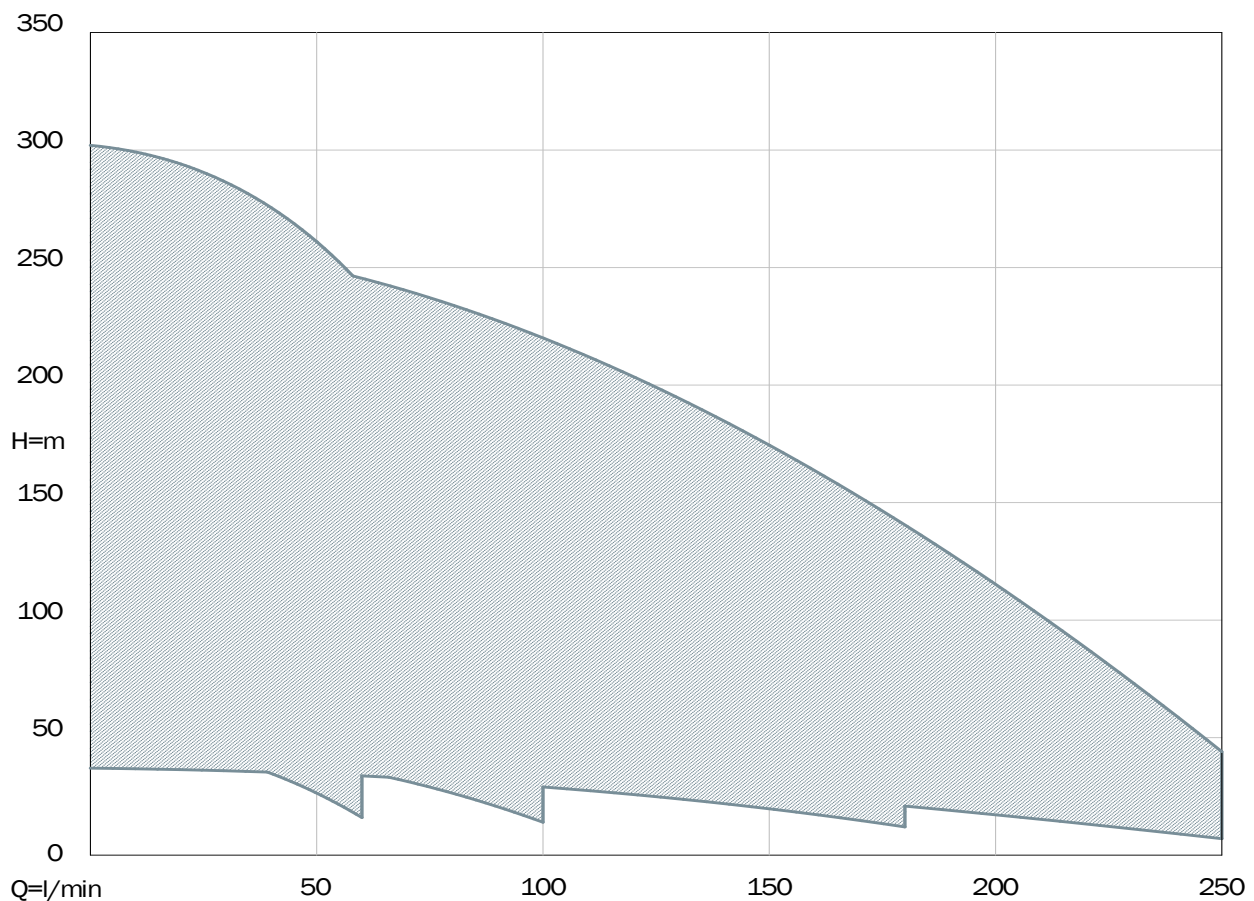
Coolant filled, asynchronous, rewindable electric AC motor with short circuit rotor. Insulation Class F

Resin-insulated cable kit to prevent penetration of water inside the motor ("S" series motors)

Shafts machined on ball bearings and mechanical seals location

Both shaft and coupling meet NEMA standards

APPLICATION RANGE



Electric submersible pumps IDROSOM

for 4" boreholes



ErP Directive

Eco-friendly design for water pumps. The submersible pumps Idrosom /60 and /100 successfully comply with the parameters of efficiency approved by the European commission on best technology available on the market (MEI Index $\geq 0,7$).



APPLICATION FEATURES - PUMP END

| | IDROSOM | | | |
|--|---------|--------|--------|--------|
| | /60 | /100 | /180 | /250 |
| Minimum depth of the liquid to be pumped (m) | 0,8 | | | |
| Maximum temperature of the water to be pumped (°C) | 60 | | | |
| PH of the liquid pumped | 6 - 10 | | | |
| Maximum sand content (g/m ³) | 150 | | | |
| Suitable to operate horizontally (included) | 23/60 | 18/100 | 17/180 | 12/250 |

MATERIALS - PUMP END

| | IDROSOM | | | |
|-------------------------|--|------|------|------|
| | /60 | /100 | /180 | /250 |
| Head and suction body | Stainless Steel AISI304 | | | |
| Casing, bolts and nuts | Stainless Steel AISI304 | | | |
| Shaft | Stainless Steel AISI304 | | | |
| Coupling | Stainless Steel AISI316 | | | |
| Impellers and diffusers | Noryl® reinforced with fibre-glass, certified for drinking water | | | |
| Top bearing | Rubber with rotating element in Stainless Steel AISI316 | | | |

APPLICATION FEATURES - MOTOR

| | MOTOR | |
|--|---------------------------|-------------|
| | 4" S series | 4" E series |
| IP rating | IP68 | |
| Duty | Continuous S1 | |
| Maximum immersion depth (m) | 150 | |
| Maximum number of starts per hour | 30 | |
| Maximum temperature of the water pumped (°C) | 35 | |
| PH of the liquid pumped | 6 - 10 | |
| Suitable for inverter drive | Three-phase versions only | |
| Suitable to operate horizontally (Included) | 5,5 hp | |




MATERIALS - MOTOR

| | MOTOR | |
|-----------------|-------------------------|--|
| | 4" S series | 4" E series |
| Casing | Stainless steel AISI304 | |
| Shaft terminal | Stainless steel AISI303 | Stainless steel AISI304 |
| Upper body | Brass OT58 | Nickel plated cast iron, with protection Stainless steel AISI304 |
| Elastomers | NBR Rubber | |
| Mechanical seal | Graphite and alumina | |
| Cable | PVC | ACS Cross-linked rubber |

Electric submersible pumps IDROSOM

for 4" boreholes

PERFORMANCE DATA - PUMP ENDS - 2 poles 50 Hz

| Radial impeller  | P2 | | DNM | Q | Flow | | | | | | | | | | | | | | | | |
|---|------|------|-----|-------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|-----|----|
| | hp | kW | | m ³ /h | 0 | 0,6 | 1,2 | 1,8 | 2,4 | 3 | 3,6 | 4,5 | 6 | 7,2 | 8,4 | 9,6 | 10,8 | 12 | 13,5 | 15 | |
| | | | | l/min | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 75 | 100 | 120 | 140 | 160 | 180 | 200 | 225 | 250 | |
| SERIES 60 | | | | | | | | | | | | | | | | | | | | | |
| IDROSOM 8/60 | 0,5 | 0,37 | 1"½ | H (m) | 49 | 48 | 45 | 41 | 35 | 27 | 16 | | | | | | | | | | |
| IDROSOM 12/60 | 0,75 | 0,55 | 1"½ | | 74 | 73 | 69 | 62 | 52 | 40 | 24 | | | | | | | | | | |
| IDROSOM 15/60 | 1 | 0,75 | 1"½ | | 92 | 90 | 85 | 78 | 66 | 50 | 30 | | | | | | | | | | |
| IDROSOM 23/60 | 1,5 | 1,1 | 1"½ | | 140 | 137 | 130 | 119 | 101 | 77 | 45 | | | | | | | | | | |
| IDROSOM 30/60 | 2 | 1,5 | 1"½ | | 184 | 179 | 169 | 155 | 132 | 100 | 59 | | | | | | | | | | |
| IDROSOM 43/60 | 3 | 2,2 | 1"½ | | 263 | 257 | 243 | 222 | 189 | 144 | 84 | | | | | | | | | | |
| SERIES 100 | | | | | | | | | | | | | | | | | | | | | |
| IDROSOM 7/100 | 0,75 | 0,55 | 1"½ | H (m) | 45 | | 44 | 43 | 41 | 39 | 36 | 29 | 14 | | | | | | | | |
| IDROSOM 9/100 | 1 | 0,75 | 1"½ | | 57 | | 55 | 54 | 53 | 50 | 46 | 38 | 18 | | | | | | | | |
| IDROSOM 14/100 | 1,5 | 1,1 | 1"½ | | 88 | | 86 | 85 | 82 | 78 | 72 | 60 | 28 | | | | | | | | |
| IDROSOM 18/100 | 2 | 1,5 | 1"½ | | 113 | | 110 | 107 | 104 | 99 | 91 | 76 | 36 | | | | | | | | |
| IDROSOM 27/100 | 3 | 2,2 | 1"½ | | 170 | | 167 | 163 | 156 | 148 | 137 | 112 | 53 | | | | | | | | |
| IDROSOM 36/100 | 4 | 3 | 1"½ | | 226 | | 220 | 215 | 208 | 197 | 182 | 151 | 71 | | | | | | | | |
| IDROSOM 48/100 | 5,5 | 4 | 1"½ | | 302 | | 295 | 288 | 277 | 261 | 242 | 200 | 96 | | | | | | | | |
| SERIES 180 | | | | | | | | | | | | | | | | | | | | | |
| IDROSOM 6/180 | 1 | 0,75 | 2" | H (m) | 37 | | | | | | | 32 | 29 | 26 | 22 | 17 | 12 | | | | |
| IDROSOM 9/180 | 1,5 | 1,1 | 2" | | 55 | | | | | | | | 48 | 44 | 38 | 32 | 26 | 18 | | | |
| IDROSOM 12/180 | 2 | 1,5 | 2" | | 74 | | | | | | | | 64 | 58 | 51 | 43 | 34 | 23 | | | |
| IDROSOM 17/180 | 3 | 2,2 | 2" | | 104 | | | | | | | | 91 | 82 | 72 | 61 | 48 | 33 | | | |
| IDROSOM 24/180 | 4 | 3 | 2" | | 147 | | | | | | | | 128 | 116 | 102 | 86 | 68 | 46 | | | |
| IDROSOM 31/180 | 5,5 | 4 | 2" | | 190 | | | | | | | | 165 | 149 | 131 | 111 | 87 | 59 | | | |
| IDROSOM 42/180 | 7,5 | 5,5 | 2" | | 257 | | | | | | | | 223 | 202 | 177 | 150 | 118 | 80 | | | |
| SERIES 250 | | | | | | | | | | | | | | | | | | | | | |
| IDROSOM 6/250 | 1,5 | 1,1 | 2" | H (m) | 40 | | | | | | | 35 | 33 | 32 | 29 | 26 | 23 | 19 | 14 | 7 | |
| IDROSOM 8/250 | 2 | 1,5 | 2" | | 53 | | | | | | | | 47 | 44 | 42 | 39 | 35 | 30 | 25 | 18 | 9 |
| IDROSOM 12/250 | 3 | 2,2 | 2" | | 79 | | | | | | | | 70 | 66 | 63 | 58 | 52 | 45 | 38 | 27 | 14 |
| IDROSOM 17/250 | 4 | 3 | 2" | | 112 | | | | | | | | 99 | 94 | 89 | 82 | 74 | 64 | 54 | 39 | 19 |
| IDROSOM 22/250 | 5,5 | 4 | 2" | | 145 | | | | | | | | 129 | 122 | 115 | 106 | 95 | 82 | 69 | 50 | 25 |
| IDROSOM 30/250 | 7,5 | 5,5 | 2" | | 197 | | | | | | | | 175 | 165 | 156 | 144 | 129 | 112 | 94 | 68 | 33 |
| IDROSOM 40/250 | 10 | 7,5 | 2" | | 262 | | | | | | | | 233 | 220 | 208 | 192 | 172 | 149 | 125 | 90 | 44 |

Motor and pump end can be supplied coupled exclusively with "S" series motors


PERFORMANCE DATA - MOTORS - 2 poles 50 Hz

| Code | Voltage | Number of phases | Capacitor | P2 | | Axial load | Rotation | Nominal current | Start current | Start Torque | Efficiency % | Power factor | Size of cable | Length of cable |
|--|---------|------------------|-----------|------|------|-------------------|----------|-----------------|----------------|----------------|----------------|-----------------|---------------|-----------------|
| | V | | | μF | hp | kW | F | η _N | I _N | I _A | M _A | η _N | | |
| | | | | | N | min ⁻¹ | A | A | Nm | | | mm ² | m | |
| "S" SERIES COOLANT FILLED SUBMERSIBLE MOTORS - for 4" boreholes | | | | | | | | | | | | | | |
| M4M05 | 230 | 1 | 20 | 0,5 | 0,37 | 2000 | 2870 | 3,6 | 12,5 | 1,1 | 52 | 0,89 | 4 x 1 | 2 |
| M4T05 | 400 | 3 | | | | | 2900 | 1,8 | 9 | 6,1 | 57 | 0,5 | | |
| M4M075 | 230 | 1 | 20 | 0,75 | 0,55 | 2000 | 2800 | 4,4 | 12,5 | 1,1 | 60 | 0,93 | 4 x 1 | 2 |
| M4T075 | 400 | 3 | | | | | 2850 | 2 | 9 | 6,1 | 64 | 0,7 | | |
| M4M10 | 230 | 1 | 25 | 1 | 0,75 | 2000 | 2810 | 6 | 17,4 | 1,42 | 59 | 0,93 | 4 x 1 | 2 |
| M4T10 | 400 | 3 | | | | | 2805 | 2,3 | 9 | 6,1 | 66 | 0,75 | | |
| M4M15 | 230 | 1 | 31,5 | 1,5 | 1,1 | 2000 | 2800 | 8 | 22,9 | 2,2 | 65 | 0,92 | 4 x 1 | 2 |
| M4T15 | 400 | 3 | | | | | 2800 | 3,2 | 12,8 | 12,1 | 68 | 0,74 | | |
| M4M20 | 230 | 1 | 40 | 2 | 1,5 | 2000 | 2820 | 11 | 37,4 | 2,3 | 67 | 0,9 | 4 x 1,5 | 2 |
| M4T20 | 400 | 3 | | | | | 2815 | 4,2 | 13,6 | 16,3 | 71 | 0,76 | 4 x 1 | |
| M4M30/2 | 230 | 1 | 55 | 3 | 2,2 | 2000 | 2830 | 15,7 | 48 | 3,3 | 68 | 0,91 | 4 x 1,5 | 2 |
| M4M30H | 230 | 1 | | | | | 4500 | | | | | | | |
| M4T30 | 400 | 3 | | | | | 2800 | 5,7 | 28 | 23,9 | 72 | 0,78 | 4 x 1 | |
| M4T30H | 400 | 3 | | | | | 5000 | | | | | | | |
| M4T40 | 400 | 3 | | 4 | 3 | 5000 | 2815 | 8 | 35,2 | 27,9 | 72 | 0,73 | 4 x 1 | 2 |
| M4T55 | 400 | 3 | | 5,5 | 4 | 5000 | 2860 | 10 | 51,7 | 37,2 | 78 | 0,75 | 4 x 1,5 | 2 |
| M4T75 | 400 | 3 | | 7,5 | 5,5 | 5000 | 2840 | 12,5 | 67 | 48 | 80 | 0,85 | 4 x 1,5 | 4 |
| M4T100 | 400 | 3 | | 10 | 7,5 | 5000 | 2850 | 16,7 | 91 | 66,5 | 80 | 0,8 | 4 x 1,5 | 4 |
| "E" SERIES COOLANT FILLED SUBMERSIBLE MOTORS - for 4" boreholes | | | | | | | | | | | | | | |
| MYE4M075 | 230 | 1 | 25 | 0,75 | 0,55 | 2000 | 2810 | 4,7 | 16,5 | 1,3 | 57 | 0,88 | 4 x 1,5 | 1,7 |
| MYE4M10 | 230 | 1 | 35 | 1 | 0,75 | 2000 | 2825 | 5,9 | 18,9 | 1,72 | 62 | 0,9 | 4 x 1,5 | 1,7 |
| MYE4T10 | 400 | 3 | | | | | 2825 | 2,5 | 9,4 | 5,1 | 63 | 0,77 | | |
| MYE4M15 | 230 | 1 | 40 | 1,5 | 1,1 | 2000 | 2840 | 8,3 | 26,2 | 2,3 | 64 | 0,91 | 4 x 1,5 | 1,7 |
| MYE4T15 | 400 | 3 | | | | | 2825 | 3,4 | 15,5 | 9,64 | 68 | 0,69 | | |
| MYE4M20 | 230 | 1 | 60 | 2 | 1,5 | 2000 | 2845 | 10,7 | 35 | 3,27 | 66 | 0,93 | 4 x 1,5 | 1,7 |
| MYE4T20 | 400 | 3 | | | | | 2835 | 4,8 | 18 | 10 | 71 | 0,63 | | |

Electric submersible pumps IDROSOM series 60

for 4" boreholes

PERFORMANCE DATA - 2 poles 50 Hz

| Radial impeller  | Pump Code | Motor | | Version | | P2 | | A | Flow | | DNM | Dimensions (mm) | | | Cable m | Weight kg |
|---|-----------|----------|--------|---------|---------|------|------|------|--------------|----------------|-----|-----------------|-----|----|------------|--------------|
| | | Code | Series | | | hp | kW | | l/min | m | | A | B | C | | |
| IDROSOM 8/60 | P60/08 | M4M05 | S | 230 V | 1-phase | 0,5 | 0,37 | 3,6 | 10 - 30 - 60 | 48 - 41 - 16 | 1"½ | 746 | 346 | 95 | 2 | 12 |
| | | M4T05 | S | 400 V | 3-phase | | | 1,8 | | | | | | | | 12,1 |
| IDROSOM 12/60 | P60/12 | M4M075 | S | 230 V | 1-phase | 0,75 | 0,55 | 4,4 | 10 - 30 - 60 | 73 - 62 - 24 | 1"½ | 837 | 346 | 95 | 2 | 12,6 |
| | | MYE4M075 | E | | 1-phase | | | 4,7 | | | | | | | | 11,3 |
| | | M4T075 | S | 400 V | 3-phase | | | 2 | | | | | | | | 12,7 |
| IDROSOM 15/60 | P60/15 | M4M10 | S | 230 V | 1-phase | 1 | 0,75 | 6 | 10 - 30 - 60 | 90 - 78 - 30 | 1"½ | 935 | 376 | 95 | 2 | 14,4 |
| | | MYE4M10 | E | | 1-phase | | | 5,9 | | | | | | | | 12,9 |
| | | M4T10 | S | 400 V | 3-phase | | | 2,3 | | | | | | | | 13,1 |
| | | MYE4T10 | E | | 3-phase | | | 2,5 | | | | | | | | 12,9 |
| IDROSOM 23/60 | P60/23 | M4M15 | S | 230 V | 1-phase | 1,5 | 1,1 | 8 | 10 - 30 - 60 | 137 - 119 - 45 | 1"½ | 1145 | 406 | 95 | 2 | 16,9 |
| | | MYE4M15 | E | | 1-phase | | | 8,3 | | | | | | | | 15,9 |
| | | M4T15 | S | 400 V | 3-phase | | | 3,2 | | | | | | | | 15,5 |
| | | MYE4T15 | E | | 3-phase | | | 3,4 | | | | | | | | 15 |
| IDROSOM 30/60 | P60/30 | M4M20 | S | 230 V | 1-phase | 2 | 1,5 | 11 | 10 - 30 - 60 | 179 - 155 - 59 | 1"½ | 1396 | 456 | 95 | 2 | 20,4 |
| | | MYE4M20 | E | | 1-phase | | | 10,7 | | | | | | | | 18,6 |
| | | M4T20 | S | 400 V | 3-phase | | | 4,2 | | | | | | | | 18,1 |
| | | MYE4T20 | E | | 3-phase | | | 4,8 | | | | | | | | 17,2 |
| IDROSOM 43/60 | P60/43 | M4M30H | S | 230 V | 1-phase | 3 | 2,2 | 15,7 | 10 - 30 - 60 | 257 - 222 - 84 | 1"½ | 1782 | 506 | 95 | 2 | 24,5 |
| | | M4T30H | S | 400 V | 3-phase | | | 5,7 | | | | | | | | 25,5 |

Motor and pump end can be supplied coupled exclusively with "S" series motors



SUPPLIED WITH

Capacitor
(for single-phase versions, "S" series)



OPTIONS

10 meters cable

20 meters cable

30 meters cable



Available up to 1.1 kW single-phase and three-phase up to 3 kW

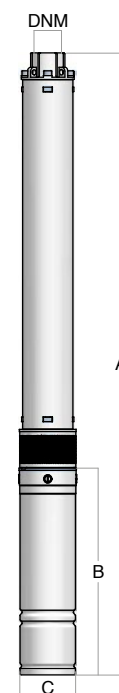
ACCESSORIES

Code

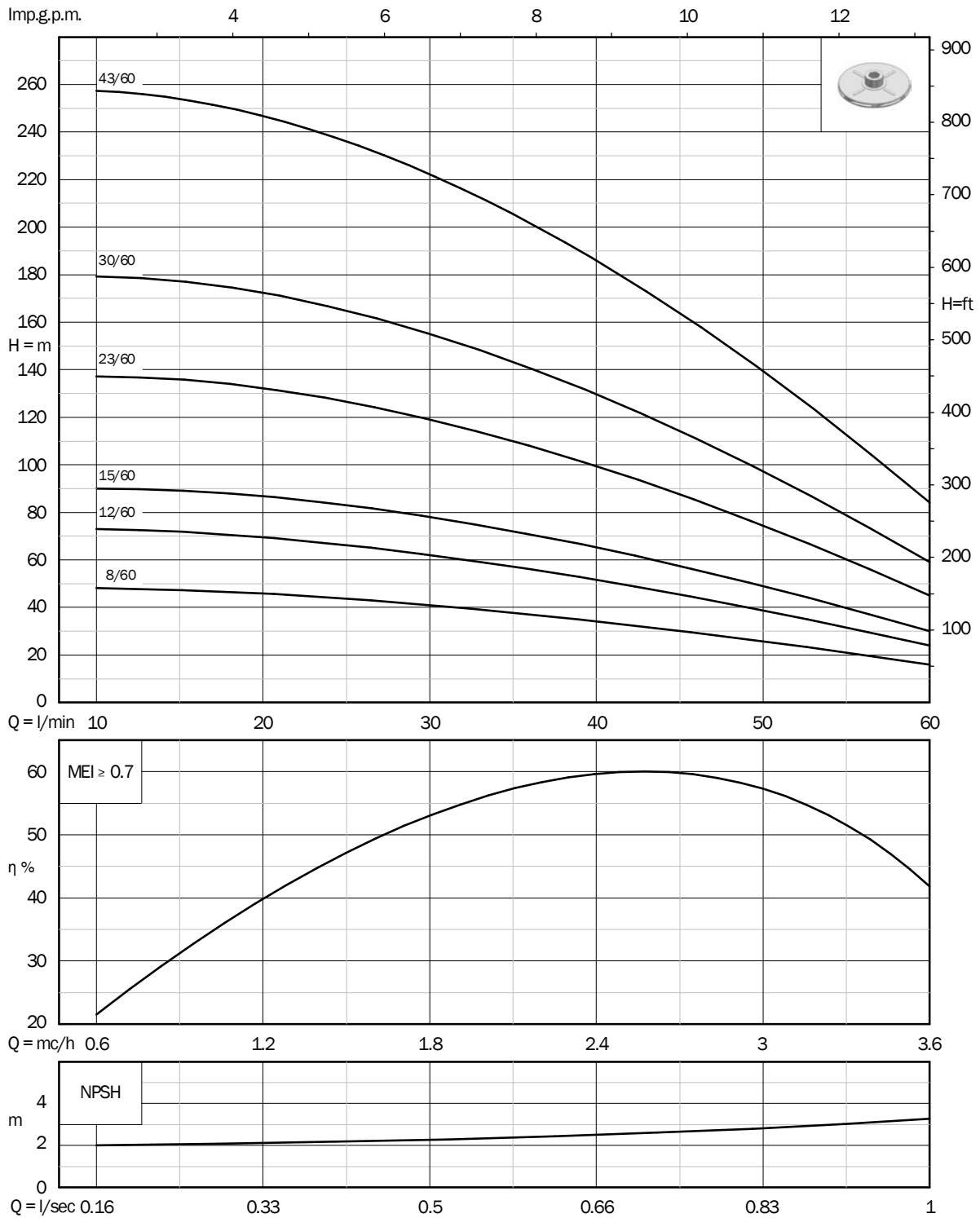
Description

05405031

Non-return threaded valve 1"½ GAS




PERFORMANCE CURVES - 2 poles 50 Hz



Electric submersible pumps IDROSOM series 100

for 4" boreholes

PERFORMANCE DATA - 2 poles 50 Hz

| Radial impeller  | Pump Code | Motor | | Version | | P2 | | A | Flow | | DNM | Dimensions (mm) | | | Cable | Weight | | | |
|---|-----------|----------|--------|---------|---------|------|------|-------|---------------|----------------|---------|-----------------|------|----|---------------|--------------|-----|------|------|
| | | Code | Series | | | hp | kW | | l/min | m | | A | B | C | | | | | |
| | | | | 230 V | 1-phase | | | 400 V | | | 3-phase | | | | 20 - 60 - 100 | 44 - 36 - 14 | 1"½ | 748 | 346 |
| IDROSOM 7/100 | P100/07 | M4M075 | S | 230 V | 1-phase | 0,75 | 0,55 | 4,4 | 20 - 60 - 100 | 44 - 36 - 14 | 1"½ | 748 | 346 | 95 | 2 | 11,9 | | | |
| | | MYE4M075 | E | | | | | | | | | 733 | 331 | | | | 1,7 | 10,6 | |
| | | M4T075 | S | 400 V | 3-phase | | | | | | | 2 | 748 | | | | 346 | 2 | 12 |
| IDROSOM 9/100 | P100/09 | M4M10 | S | 230 V | 1-phase | 1 | 0,75 | 6 | 20 - 60 - 100 | 55 - 46 - 18 | 1"½ | 830 | 376 | 95 | 2 | 13,6 | | | |
| | | MYE4M10 | E | | | | | | | | | 810 | 356 | | | | 1,7 | 12,1 | |
| | | M4T10 | S | 400 V | 3-phase | | | | | | | 2,3 | 800 | | | | 346 | 2 | 12,4 |
| | | MYE4T10 | E | | | | | | | | | 2,5 | 810 | | | | 356 | 1,7 | 12,2 |
| IDROSOM 14/100 | P100/14 | M4M15 | S | 230 V | 1-phase | 1,5 | 1,1 | 8 | 20 - 60 - 100 | 86 - 72 - 28 | 1"½ | 990 | 406 | 95 | 2 | 15,8 | | | |
| | | MYE4M15 | E | | | | | | | | | 8,3 | 970 | | | | 386 | 1,7 | 14,8 |
| | | M4T15 | S | 400 V | 3-phase | | | | | | | 3,2 | 960 | | | | 376 | 2 | 14,4 |
| | | MYE4T15 | E | | | | | | | | | 3,4 | 955 | | | | 371 | 1,7 | 13,9 |
| IDROSOM 18/100 | P100/18 | M4M20 | S | 230 V | 1-phase | 2 | 1,5 | 11 | 20 - 60 - 100 | 110 - 91 - 36 | 1"½ | 1144 | 456 | 95 | 2 | 18,6 | | | |
| | | MYE4M20 | E | | | | | | | | | 10,7 | 1124 | | | | 436 | 1,7 | 16,8 |
| | | M4T20 | S | 400 V | 3-phase | | | | | | | 4,2 | 1346 | | | | 406 | 2 | 16,4 |
| | | MYE4T20 | E | | | | | | | | | 4,8 | 1326 | | | | 386 | 1,7 | 15,5 |
| IDROSOM 27/100 | P100/27 | M4M30/2 | S | 230 V | 1-phase | 3 | 2,2 | 15,7 | 20 - 60 - 100 | 167 - 137 - 53 | 1"½ | 1470 | 506 | 95 | 2 | 23 | | | |
| | | M4T30 | S | 400 V | 3-phase | | | 5,7 | | | | 1420 | 456 | | | 20,3 | | | |
| IDROSOM 36/100 | P100/36 | M4T40 | S | 400 V | 3-phase | 4 | 3 | 8 | 20 - 60 - 100 | 220 - 182 - 71 | 1"½ | 1729 | 531 | 95 | 2 | 24,6 | | | |
| IDROSOM 48/100 | P100/48 | M4T55 | S | 400 V | 3-phase | 5,5 | 4 | 10 | 20 - 60 - 100 | 295 - 242 - 96 | 1"½ | 2167 | 587 | 95 | 2 | 30,4 | | | |

Motor and pump end can be supplied coupled exclusively with "S" series motors



SUPPLIED WITH

Capacitor
(for single-phase versions, "S" series)



OPTIONS

10 meters cable

20 meters cable

30 meters cable



Available up to 1.1 kW single-phase and three-phase up to 3 kW

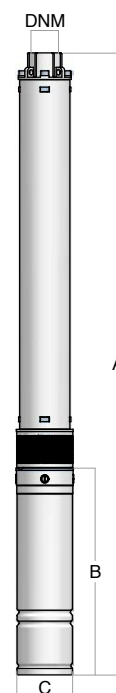
ACCESSORIES

Code

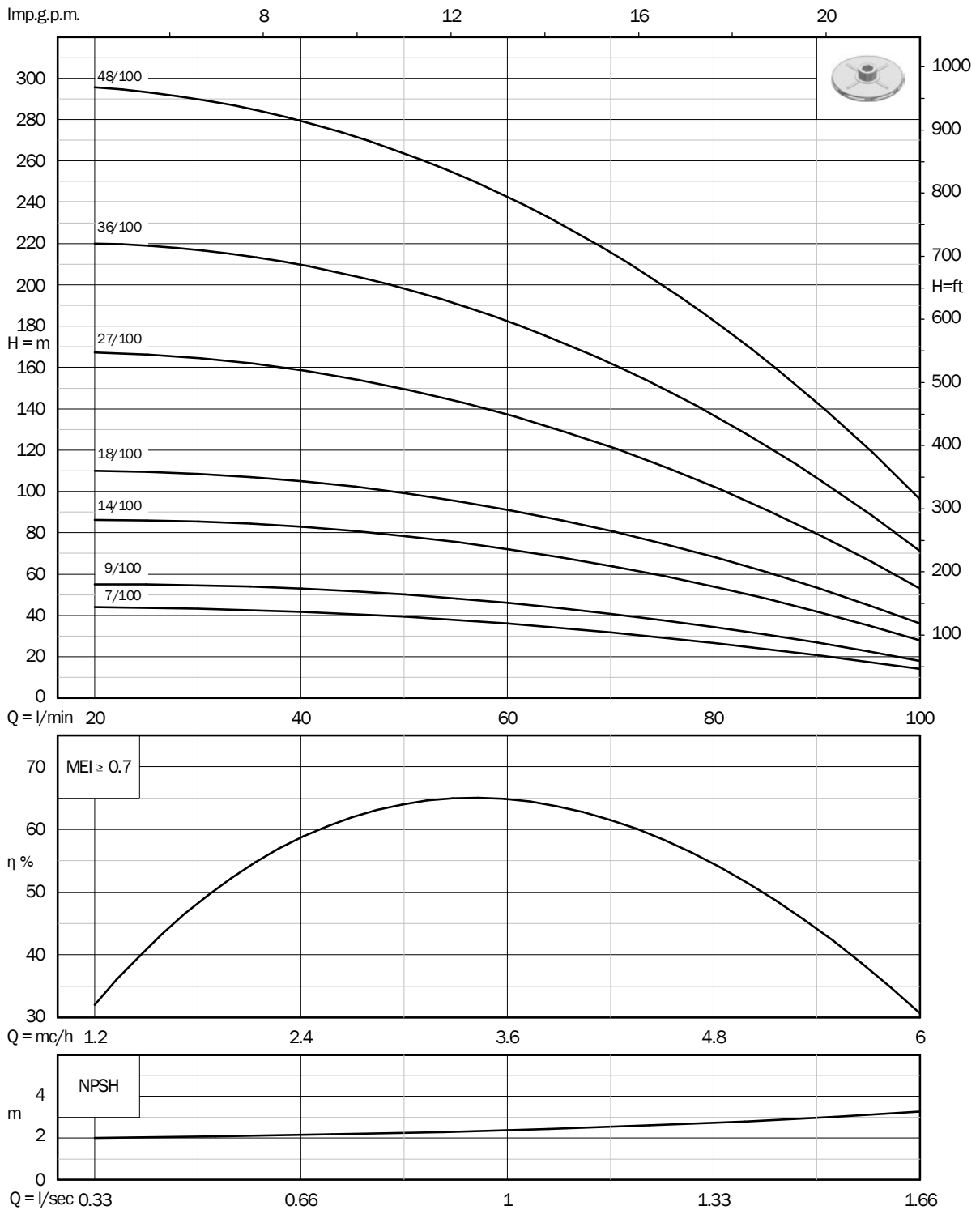
Description

05405031

Non-return threaded valve 1"½ GAS




PERFORMANCE CURVES - 2 poles 50 Hz



Electric submersible pumps IDROSOM series 180

for 4" boreholes

PERFORMANCE DATA - 2 poles 50 Hz

| Radial impeller  | Pump Code | Motor | | Versione | | P2 | | A | Flow | | DNM | Dimensions (mm) | | | Cable | Weight |
|---|-----------|---------|--------|----------|---------|-----|------|-------|----------------|----------------|---------|-----------------|-----|----|-------|--------|
| | | Code | Series | | | hp | kW | | l/min | m | | A | B | C | | |
| | | | | 230 V | 1-phase | | | 400 V | | | 3-phase | | | | | |
| IDROSOM 6/180 | P180/06/1 | M4M10 | S | 230 V | 1-phase | 1 | 0,75 | 6 | 75 - 120 - 180 | 32 - 26 - 12 | 2" | 817 | 376 | 95 | 2 | 13,5 |
| | | MYE4M10 | E | | | | | 5,9 | | | | 797 | 356 | | | |
| | | M4T10 | S | 400 V | 3-phase | | | 2,3 | | | | 787 | 346 | | | |
| | | MYE4T10 | E | | | | | 2,5 | | | | 797 | 356 | | | |
| IDROSOM 9/180 | P180/09/1 | M4M15 | S | 230 V | 1-phase | 1,5 | 1,1 | 8 | 75 - 120 - 180 | 48 - 38 - 18 | 2" | 951 | 406 | 95 | 2 | 15,5 |
| | | MYE4M15 | E | | | | | 8,3 | | | | 931 | 386 | | | |
| | | M4T15 | S | 400 V | 3-phase | | | 3,2 | | | | 921 | 376 | | | |
| | | MYE4T15 | E | | | | | 3,4 | | | | 916 | 371 | | | |
| IDROSOM 12/180 | P180/12/1 | M4M20 | S | 230 V | 1-phase | 2 | 1,5 | 11 | 75 - 120 - 180 | 64 - 51 - 23 | 2" | 1104 | 456 | 95 | 2 | 18,3 |
| | | MYE4M20 | E | | | | | 10,7 | | | | 1084 | 436 | | | |
| | | M4T20 | S | 400 V | 3-phase | | | 4,2 | | | | 1054 | 406 | | | |
| | | MYE4T20 | E | | | | | 4,8 | | | | 1034 | 386 | | | |
| IDROSOM 17/180 | P180/17/1 | M4M30/2 | S | 230 V | 1-phase | 3 | 2,2 | 15,7 | 75 - 120 - 180 | 91 - 72 - 33 | 2" | 1370 | 506 | 95 | 2 | 21,4 |
| | | M4T30 | S | 400 V | 3-phase | | | 5,7 | | | | 1320 | 456 | | | 19,7 |
| IDROSOM 24/180 | P180/24/1 | M4T40 | S | 400 V | 3-phase | 4 | 3 | 8 | 75 - 120 - 180 | 128 - 102 - 46 | 2" | 1637 | 531 | 95 | 2 | 23,7 |
| IDROSOM 31/180 | P180/31/1 | M4T55 | S | 400 V | 3-phase | 5,5 | 4 | 10 | 75 - 120 - 180 | 165 - 131 - 59 | 2" | 1978 | 587 | 95 | 2 | 29,4 |
| IDROSOM 42/180 | P180/42/1 | M4T75 | S | 400 V | 3-phase | 7,5 | 5,5 | 12,5 | 75 - 120 - 180 | 223 - 177 - 80 | 2" | 2448 | 677 | 95 | 4 | 36,4 |

Motor and pump end can be supplied coupled exclusively with "S" series motors



SUPPLIED WITH

Capacitor
(for single-phase versions, "S" series)



OPTIONS

10 meters cable

20 meters cable

30 meters cable



Available up to 1.1 kW single-phase and three-phase up to 3 kW

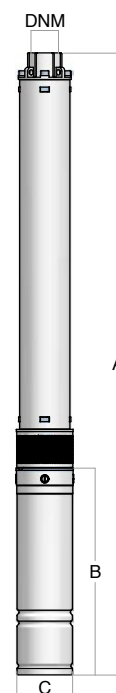
ACCESSORIES

Code

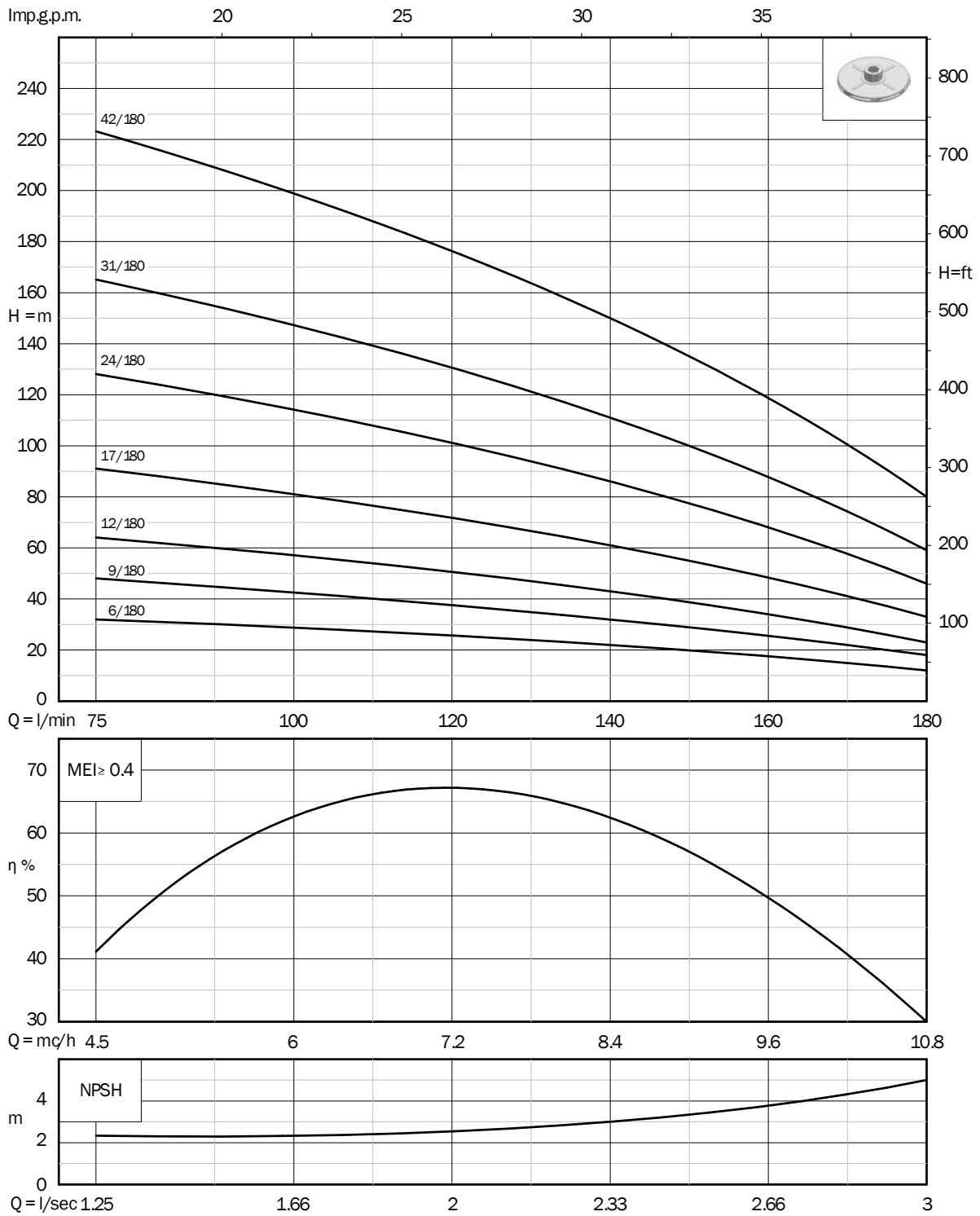
Description

05405035

Non-return threaded valve 2" GAS




PERFORMANCE CURVES - 2 poles 50 Hz



Electric submersible pumps IDROSOM series 250

for 4" boreholes

PERFORMANCE DATA - 2 poles 50 Hz

| Radial impeller  | Pump Code | Motor | | Version | | P2 | | A | Flow | | DNM | Dimensions (mm) | | | Cable m | Weight kg | | |
|---|-----------|---------|--------|---------|---------|-----|-----|------|----------------|----------------|-----|-----------------|-----|----|------------|--------------|-----|------|
| | | Code | Series | | | hp | kW | | l/min | m | | A | B | C | | | | |
| IDROSOM 6/250 | P250/06 | M4M15 | S | 230 V | 1-phase | 1,5 | 1,1 | 8 | 75 - 160 - 250 | 35 - 26 - 7 | 2" | 876 | 406 | 95 | 2 | 15 | | |
| | | MYE4M15 | E | | | | | 8,3 | | | | 856 | 386 | | | | 1,7 | 14 |
| | | M4T15 | S | 400 V | 3-phase | | | 3,2 | | | | 846 | 376 | | | | 2 | 13,6 |
| | | MYE4T15 | E | | | | | 3,4 | | | | 841 | 371 | | | | 1,7 | 13,1 |
| IDROSOM 8/250 | P250/08 | M4M20 | S | 230 V | 1-phase | 2 | 1,5 | 11 | 75 - 160 - 250 | 47 - 35 - 9 | 2" | 1005 | 456 | 95 | 2 | 17,7 | | |
| | | MYE4M20 | E | | | | | 10,7 | | | | 985 | 436 | | | | 1,7 | 15,9 |
| | | M4T20 | S | 400 V | 3-phase | | | 4,2 | | | | 955 | 406 | | | | 2 | 15,4 |
| | | MYE4T20 | E | | | | | 4,8 | | | | 935 | 386 | | | | 1,7 | 14,5 |
| IDROSOM 12/250 | P250/12 | M4M30/2 | S | 230 V | 1-phase | 3 | 2,2 | 15,7 | 75 - 160 - 250 | 70 - 52 - 14 | 2" | 1213 | 506 | 95 | 2 | 20,2 | | |
| | | M4T30 | S | 400 V | 3-phase | | | 5,7 | | | | 1163 | 456 | | | 18,5 | | |
| IDROSOM 17/250 | P250/17 | M4T40 | S | 400 V | 3-phase | 4 | 3 | 8 | 75 - 160 - 250 | 99 - 74 - 19 | 2" | 1479 | 531 | 95 | 2 | 22,8 | | |
| IDROSOM 22/250 | P250/22 | M4T55 | S | 400 V | 3-phase | 5,5 | 4 | 10 | 75 - 160 - 250 | 129 - 95 - 25 | 2" | 1732 | 587 | 95 | 2 | 27,2 | | |
| IDROSOM 30/250 | P250/30 | M4T75 | S | 400 V | 3-phase | 7,5 | 5,5 | 12,5 | 75 - 160 - 250 | 175 - 129 - 33 | 2" | 2180 | 677 | 95 | 4 | 34,7 | | |
| IDROSOM 40/250 | P250/40 | M4T100 | S | 400 V | 3-phase | 10 | 7,5 | 16,7 | 75 - 160 - 250 | 233 - 172 - 44 | 2" | 2655 | 757 | 95 | 4 | 40,5 | | |

Motor and pump end can be supplied coupled exclusively with "S" series motors



SUPPLIED WITH

Capacitor
(for single-phase versions, "S" series)



OPTIONS

10 meters cable

20 meters cable

30 meters cable



Available up to 1.1 kW single-phase and three-phase up to 3 kW

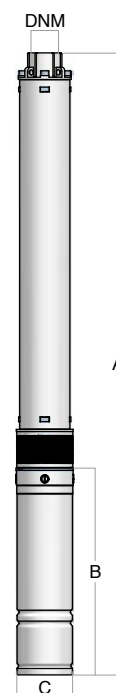
ACCESSORIES

Code

Description

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PERFORMANCE CURVES - 2 poles 50 Hz

