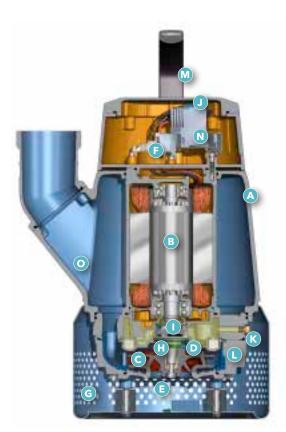
Flygt BIBO 2870 SOME THINGS MAKE A LASTING IMPRESSION

For decades whenever a dewatering challenge seemed too tough or too harsh, the answer has been simple, Flygt BIBO. So how do you improve upon a legend? Simple, we created a new one.

It still has the iconic look; a shape that means stability and robustness. We took our proven hydraulic design and merged it with features that once set the standard in dewatering pumping. For mining, quarrying, construction and tunneling, Flygt BIBO, still a choice you never regret.



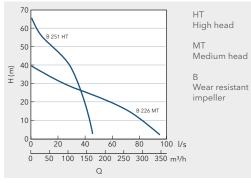
Air valve The cooler the motor, the better the performance.

- Class H motor
- G Dura-Spin™ The unique closed impeller and the suction cover which reduces wear.
- Spin-Out™ Protects the outer seal from abrasive particles.
- E Hard-Iron[™] impeller and suction cover.
- Sealed off terminal board
- G Strainer bottom with shock absorbers
- H Single impeller-adjustment screw
- I Plug-in[™] seal with aluminum housing
- Inspection cover
- K External inspection and oil plugs
- PolyLife[™] coated wear parts
- Mandle with adjustable height
- Less risk of cable damage with a protected cable entry
- O Wide base and low discharge





Performance



Rating

18 kW / 3-phase / 2,895 rpm

Voltage V	Rated current A	Starting current A
220 D	58	355
240 D	55	390
380 D	34	239
380 Y	33	203
400 D	33	238
400 Y	32	215
415 D	32	222
440 D	32	238
500 D	26	187
525 D	24	153
550 D	24	162
660 Y	20	138
690 Y	19	137
1000 Y	14	99



XYLEM Gesällvägen 33 174 87 Sundbyberg, Sweden Tel +46 8 475 60 00 www.xyleminc.com www.flygt.com

Denomination Product code 2870.180 Installation Portable 3"/4"/6" Discharge connection High head/medium head (HT/MT) Impeller characeristics Wear resistant impeller (B) with Dura-Spin™ **Process data** Liquid temperature 40°C (standard) Depth of immersion max 20 m Liquid density max 1100 kg/m³ Strainer hole dimension ø 12.0 mm pH 5-8 The pH of the pumped liquid Motor data 50 Hz Frequency Insulation class H, 180°C Voltage variation max ± 10% - continuously running max ± 10% - intermittent running Voltage imbalance max 2% - between phases max 30 - No. of starts/hour **Monitoring equipment** Thermal contacts 140°C opening temperature Cables **SUBCAB**® SUBCAB[®] Submersible cable Materials Outer casing Aluminium Impeller Hard-Iron® Wear parts PolyLife/Nitrile rubber/Hard-Iron® Stator housing Aluminum Strainer Stainless steel Shaft Stainless steel O-rings Nitrile rubber Discharge connection Aluminium **Mechanical face seals** Inner Active Seal™ Tungsten carbide/Tungsten carbide Outer Tungsten carbide/Tungsten carbide Weight and dimensions Weight (excl. cable) 154 Kg Height 991 mm Width ø 500 mm Options

Warm liquid version max 70°C

Softstarter Accessories

Starters

Warm liquid version

Quick couplings

Tandem connections, hose connections. Electrical acessories such as pump controllers, control panels and monitoring relays. Zink anodes.

