

Vanderkloof Pump Specs

Rating

18 kW / 3-phase / 2895 rpm

Voltage V	Rated Current A	Starting current A
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400	33	238
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Denomination

Product code	2870.180
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Installation	Portable
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Discharge connection	6"
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Impeller characteristics	High head (HT)
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Wear resistant impeller (B) with Dura-Spin

Proce

Liquid temperature	40°C (standard)
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Depth of immersion	max 20 m
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Liquid density	max 1100 kg/m ³
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Strainer hole dimension	ø 12.0 mm
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The pH of the pumped liquid	pH 5-8
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Motor data

Frequency	50 Hz
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Insulation class	H, 180°C
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Voltage variation	max ± 10% – continuously running
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max ± 10% – intermittent running

Voltage imbalance	max 2% - between phases
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max 30 - No. of starts/hour

Monitoring equipment

Thermal contacts	140 °C opening temperature
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Cables

SUBCAB®	SUBCAB® Submersible cable
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Material

Outer casing	Aluminium
Impeller	Hard-Iron® (B Wear resistant impeller)
Wear parts	PolyLife/Nitrile rubber/Hard-Iron®
Stator housing	Aluminium
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
Width	ø 500 mm