

ELECTRIC TRANSPORTABLE SELF-PRIMING PUMP

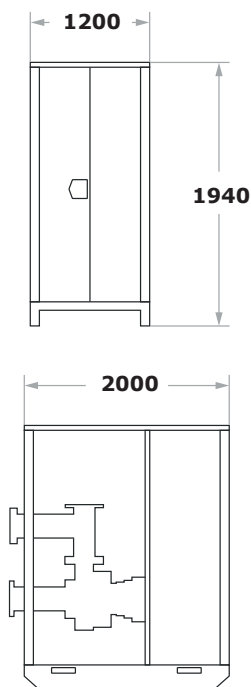


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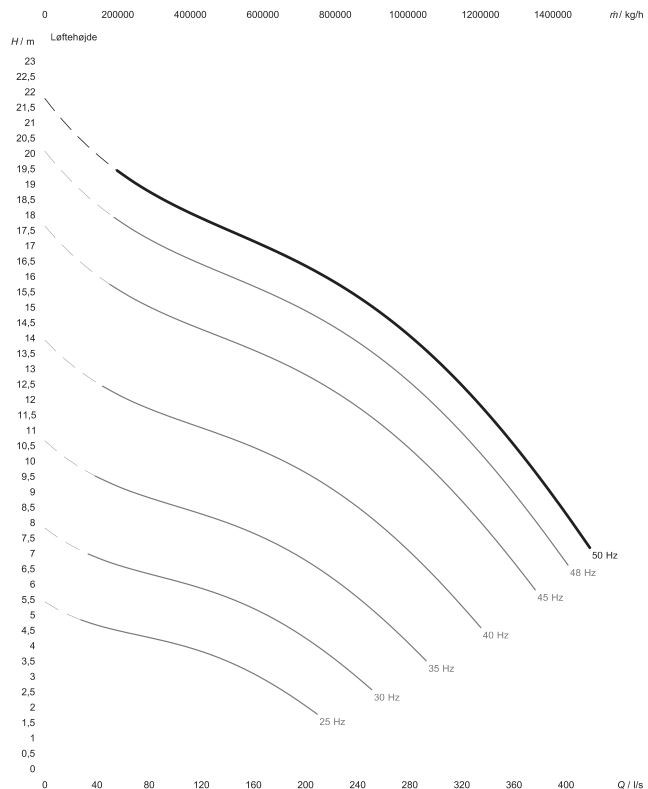
300 MM PX4 50 KW PRIME VACUUM ASSISTED ELECTRIC DRIVEN PACKAGE TRANSPORTABLE CANOPY PACKAGE

MECHANICAL DRAWING



WEIGHT:
1700 KG

PERFORMANCE CURVE



ELECTRIC TRANSPORTABLE SELF-PRIMING PUMP

300 MM | PX4 50 KW PRIME VACUUM ASSISTED ELECTRIC DRIVEN PACKAGE TRANSPORTABLE CANOPY PACKAGE



SPECIFICATIONS

Suction Connection	300 mm
Delivery Connection	300 mm
Max Flow	1500 m ³ /h
Max Head	22 m
Solids Size	125 mm
Max Speed	969 rpm
Rated Power BEP	50 kW
Sound Rating	65 dB 7 metres
L x W x H (mm)	2000 x 1200 x 1940

PRIME SYSTEM

Priming System

Mechanically Driven Diaphragm Style Vacuum Pump

Air Removal Capacity

50CFM

Priming Chamber

Single chamber with positive sealing air separation

PosiValve™ with stainless steel float ball & linkage.

Discharge Check Valve

Swing Style - ductile iron with Buna-n Disc completely drywithout damage

FEATURES

- Indefinite Run-Dry Capability
- Efficient Design for Reduced Operating Costs
- Auto Stop/Start with Floats/ pressure transmitter
- Pump controller with Sim card for SRO monitoring
- Environmentally Safe Priming System with Patented PosiValve™ - No Blow By
- VFD controller

MOTOR SPECIFICATIONS

Cos Phi 0,85
50 kW 400V 94A

High Efficient Electrical motor
Safety Shutdown Switches High Temperature

APPLICATIONS

Raw Water Pumps
Dirty Water

Cooling Pumps
Flood Pumps

Sewage Bypass Mine
Flushing

Dewatering
Silt Returns

OTHER SPECIFICATIONS

- Channel or vortex Impeller
- Fully welded and galvanized Frame
- Fork lifting pockets
- Oversized stainless steel shaft AISI 420
- Individual setup
- Large solids handling capability
- Run dry double tandem mechanical seal
- Large solids handling capability
- Connections Bauer and parrot
- Auto Start/stop control panel with VLT inverter
- Lifting pockets
- Lifting eyes on top
- Ductile iron GS500 impeller
- Telemetry monitoring
- 24/7 live data

CONSTRUCTION MATERIALS

STANDARD

OPTION

Impeller	CA6NM-316 SS	CD4MCu
Volute	Ductile Iron ASTM A536 65-45-12	CD4MCu
Wear Ring	CD4MCu-316 SS	CD4MCu-316 SS
Suction Cover	Ductile Iron ASTM A536 65-45-12	CD4MCu
Bracket	Ductile Iron ASTM A536 65-45-12	CD4MCu
Backplate	Ductile Iron ASTM A536 65-45-12	CD4MCu

RH PUMPER A/S

Stenrøjlervej 1
DK-4200 Slagelse

Telefon: +45 5850 6065 | E-mail: info@rhpumper.com

RHPUMPER.COM



HEAVY DUTY PUMPS

ISO 14001, ISO 45001 og Sellihca Qualified