

Technical specification



Centrifugal Pump

Project ref:

Line ref:

Model: **Centrifugal Pump -LKH Prime 20**

Date: 2017-02-08

No of units: **1**

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Item number:	9614374070	Weight:	91 kg
Configuration code:	P(2):PCD20ESCBS5FL2NLJ130NYNNADCNNNN		
Name:	PUMP LKH PRIME 20/130 3.0kW 50HZ		
Description:	230D/400-415Y SMS SSS C/SIC EPDM BLASTED LEGS/SHROUD		

PUMP CONSTRUCTION:

Shaft seal

Seal type:	Single shaft seal
Rotary face material:	Carbon
Stationary face material:	Silicon Carbide
Elastomers:	EPDM

Casing:

Connection Type:	Union SMS
Inlet Outlet Sizes:	DN/OD-63.5 / DN/OD-51
Internal Finish Spec:	Standard-Blasted
Drain diameter:	Without drain

Impeller

Impeller Size:	130 mm
Impeller screw:	No
Inducer:	No

Options

Shroud:	Yes
Legs:	Yes

Max. pressure:	5 bar
ATEX:	No
Wide clearance:	No
Heating jacket:	No

MOTOR SPECIFICATION:

Motor vendor:	ABB
Size:	3.0 kW
Speed:	Full speed
Frequency:	50 Hz
Voltage:	230D/400-415Y
Special Compliance:	No Requirements
Efficiency Level:	No Requirements
Motor Features:	Standard
Motor Type:	

CERTIFICATE:

Test:	Visual inspection and performance test of pump
Q-doc:	No
Surface finish:	No

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Performance curves based on Water 5°C

Specific gravity: 1.0
Viscosity: 1 cP

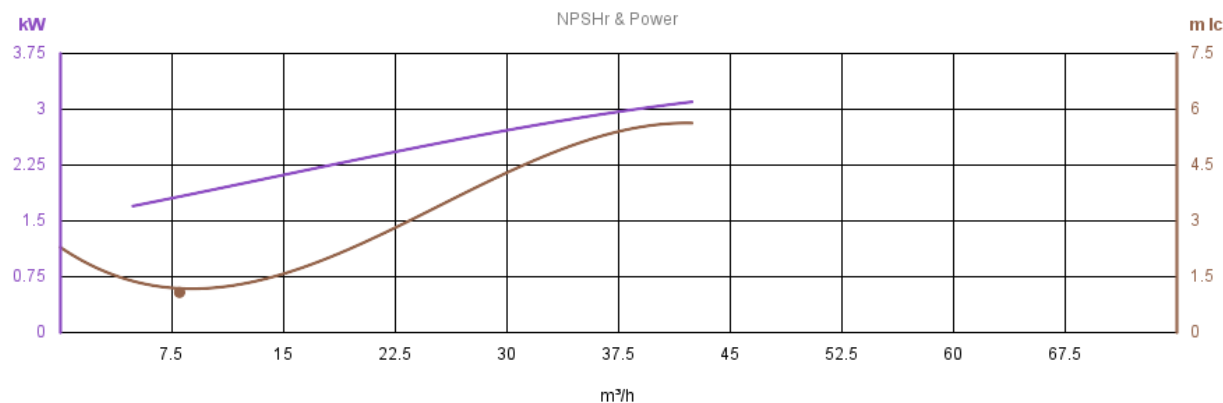
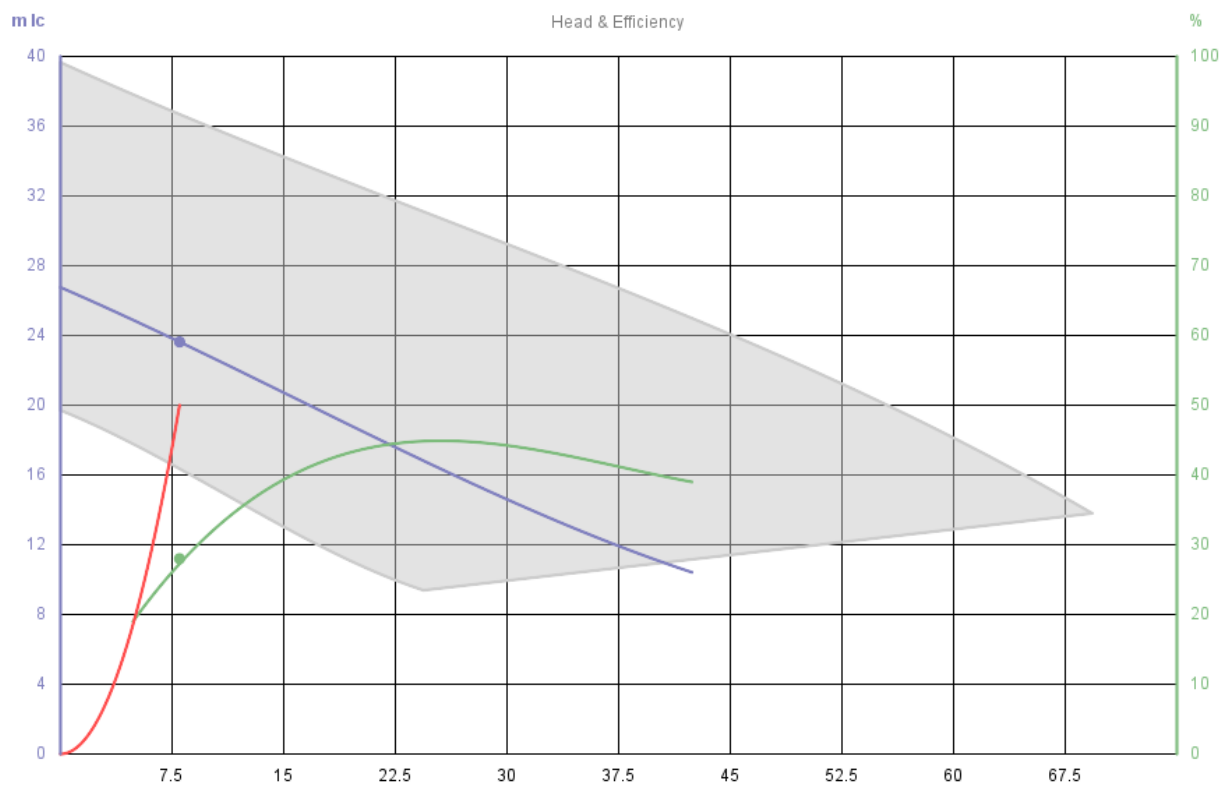
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DATA POINTS:

Flow: 8.0 m³/h
Head: 19.9 m lc
Efficiency: 27.0 %
Speed: 2881 rpm
Power: 1.6 kW
Max. Power: 2.4 kW
NPSHr: 1.1 m lc

DUTY INPUT:

Flow: 8.0 m³/h
Head: 23.6 m lc
NPSHr: 1.1 m lc
Power: 1.9 kW
Speed: 2881 rpm
Efficiency: 27.7 %
Inlet pressure: 0.0 bar
NPSHa: 0.0 m lc



Legend

Envelope
Head

Efficiency
Resistance

Power
NPSHr