

Customer

Technical data

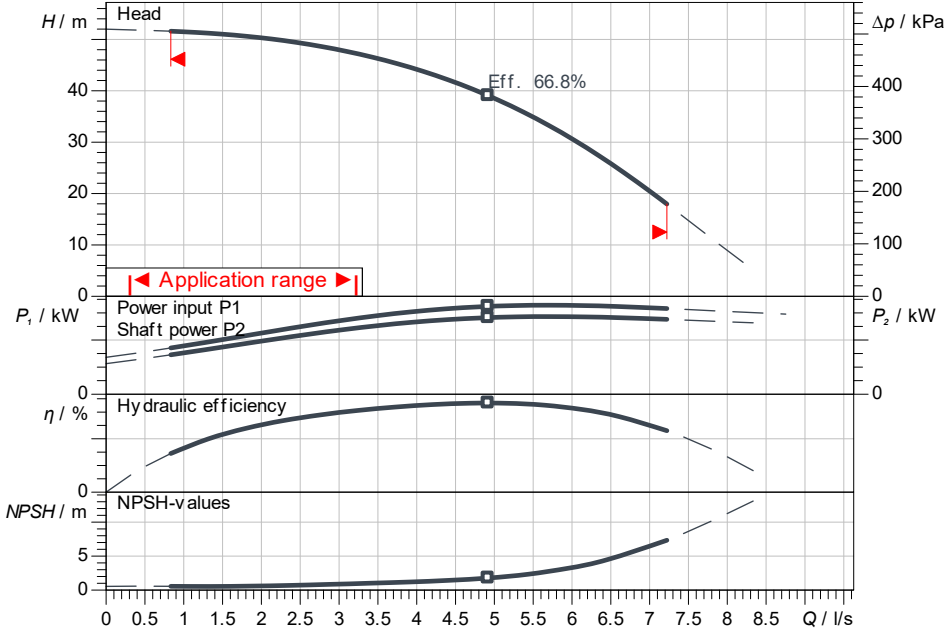
Fire-extinguishing system FLA-1 Helix V 1604/K-01 PN10

Project ID: Untitled project 2025-03-03 14:15:38.327

Project name
Installation location
Customer pos. No.

Date: 2025-03-03

Duty chart



Requested data

Flow
Head
Media: Water 100 %
Fluid temperature: 20.00 °C
Density: 998.30 kg/m³
Kin. viscosity: 1.00 mm²/s

Hydraulic data (Duty point)

Flow
Head
Shaft power P2

Product data

Fire-extinguishing system
FLA-1 Helix V 1604/K-01 PN10

No. of pumps: 1
Max. operating pressure: 1,000 kPa
Inlet pressure max.: 1,000
Fluid temperature: 3 °C ... +50 °C
Max. ambient temperature: 40 °C
Protection class system: IP55
Protection class of switchgear: IP54
Diaphragm pressure vessel: Yes
Low-water cut-out switchgear: No

Motordata per Motor/Pump

Motor efficiency level: IE3
Mains connection: 3~ 400 V / 50 Hz
Permitted voltage tolerance: +10 %
Rated speed: 2,900 1/min
Rated power P2: 3.00 kW
Rated current: 5.50 A
Power factor: 0.9
Efficiency: 85.4/87.1/87.1 %
50% / 75% / 100%
Degree of protection: IP55
Insulation class: F
Motor protection: Yes

Fitting dimensions

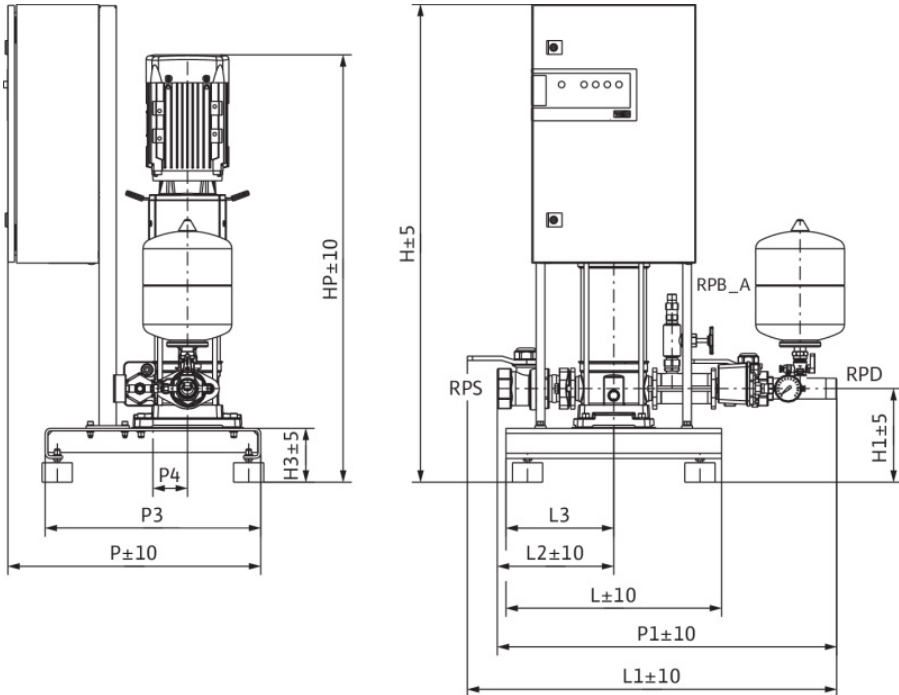
Pipe connection on the suction side: Rp 2, PN 10
Pipe connection (pressure side): R 1½, PN 16

Materials

Pump housing: 1.4301
Impeller: 1.4307
Shaft: 1.4301
Shaft seal: Q1BE3GG
Gasket material: EPDM
Pipework material: 1.4307

Information for order placements

Weight approx.: 115 kg
Item number: 2534419



Dimensions

Dimensions		mm					
H	1,105	L	500	P1	787	RPS	Rp 2, PN
H1	215	L1	862	P3	500		
H3	125	L2	270	P4	80		
HP	989	L3	250	RPB_A	R ¾		
HS	600	P	585	RPD	R 1½, PN		



Contact
E-mail
Phone

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Wiring diagram

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Wiring diagram

1-phase / 3-phase **3~**

