

Customer

Technical data

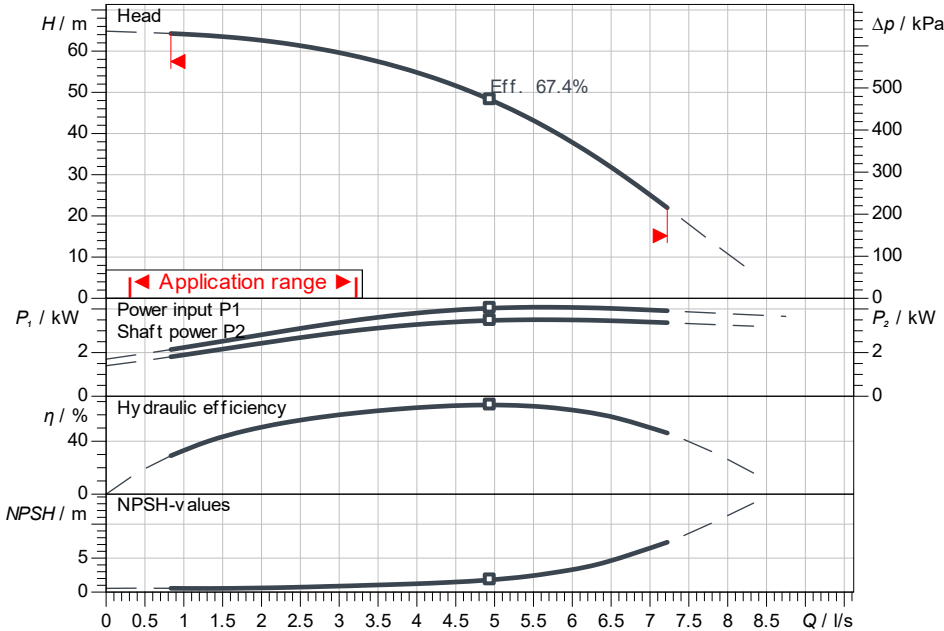
Fire-extinguishing system FLA-2 Helix V 1605/K-01 PN10

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/m ³
Kin. viscosity	1.00 mm ² /s

Hydraulic data (Duty point)

Flow	
Head	
Shaft power P2	

Product data

Fire-extinguishing system
FLA-2 Helix V 1605/K-01 PN10

No. of pumps	2
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	4.00 kW
Rated current	7.40 A
Power factor	0.87
Efficiency	
50% / 75% / 100%	86.5/88/88.1%
Degree of protection	IP55
Insulation class	F
Motor protection	Yes

Fitting dimensions

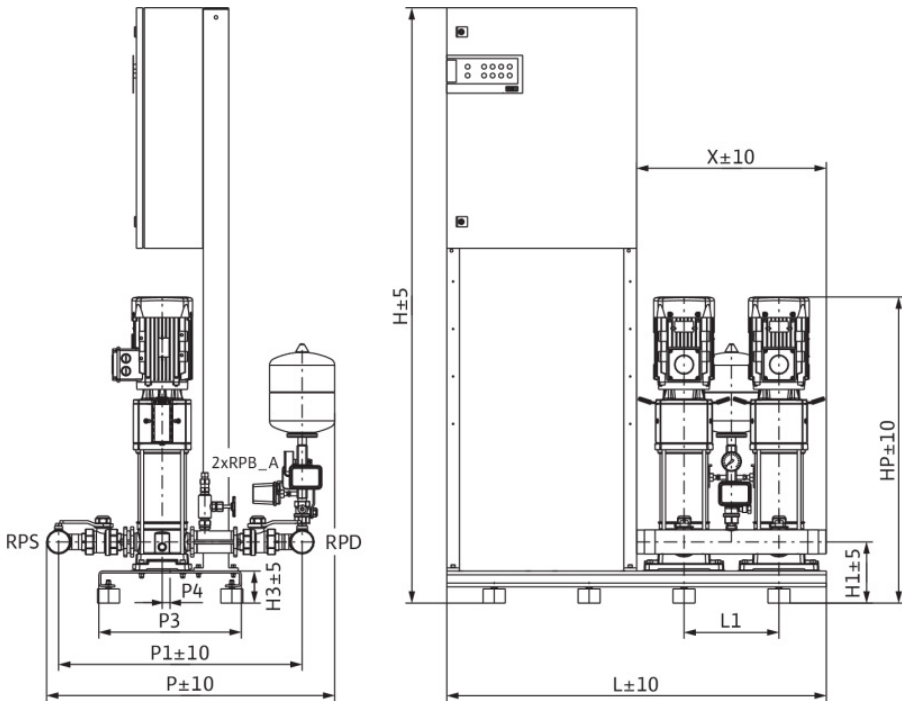
Pipe connection on the suction side	R 2½, PN 10
Pipe connection (pressure side)	R 2½, PN 16

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.	247 kg
Item number	2534359



Dimensions

Dimensions	mm		
H	1,885	L	1,200
H1	195	L1	300
H3	105	P	912
HP	1,065	P1	770
HS	760	P3	450

P4	25
RPB_A	R ¾
RPD	R 2½, PN
RPS	R 2½, PN

