

Customer

Technical data

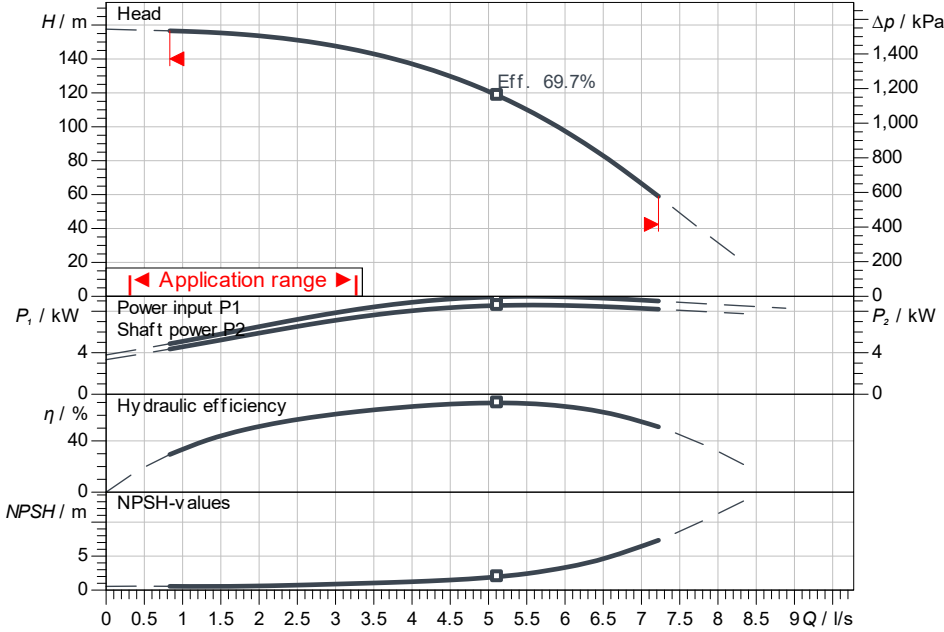
Fire-extinguishing system FLA-2 Helix V 1612/K-01 PN16

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 1612/K-01 PN16

No. of pumps	2
Max. operating pressure	1,600 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	9.00 kW
Rated current	16.70 A
Power factor	0.87
Efficiency	50% / 75% / 100%
Degree of protection	IP55
Insulation class	F
Motor protection	Yes

Fitting dimensions

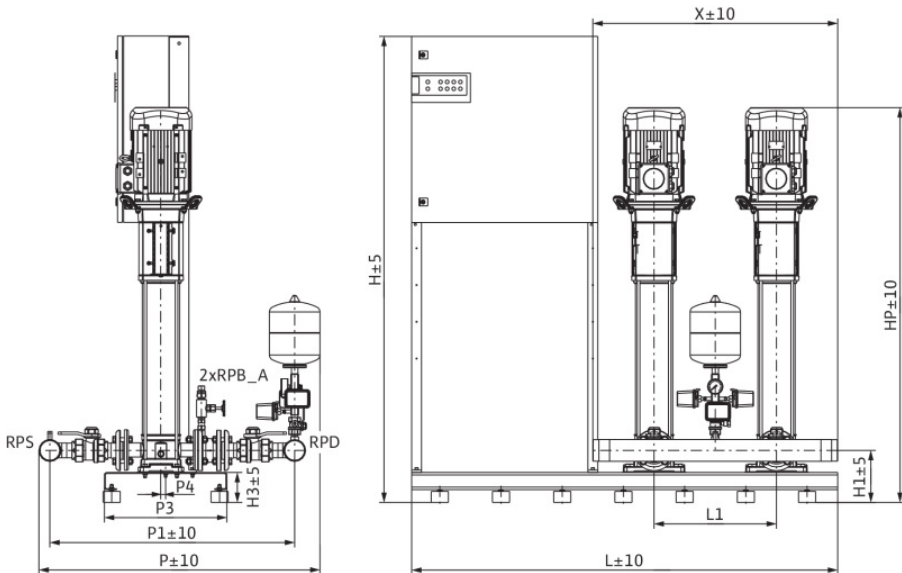
Pipe connection on the suction side	R 3, PN 10
Pipe connection (pressure side)	R 3, PN 16

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.	546 kg
Item number	2534366



Dimensions

Dimensions		mm	
H	1,905	L	1,740
H1	215	L1	500
H3	125	P	1,147
HP	1,612	P1	1,000
HS	760	P3	500
		P4	20
		RPB_A	R ¾
		RPD	R 3, PN 1
		RPS	R 3, PN 1

Contact
E-mail
Phone

Customer

Contact
E-mail
Phone

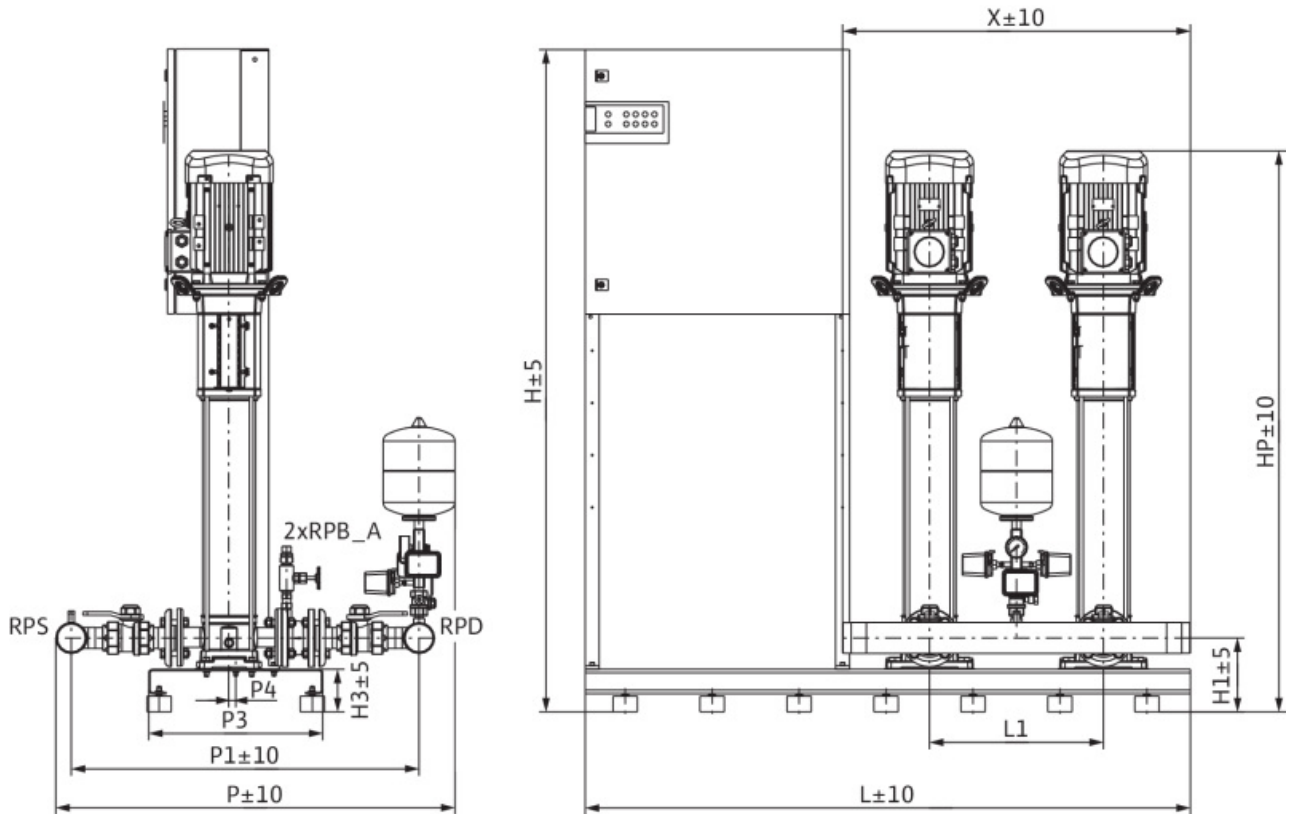
Dimensions

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FLA-2 Helix V 1612/K-01 PN16

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Standard

Suction side R 3, PN 10/PN 16
Discharge side R 3, PN 10/PN 16

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
H	1,905	P	1,147				
H1	215	P1	1,000				
H3	125	P3	500				
HP	1,612	P4	20				
HS	760	RPB_A	R ¾				
L	1,740	RPD	R 3, PN 16				
L1	500	RPS	R 3, PN 10				