

Technical data

Multi-pump system CO-6 MVI 9502/CC

Project ID

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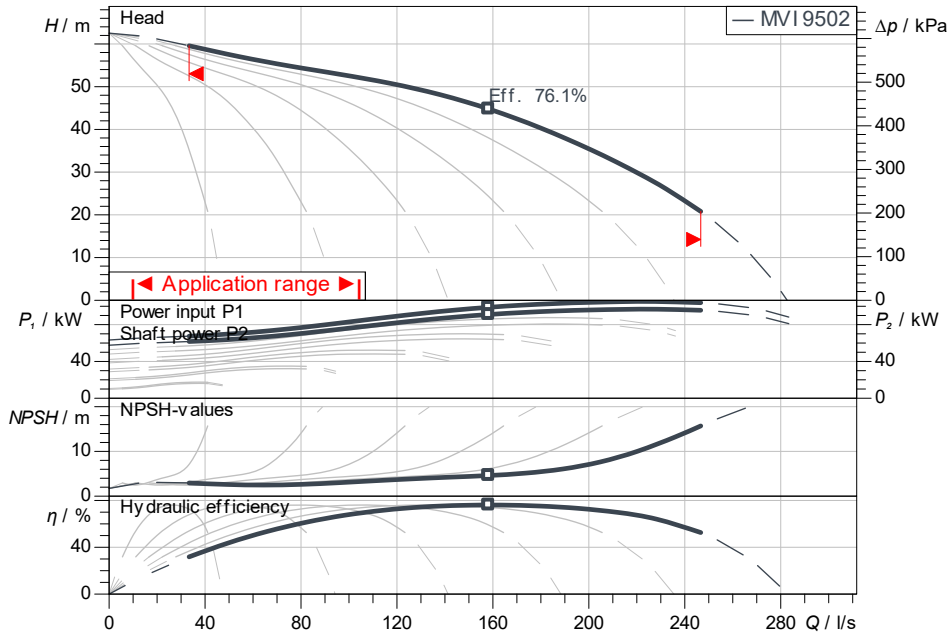
Project name

Installation location

Customer pos. No.

Date 2025-03-02

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

Multi-pump system
CO-6 MVI 9502/CC
Control Without frequency conversion
No. of pumps 6
Max. operating pressure 1,600 kPa
Inlet pressure max. 1,000 kPa
Fluid temperature 3 °C ... +50 °C
Max. ambient temperature 40 °C
Protection class motor IP55
Protection class of switchgear IP54
0
0

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 18.5 kW
Rated current 32.8 A
Power factor 0.89
Efficiency 91.6/92.5/92.4 %
50% / 75% / 100 %
Insulation class F
Motor protection Yes

Fitting dimensions

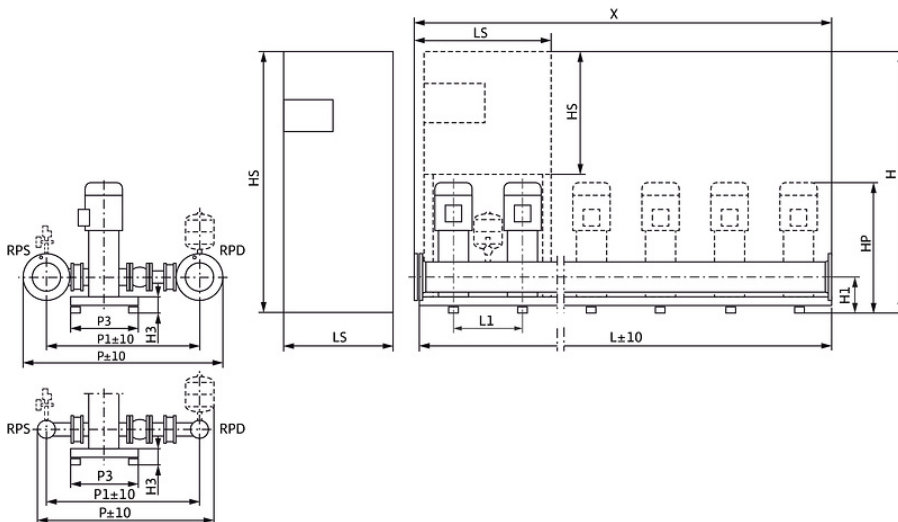
Pipe connection on the suction side DN 250, PN 16
Pipe connection (pressure side) DN 250, PN 16

Materials

Pump housing 5.1301/EN-GJL-250
Impeller 1.4408
Shaft 1.4057
Shaft seal U3BE3GG
Gasket material EPDM
Pipework material 1.4404

Information for order placements

Weight approx. 2395 kg
Item number



Dimensions

mm

DNd	DN 250, PN	HP	1,406	P3	650
DNs	DN 250, PN	L	3,000	X	3,000
H	1,900	L1	500		
H1	268	P	1,695		
H3	128	P1	1,300		

Dimensions

Multi-pump system

CO-6 MVI 9502/CC

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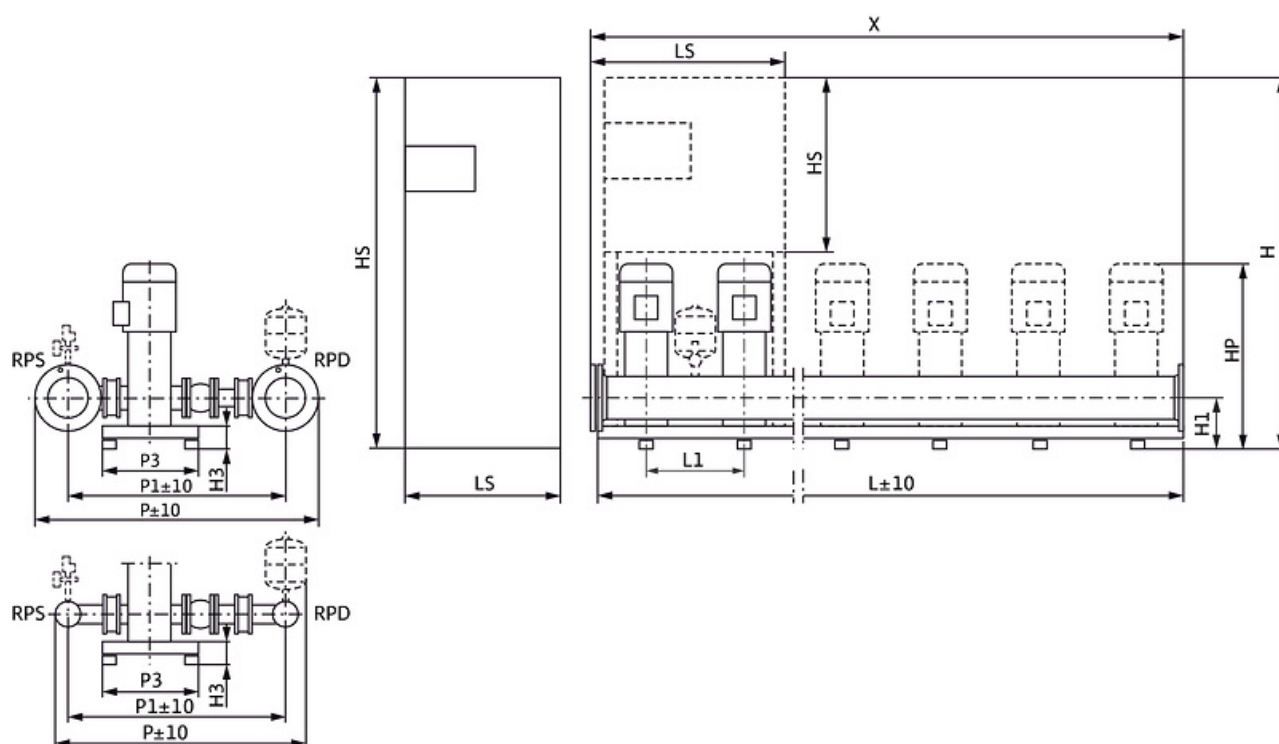
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Standard

Suction side DN 250, PN 16

Discharge side DN 250, PN 16

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
DNd	DN 250, PN 16	L1	500				
DNs	DN 250, PN 16	P	1,695				
H	1,900	P1	1,300				
H1	268	P3	650				
H3	128	X	3,000				
HP	1,406						
L	3,000						