

Technical data

High-pressure multistage centrifugal pump Medana CH1-LC.404-5/E/A/10T

Project ID

Untitled project 2025-03-03 23:00:00.495

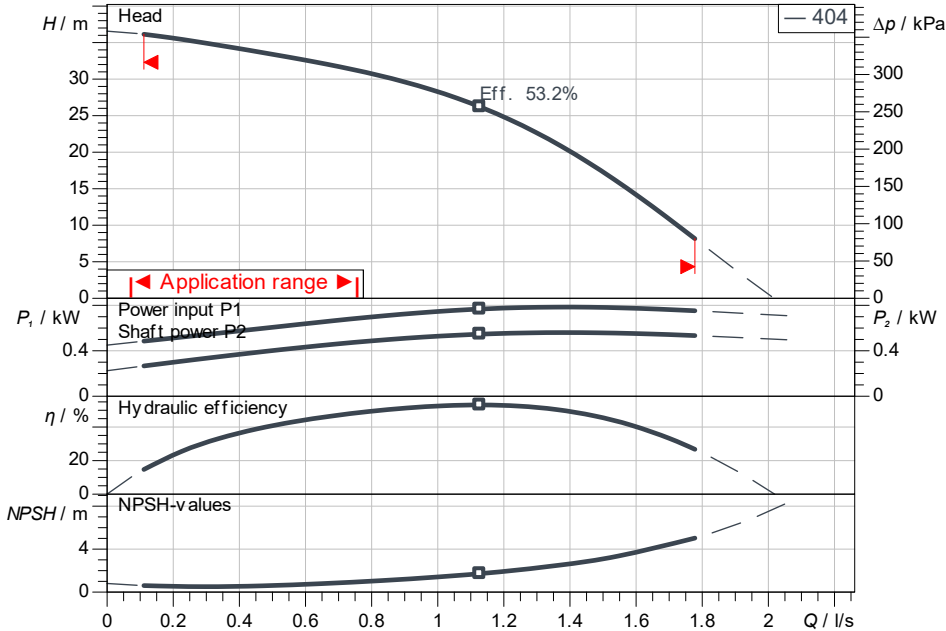
Project name

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

Product data

High-pressure multistage centrifugal pump Medana CH1-LC.404-5/E/A/10T	
Max. operating pressure	1,000 kPa
Inlet pressure max.	600 kPa
Fluid temperature	-20 °C ... +120 °C
Max. ambient temperature	50 °C

Motordata per Motor/Pump

Motor efficiency class	IE2
Mains connection	1~230 V / 50 Hz
Permitted voltage tolerance	+/-10 %
Max. speed	2,900 1/min
Rated power P2	0.55 kW
Rated current	3.60 A
0	
Degree of protection	IP55
Insulation class	F
Motor protection	PTO

Fitting dimensions

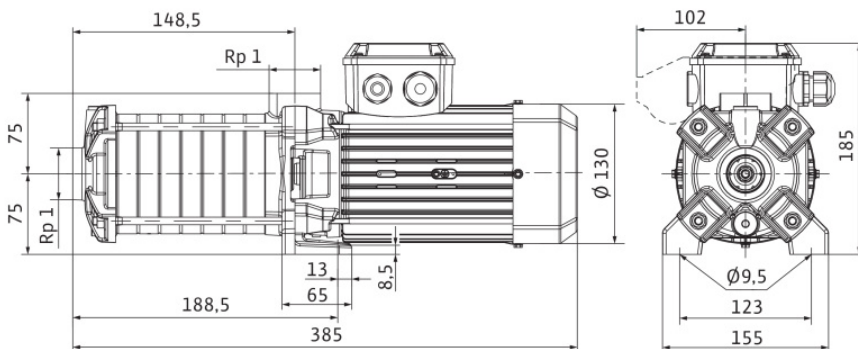
Pipe connection on the suction side	Rp 1, PN 10
Pipe connection (pressure side)	Rp 1, PN 10

Materials

Pump housing	5.1301, EN-GJL-250 c
Impeller	1.4301
Shaft	1.4301
Shaft seal	BQ 7EGG
Gasket material	EPDM
Stage chamber material	1.4404

Information for order placements

Weight approx.	12.4 kg
Item number	4231432



Dimensions

mm