

Technical data

High-pressure multistage centrifugal pump MHI 404-1/E/1-230-50-2

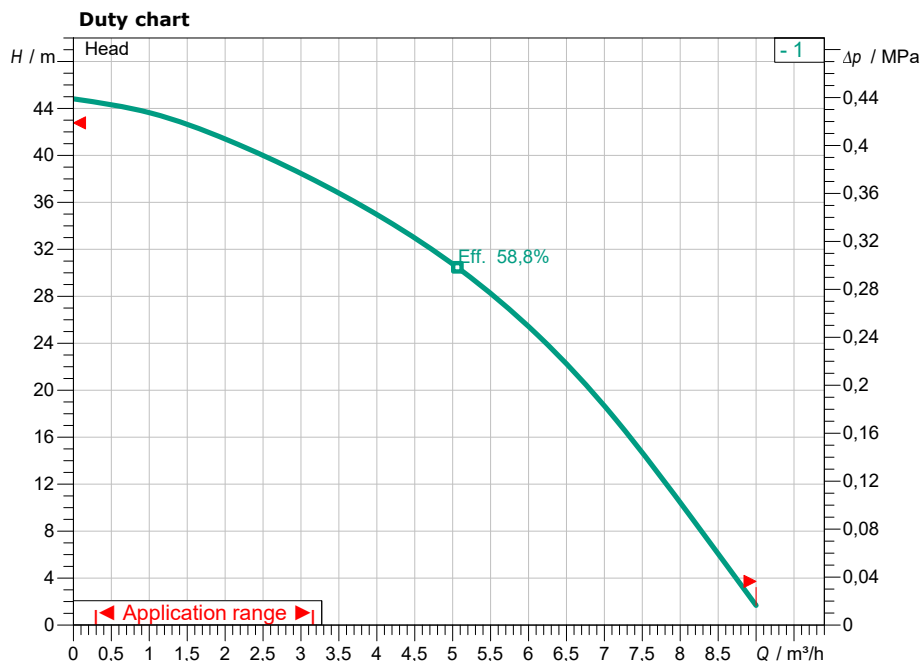
Project name

Project ID

Installation location

Customer pos.no

Date 2/5/2018



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	
Hydraulic efficiency	
NPSH	

Product data

High-pressure multistage centrifugal pump	
MHI 404-1/E/1-230-50-2	
Max. operating pressure	1 MPa
Inlet pressure max.	6 bar
Fluid temperature	-15 °C ... +90 °C
Max. environmental temperature	40 °C

Motordata per Motor/Pump

Motor efficiency level	
Mains connection	1~ 230 V / 50 Hz
Permitted voltage tolerance	±10 %
Max. speed	2900 1/min
Rated power P2	0,75 kW
Rated current	5,10 A
Power factor	0,98
Efficiency	
50% / 75% / 100%	57,7/62,8/62,3%
Degree of protection	IP X4
Insulation class	F
Motor protection	PTO

Fitting dimensions

Pipe connection on the suction side	G 1 1/4, PN 10/-
Pipe connection on the pressure side	G 1 1/4, PN 10/-

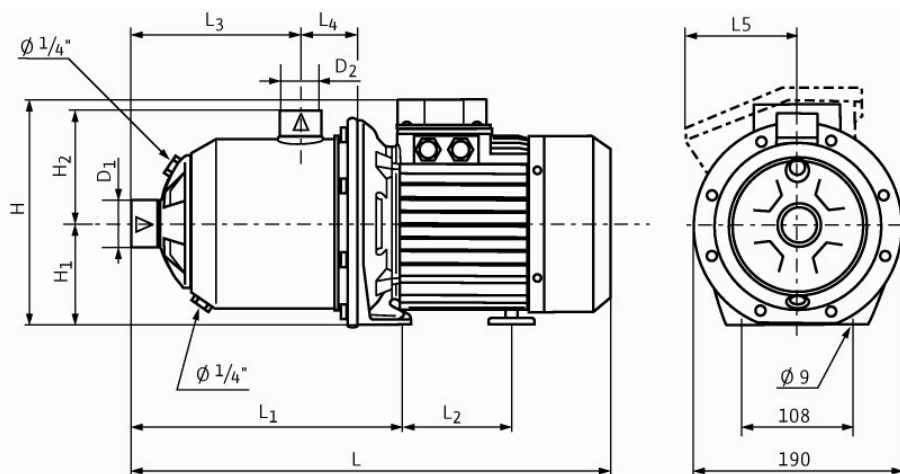
Materials

Pump housing	1.4301 [AISI304]
Impeller	1.4301 [AISI304]
Static seal	EPDM
Pump shaft	1.4301 [AISI304]
Mechanical seal	BQ1E3GG

Information for order placements

Weight approx.	12,2 kg
Item number	

Make	Wilo
Type	MHI 404-1/E/1-230-50-2



Dimensions

mm

H	216	L2	88	Ø D2	1
H1	90	L3	157,5		
H2	104	L4	52		
L	423	L5	106		
L1	252	Ø D1	1 1/4		