

Customer

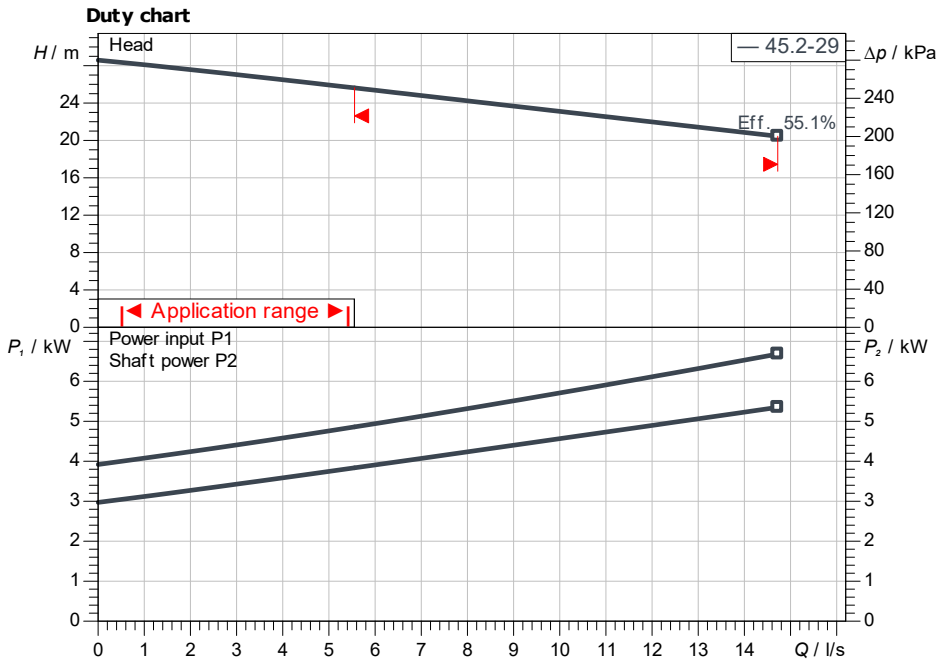
Technical data

Solids separation system EMUport CORE 45.2-29/540

Project ID Untitled project 2025-03-03 14:15:38.327

Project name
Installation location
Customer pos. No.

Date 2025-03-03



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

Product data

Solids separation system	
EMUport CORE 45.2-29/540	
Pump used	
FA 08.64-278E + FK 17.1-4/16K	
No. of pumps	2
Max. operating pressure	319 kPa
Fluid temperature	3 °C ... + 40 °C
Grinder	No
Operating mode (non-immersed)	S1
Gross volume	1,200 l
Max. switching volume	900 l
Max. sound pressure level	70 dB
Free ball passage	80 mm

Motordata per Motor/Pump

Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	+10 %
Nominal speed	1,450 1/min
Rated power P2	6.60 kW
Power input P1	8.4 kW
Rated current	14.10 A
Activation type	Star-Delta (YΔ)
Degree of protection	IP68
Motor protection	Bimetail
Insulation class	H
max. starts per hour	15/h
Motor efficiency level	IE0

Cable

Length of connecting cable	20 m
Mains plug	No
Type of connection cable	Non-detachable
Cable type	H07RN-F
Cable cross section	10G1,5

Fitting dimensions

Venting	Ø 75
Pipe connection on the suction side	DN 200
Pipe connection (pressure side)	DN 100

Materials

Tank	PE
Pump housing	5.1301/EN-GJL-250
Impeller	EN-GJS-500-7
Shaft	1.4021
Motor housing	5.1301/EN-GJL-250
Gasket material	FKM

Information for order placements

Weight approx.	686 kg
Item number	2554544

