

Contact
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Customer

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Dimensions

Glanded monobloc pump
BM-S 80/180-22/2

Project ID

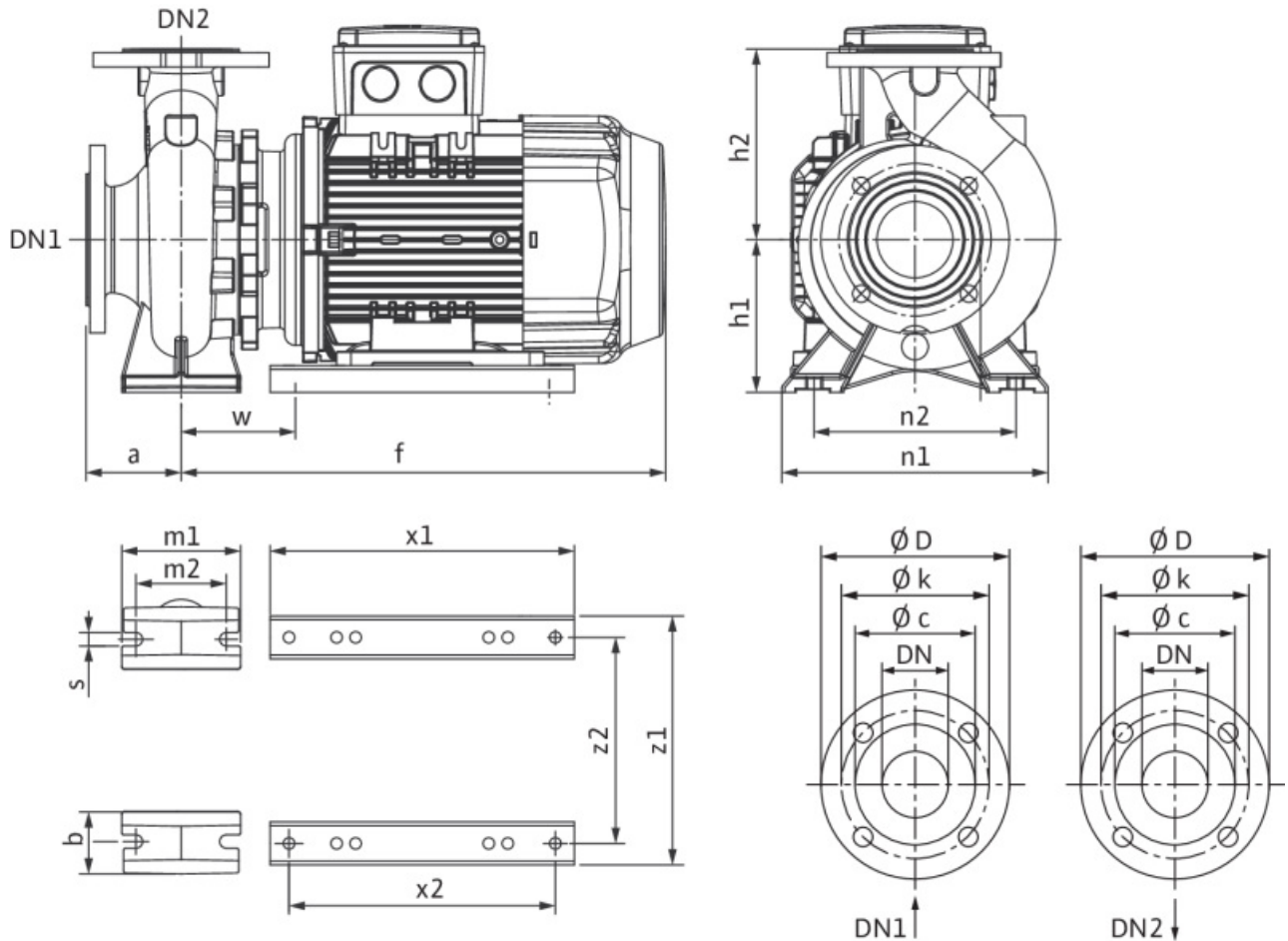
Untitled project 2025-03-17 01:38:16.703

Project name

Installation location

Customer pos. No.

Date 2025-03-17



Standard

Suction side DN 100, PN 10
Discharge side DN 80, PN 10

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
a	125	h1	180	Ø k	160	x2	370
b	65	h2	225	Ø d	156	z1	319
d	14	m1	125	Ø D	220	z2	254
dL	18	m2	95	Ø D	200		
DN1	DN 100, PN 10	n1	320	s	14		
DN2	DN 80, PN 10	n2	250	w	153		
f	644	Ø k	180	x1	410		

Customer

Technical data

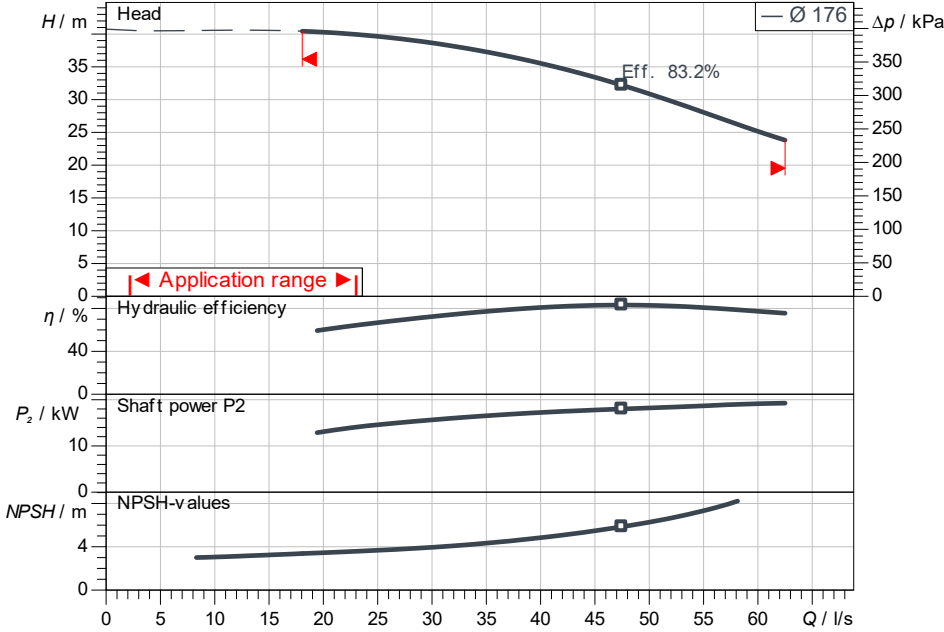
Glanded monobloc pump BM-S 80/180-22/2

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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
Hydraulic efficiency
NPSH

Product data

Glanded monobloc pump
BM-S 80/180-22/2
Max. operating pressure 1,000 kPa
Fluid temperature -10 °C ... +90 °C
Max. ambient temperature 40 °C
Minimum efficiency index (MEI) ≥ 0.4

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 22.00 kW
Rated current 39.20 A
Power factor 0.88
Efficiency 50% / 75% / 100% 92.5/92.9/92.7 %
Degree of protection IP55
Insulation class F
Motor protection No

Fitting dimensions

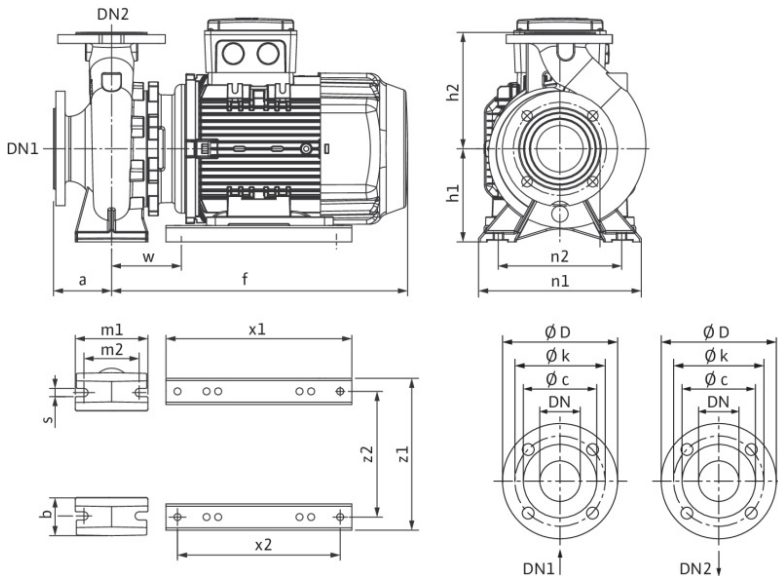
Pipe connection on the suction side DN 100, PN 10
Pipe connection (pressure side) DN 80, PN 10
Port to Port -

Materials

Pump housing 1.4408
Impeller 1.4408
Shaft 1.4362
Shaft seal Q1Q1VGG

Information for order placements

Weight approx. 145 kg
Item number 2103469





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Hydraulic data

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Operating data

Rotational speed 2900 1/min	Frequency 50 Hz	Duty point Q =	H =	Suction port DN 100	Discharge port DN 80
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Power data referred to: Water; 20°C; 998.3kg/m³; 1.005mm²/s ±10 % tolerance with linear U/f frequency control

