

Contact
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Customer

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Dimensions

Glanded monobloc pump
BM-S 125/340-37/4

Project ID

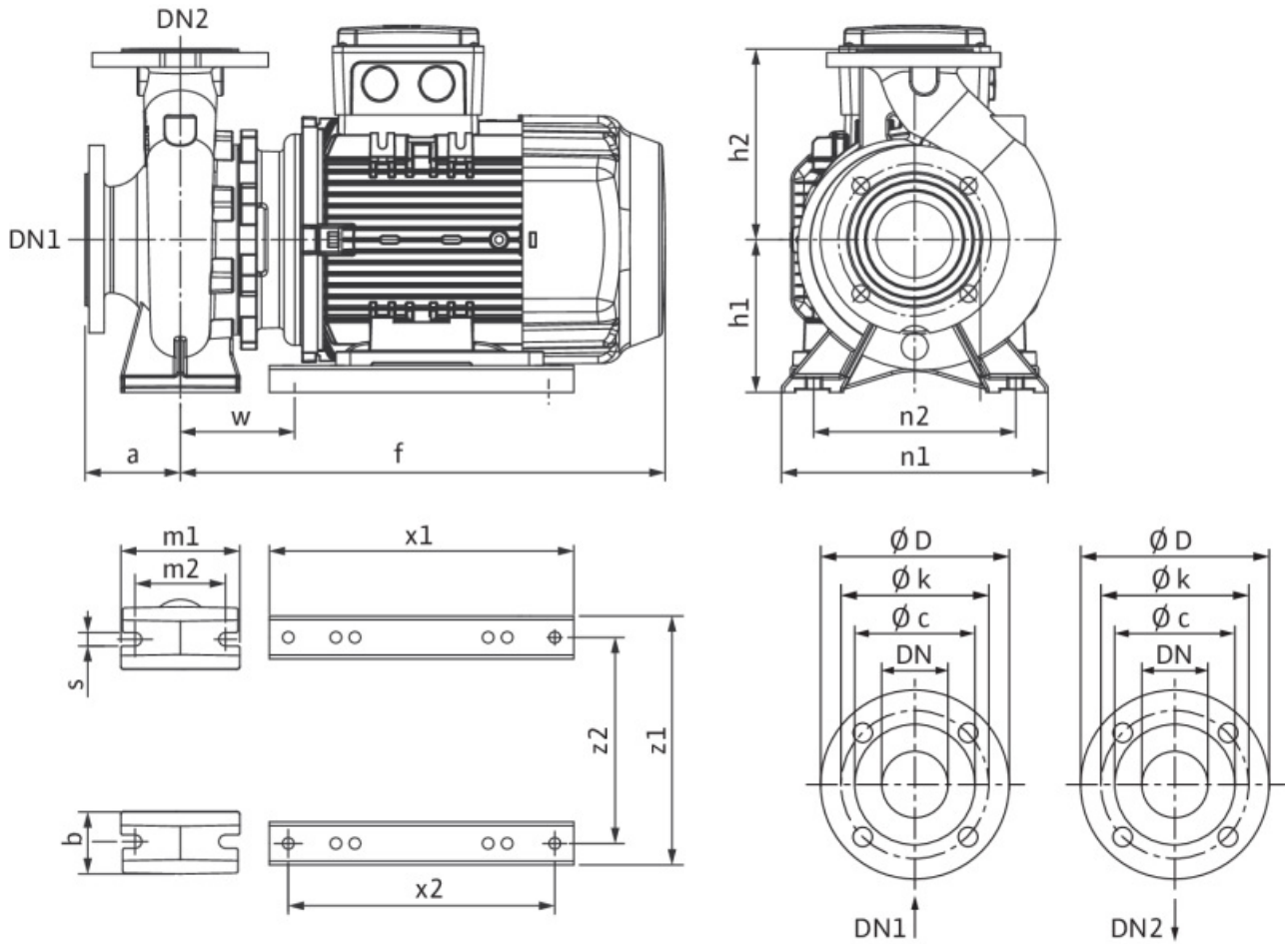
Untitled project 2025-03-17 01:38:16.703

Project name

Installation location

Customer pos. No.

Date 2025-03-17



Standard

Suction side

DN 150, PN 10

Discharge side

DN 125, PN 10

Dimensions

mm

Name	Value	Name	Value	Name	Value	Name	Value
a	140	h1	280	Ø k	210	x2	491
b	100	h2	355	Ø d	211	z1	436
d	22	m1	200	Ø D	285	z2	356
dL	22	m2	150	Ø D	250		
DN1	DN 150, PN 10	n1	500	s	24		
DN2	DN 125, PN 10	n2	400	w	255		
f	885	Ø k	240	x1	570		

Customer

Technical data

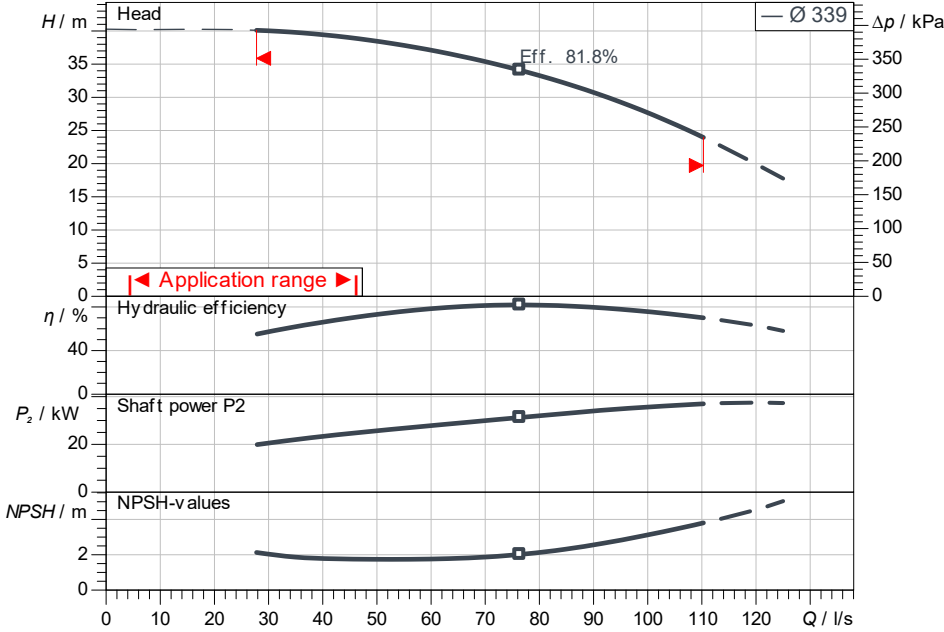
Glanded monobloc pump BM-S 125/340-37/4

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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 125/340-37/4
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 1,450 1/min
Rated power P₂ 37.00 kW
Rated current 69.90 A
Power factor 0.85
Efficiency 50% / 75% / 100% 93.3/ 94.2/93.9 %
Degree of protection IP55
Insulation class F
Motor protection No

Fitting dimensions

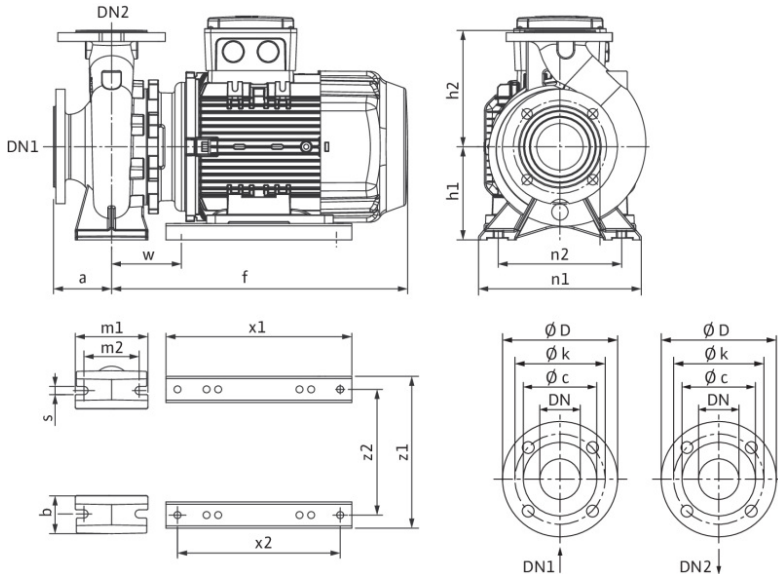
Pipe connection on the suction side DN 150, PN 10
Pipe connection (pressure side) DN 125, PN 10
Port to Port -

Materials

Pump housing 1.4408
Impeller 1.4408
Shaft 1.4362
Shaft seal Q1Q1VGG

Information for order placements

Weight approx. 511 kg
Item number 2164456





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Hydraulic data

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Operating data

Rotational speed 1450 1/min	Frequency 50 Hz	Duty point Q =	H =	Suction port DN 150	Discharge port DN 125
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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

