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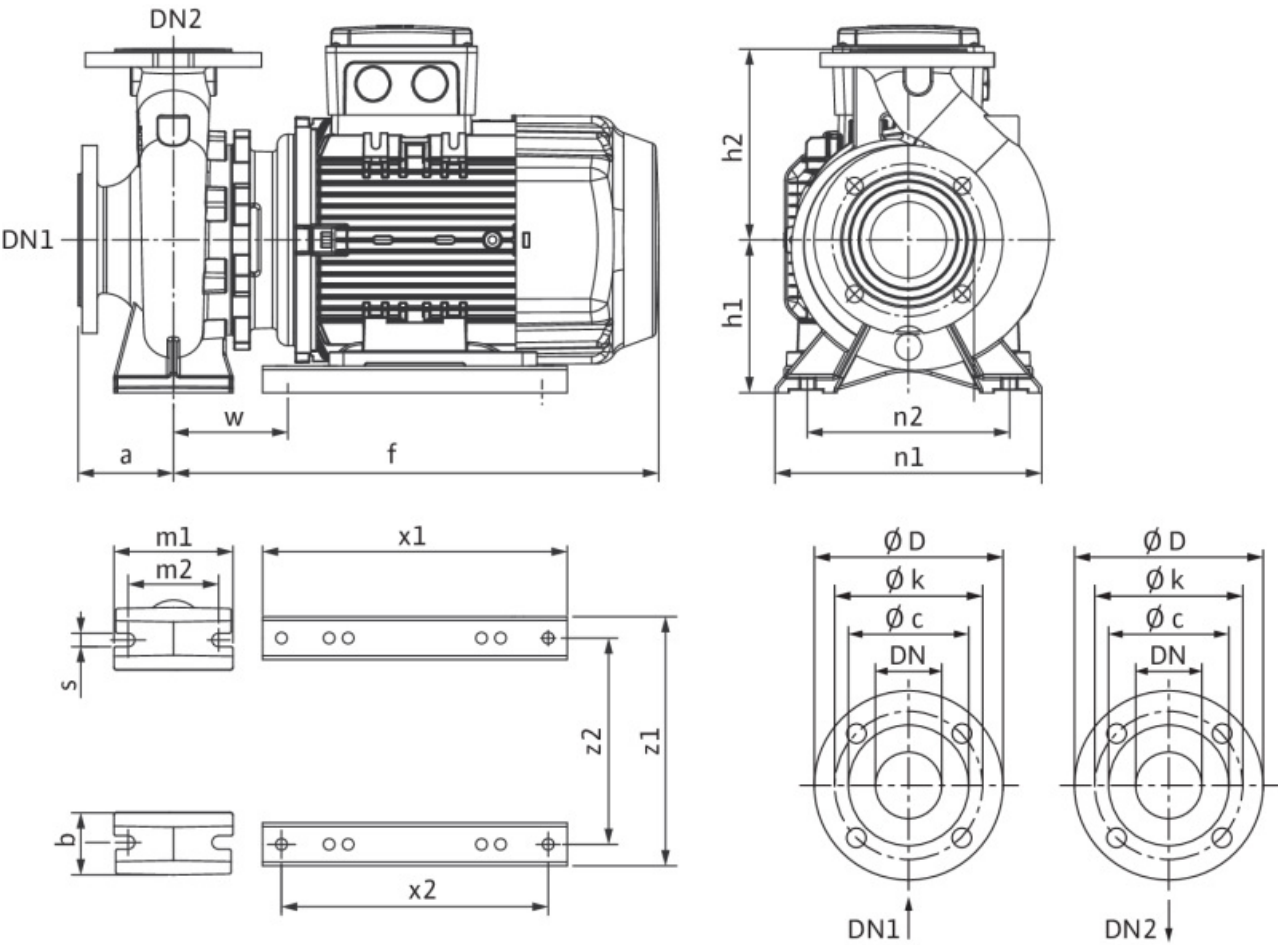
Dimensions

Glanded monobloc pump
BM-B 80/340-22/4

Project ID Untitled project 2025-03-01 21:27:50.947

Project name
Installation location
Customer pos. No.

Date 2025-03-01



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	250	Ø k	160	x2	370
b	80	h2	315	Ø d	156	z1	319
d	14	m1	160	Ø D	220	z2	254
dL	19	m2	120	Ø D	200		
DN1	DN 100, PN 10	n1	400	s	18		
DN2	DN 80, PN 10	n2	315	w	218		
f	787	Ø k	180	x1	410		

Technical data

Glanded monobloc pump

BM-B 80/340-22/4

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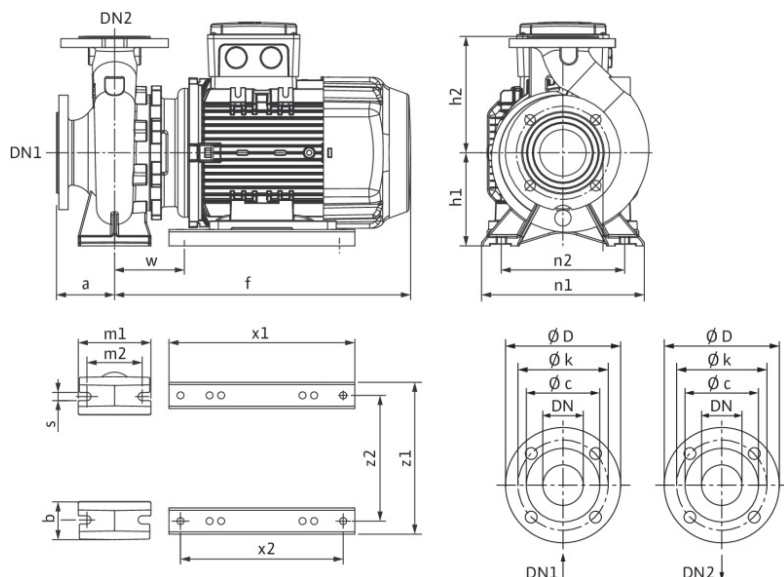
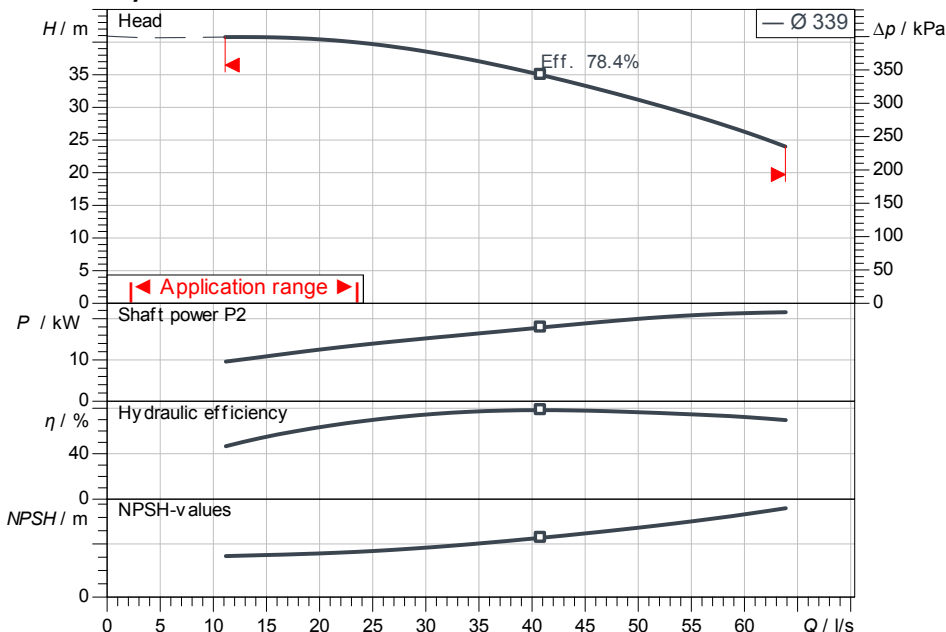
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Duty chart



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

Glanded monobloc pump	
BM-B 80/340-22/4	
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	22.00 kW
Rated current	47.50 A
Power factor	0.72
Efficiency	
50 % / 75 % / 100 %	92 / 93 / 93 %
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	Bronze, G-CuSn10
Impeller	Bronze, G-CuSn10
Shaft	1.4362
Shaft seal	Q1Q1VGG

Information for order placements

Weight approx.	333 kg
Item number	2103244

Hydraulic data

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Operating data

Rotational speed	Frequency	Duty point		Suction port	Discharge port
1450 1/min	50 Hz	Q =	H =	DN 100	DN 80

