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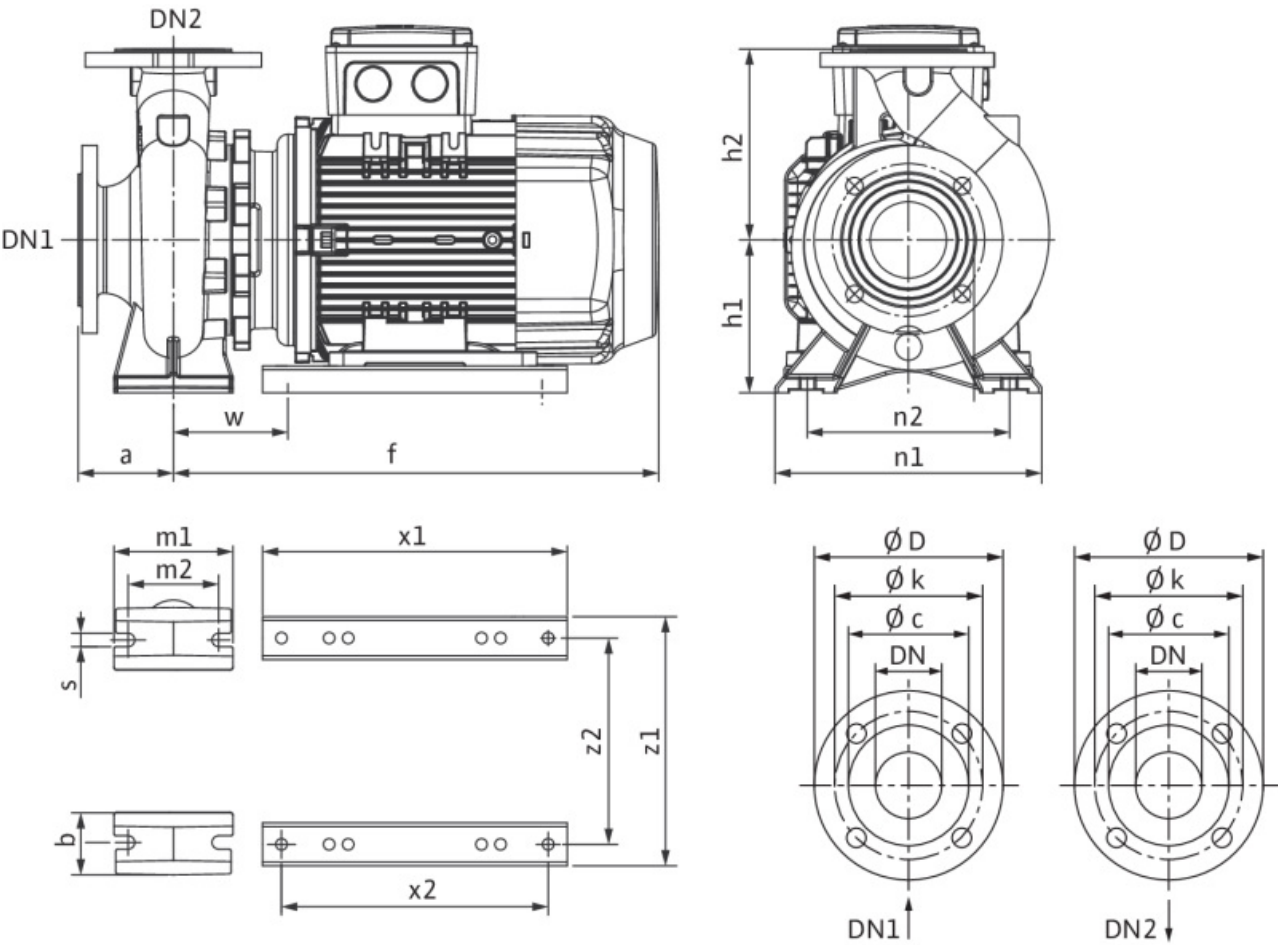
Dimensions

Glanded monobloc pump
BM-B 80/230-7,5/4

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	200	Ø k	160	x2	280
b	80	h2	280	Ø d	156	z1	261
d	12	m1	160	Ø D	220	z2	216
dL	19	m2	120	Ø D	200		
DN1	DN 100, PN 10	n1	400	s	18		
DN2	DN 80, PN 10	n2	315	w	151		
f	602	Ø k	180	x1	320		

Technical data

Glanded monobloc pump

BM-B 80/230-7,5/4

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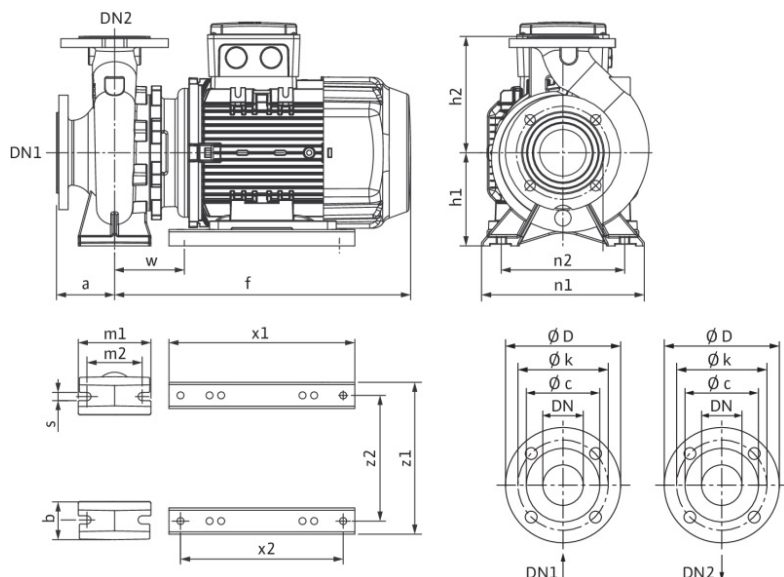
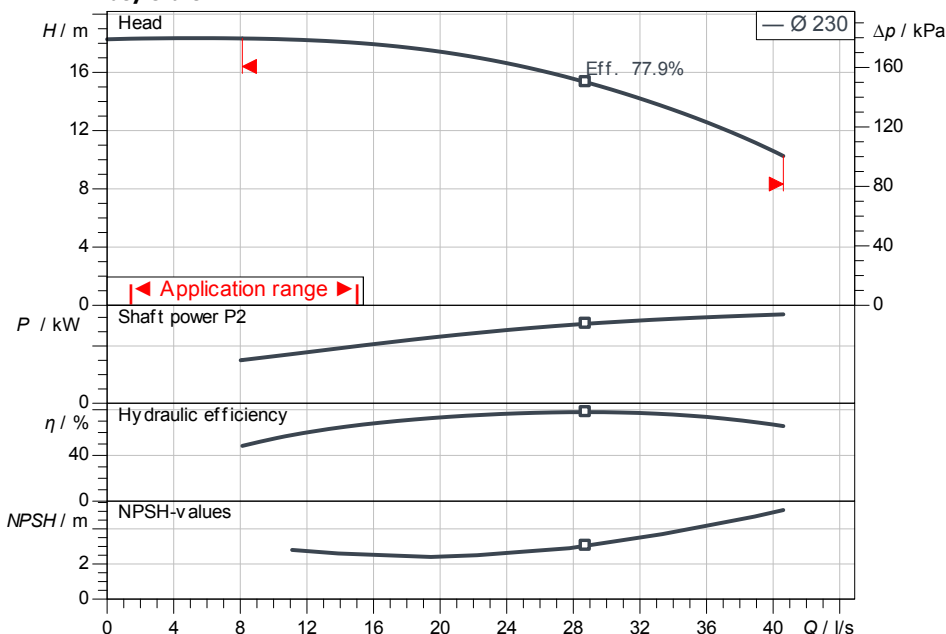
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Duty chart



Requested data

Flow
Head
Media
Fluid temperature
Density
Kin. viscosity
Water 100 %
20.00 °C
998.30 kg/m³
1.00 mm²/s

Hydraulic data (Duty point)

Flow
Head
Shaft power P2
Hydraulic efficiency
NPSH

Product data

Glanded monobloc pump
BM-B 80/230-7,5/4
Max. operating pressure
Fluid temperature
Max. ambient temperature
Minimum efficiency index (MEI)
1,000 kPa
-10 °C ... +90 °C
40 °C
≥ 0.4

Motordata per Motor/Pump

Motor efficiency level
Mains connection
Permitted voltage tolerance
Rated speed
Rated power P2
Rated current
Power factor
Efficiency
50% / 75% / 100%
Degree of protection
Insulation class
Motor protection
IE3
3~400 V / 50 Hz
+10 %
1,450 1/min
7.50 kW
15.80 A
0.78
89.6/90.5/90.4%
IP55
F
No

Fitting dimensions

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

Materials

Pump housing
Impeller
Shaft
Shaft seal
Bronze, G-CuSn10
Bronze, G-CuSn10
1.4362
Q1Q1VGG

Information for order placements

Weight approx.
Item number
133 kg
2103240

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

