

Dimensions

Glanded monobloc pump

BM-B 65/115-3/2

Project ID

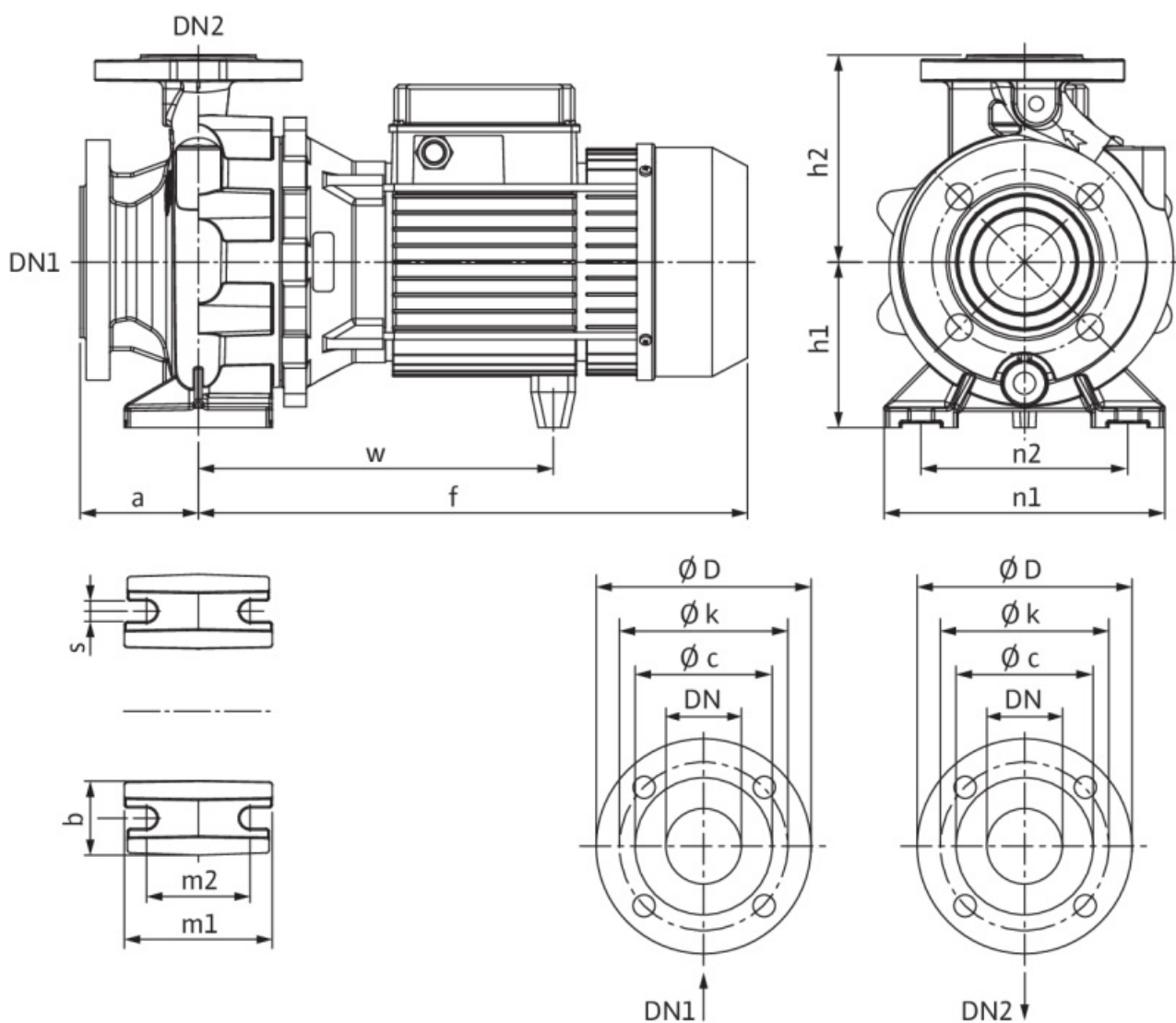
Untitled project 2025-03-01 21:27:50.947

Project name

Installation location

Customer pos. No.

Date 2025-03-01



Standard

Suction side DN 80, PN 10

Suction side	DN 65, PN 10
Discharge side	DN 65, PN 10

Dimensions

mm

Name	Value	Name	Value	Name	Value	Name	Value
a	100	h2	180	Ø d	132		
b	50	m1	125	Ø D	200		
dL	19	m2	95	Ø D	185		
DN1	DN 80, PN 10	n1	280	s	14		
DN2	DN 65, PN 10	n2	212	w	317		
f	459	Ø k	160				
h1	160	Ø k	145				

Technical data

Glanded monobloc pump BM-B 65/115-3/2

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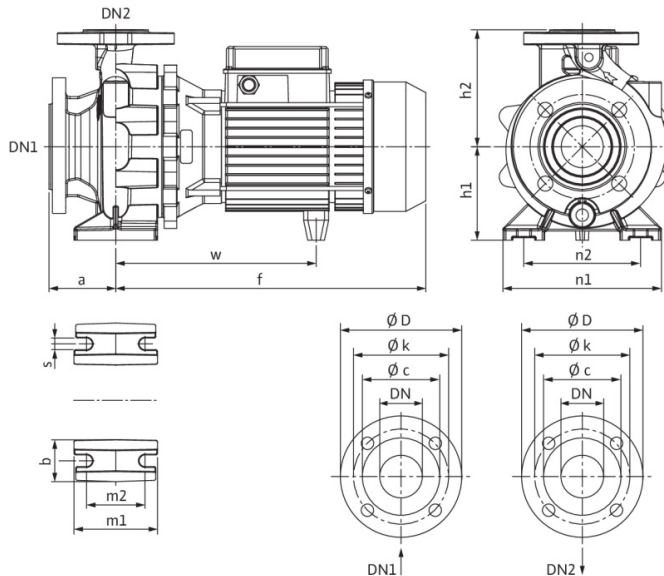
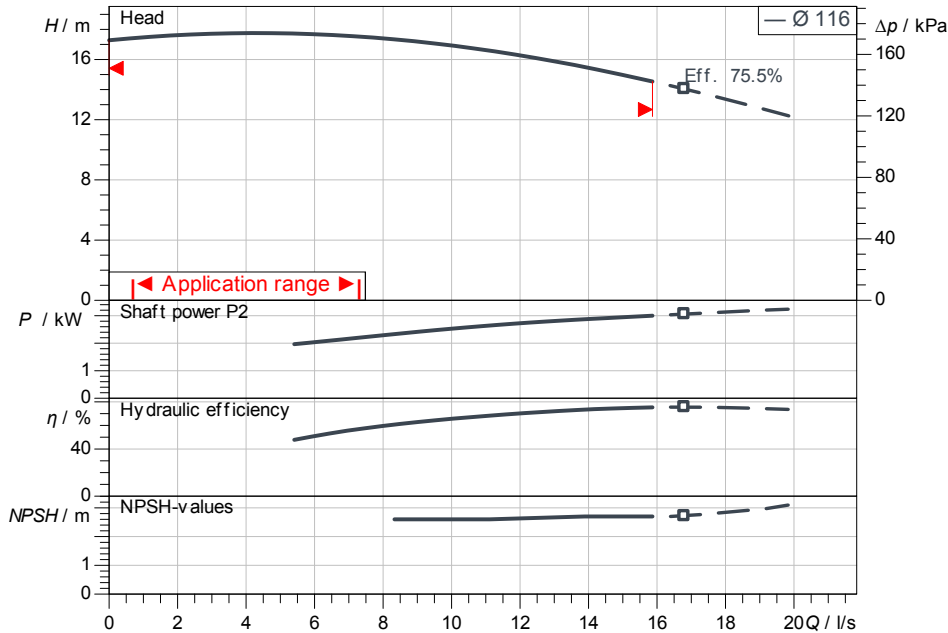
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Duty chart



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 P_2	
Hydraulic efficiency	
NPSH	

Product data

Glanded monobloc pump	
BM-B 65/115-3/2	
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 P_2	3.00 kW
Rated current	6.14 A
Power factor	0.83
Efficiency	
50% / 75% / 100%	86.4 / 87.3 / 87.1 %
Degree of protection	IP55
Insulation class	F
Motor protection	No

Fitting dimensions

Pipe connection on the suction side	DN 80, PN 10
Pipe connection (pressure side)	DN 65, 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.	54 kg
Item number	2103315

Hydraulic data

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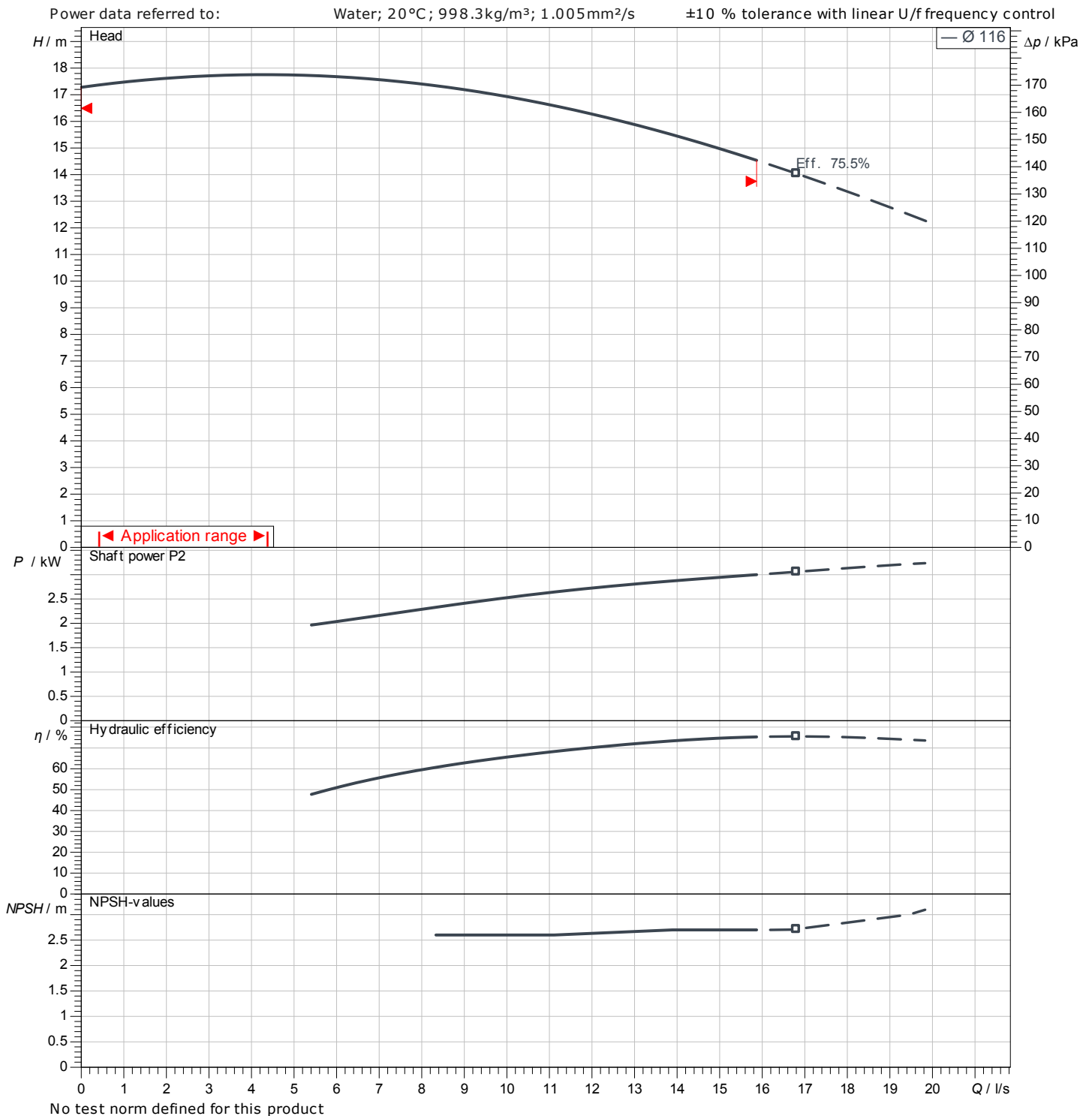
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Operating data

Rotational speed	Frequency	Duty point		Suction port	Discharge port
2900 1/min	50 Hz	Q =	H =	DN 80	DN 65



No test norm defined for this product