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Customer

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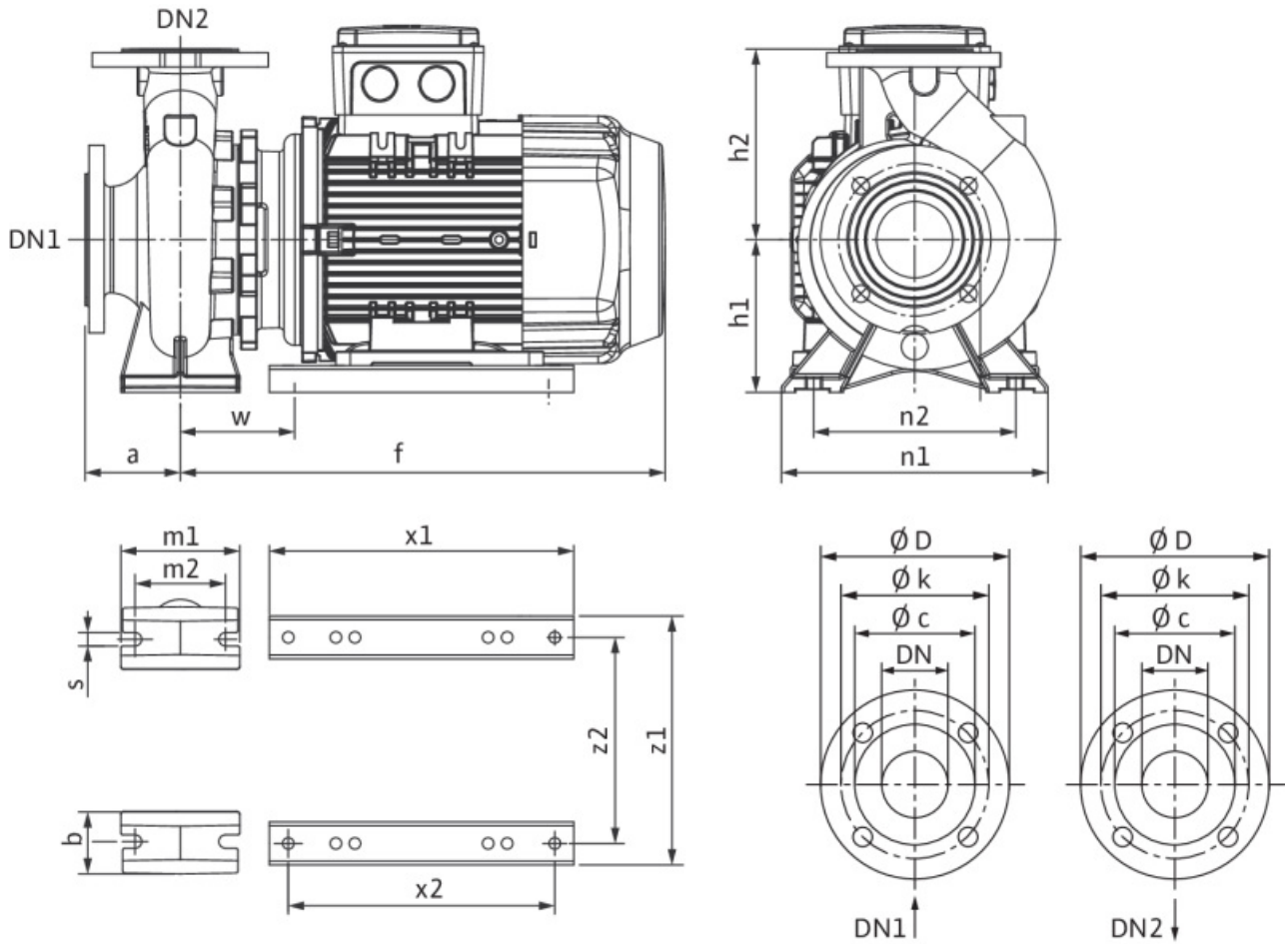
Dimensions

Glanded monobloc pump
BM-S 50/165-7,5/2

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 65, PN 10
Discharge side DN 50, PN 10

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
a	100	h1	160	Ø k	125	z1	261
b	50	h2	180	ØD	185	z2	216
d	12	m1	100	ØD	165		
dL	18	m2	71	s	13		
DN1	DN 65, PN 10	n1	265	w	108		
DN2	DN 50, PN 10	n2	212	x1	320		
f	504	Ø k	145	x2	280		

Customer

Technical data

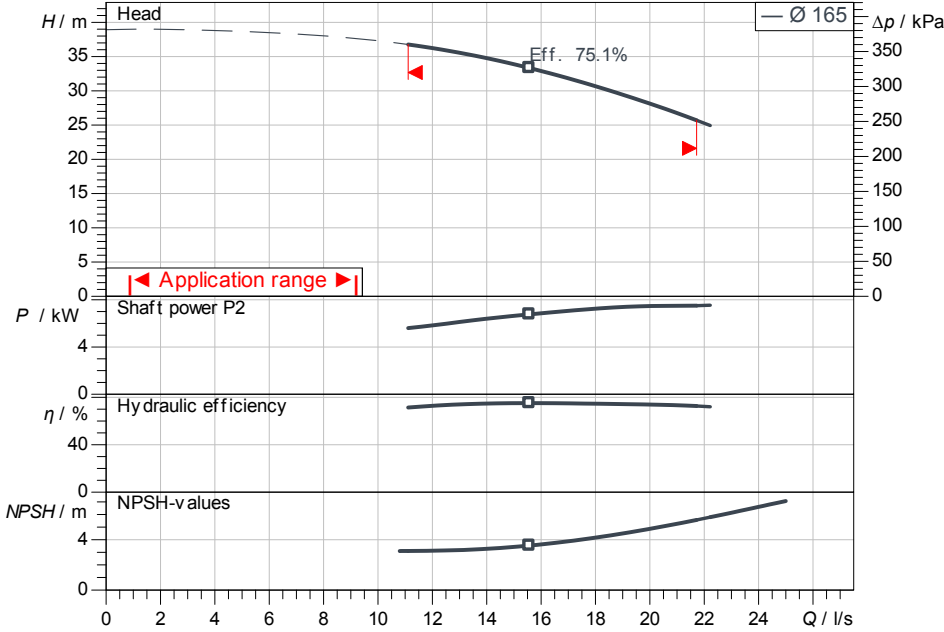
Glanded monobloc pump BM-S 50/165-7,5/2

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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 50/165-7,5/2
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 7.50 kW
Rated current 14.40 A
Power factor 0.87
Efficiency 50% / 75% / 100% 89.1/ 90.3/90.1%
Degree of protection IP55
Insulation class F
Motor protection No

Fitting dimensions

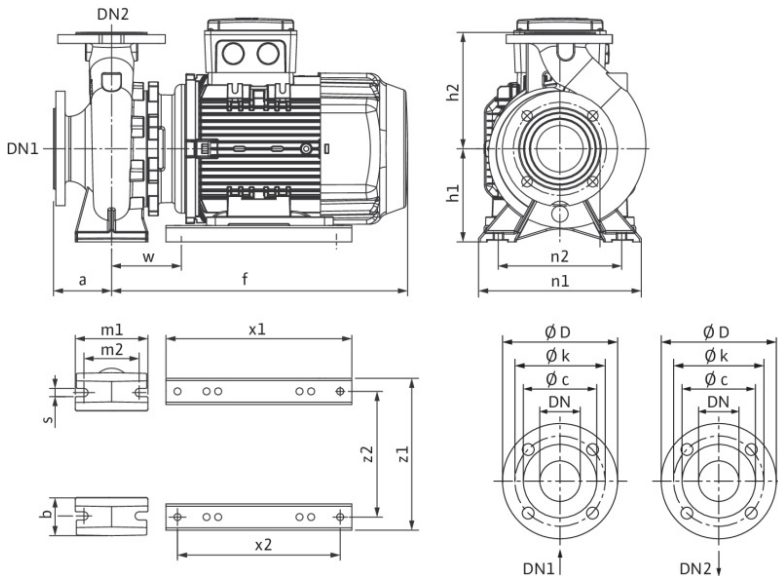
Pipe connection on the suction side DN 65, PN 10
Pipe connection (pressure side) DN 50, PN 10
Port to Port -

Materials

Pump housing 1.4408
Impeller 1.4408
Shaft 1.4362
Shaft seal Q1Q1VGG

Information for order placements

Weight approx. 82 kg
Item number 2103434



Hydraulic data

Glanded monobloc pump
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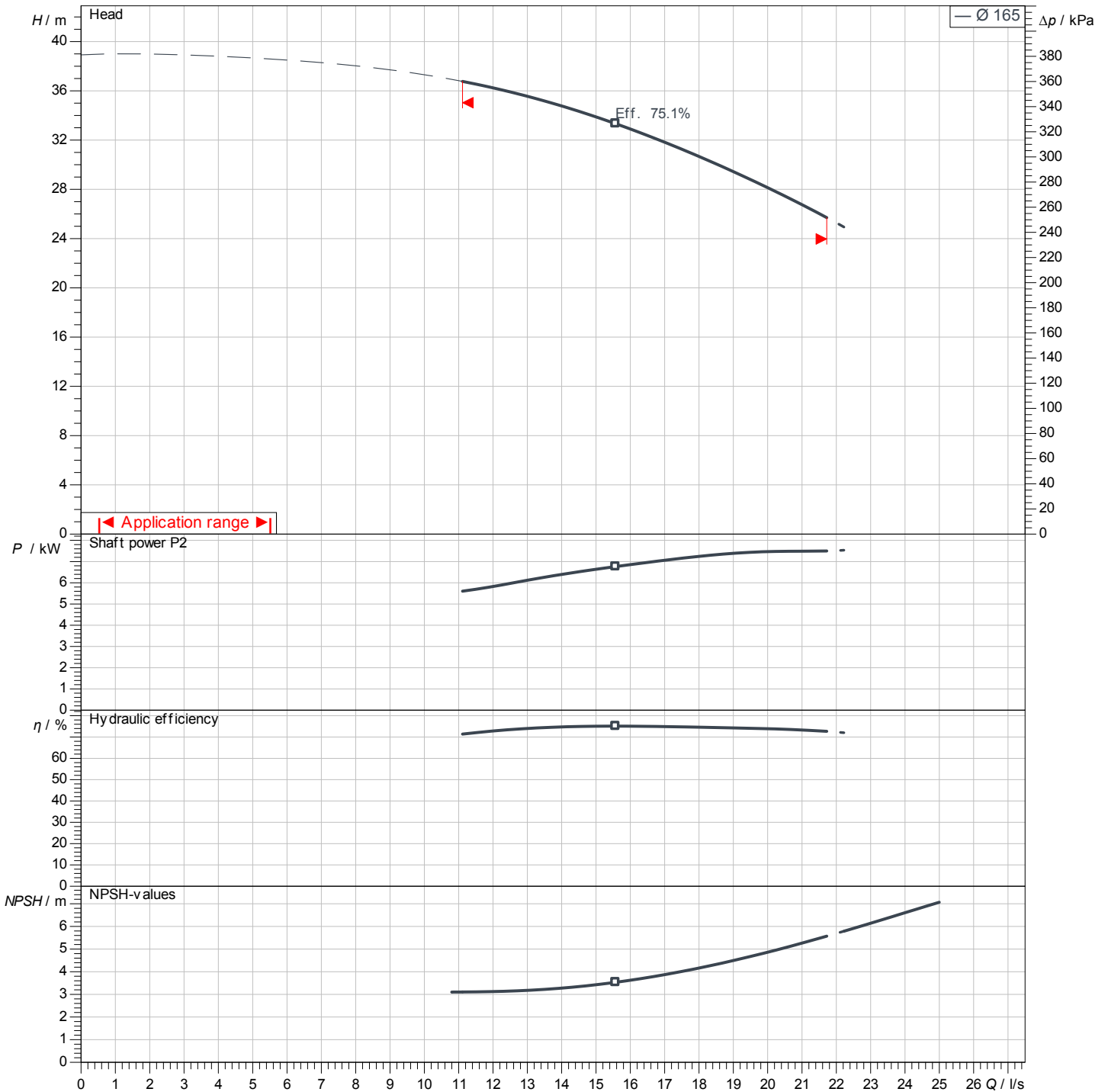
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Operating data

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



No test norm defined for this product