

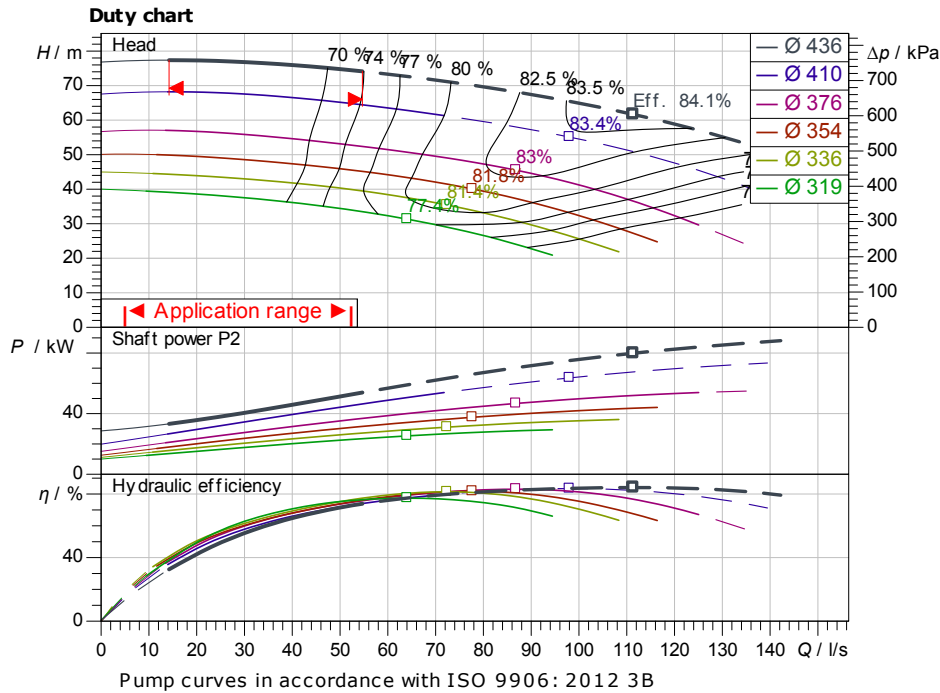
Technical data

Glanded standard pump Atmos GIGA-N 125/400-55/4

Project ID Untitled project 2025-03-03 06:26:03.775

Project name
Installation location
Customer pos. No.

Date 2025-03-03



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
Impeller size

436

Product data

Glanded standard pump
Atmos GIGA-N 125/400-55/4
Max. operating pressure
Fluid temperature
Max. ambient temperature
Minimum efficiency index (MEI)

1,600 kPa
-20 °C ... +140 °C
40 °C
≥ 0.4

Motordata per Motor/Pump

Motor efficiency level
Mains connection
Permitted voltage tolerance
Max. 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 %
1,480 1/min
55.00 kW
98.60 A
0.8
94.3/94.7/94.7%
IP55
F
PTC integrated

Fitting dimensions

Pipe connection on the suction side DN 150, PN 16
Pipe connection (pressure side) DN 125, PN 16
Port to Port

Materials

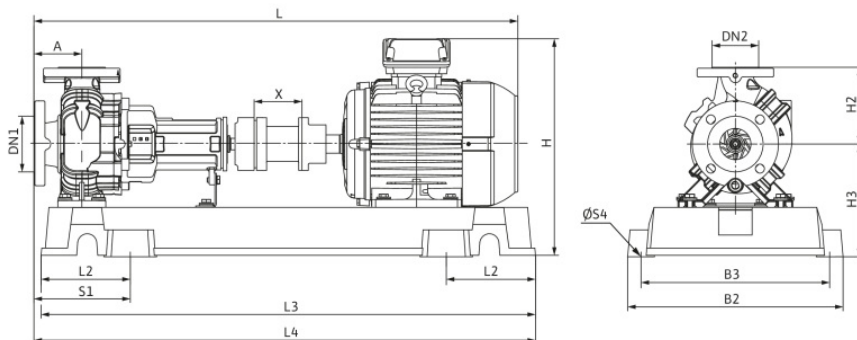
Pump housing
Impeller
Lantern
Shaft
Shaft seal

5.1301/EN-GJL-250
EN-GJL-200
5.1301/EN-GJL-250
1.4021
AQ1EGG

Information for order placements

Weight approx.
Item number

1001 kg
6086264



Dimensions

mm

A	140	H	840	L3	1,640
B2	660	H2	400	L4	1,650
B3	600	H3	438	S1	300
DN1	DN 150,	L	1,775	S4	29
DN2	DN 125,	L2	290	X	140

Hydraulic data

Glanded standard pump
Atmos GIGA-N 125/400-55/4

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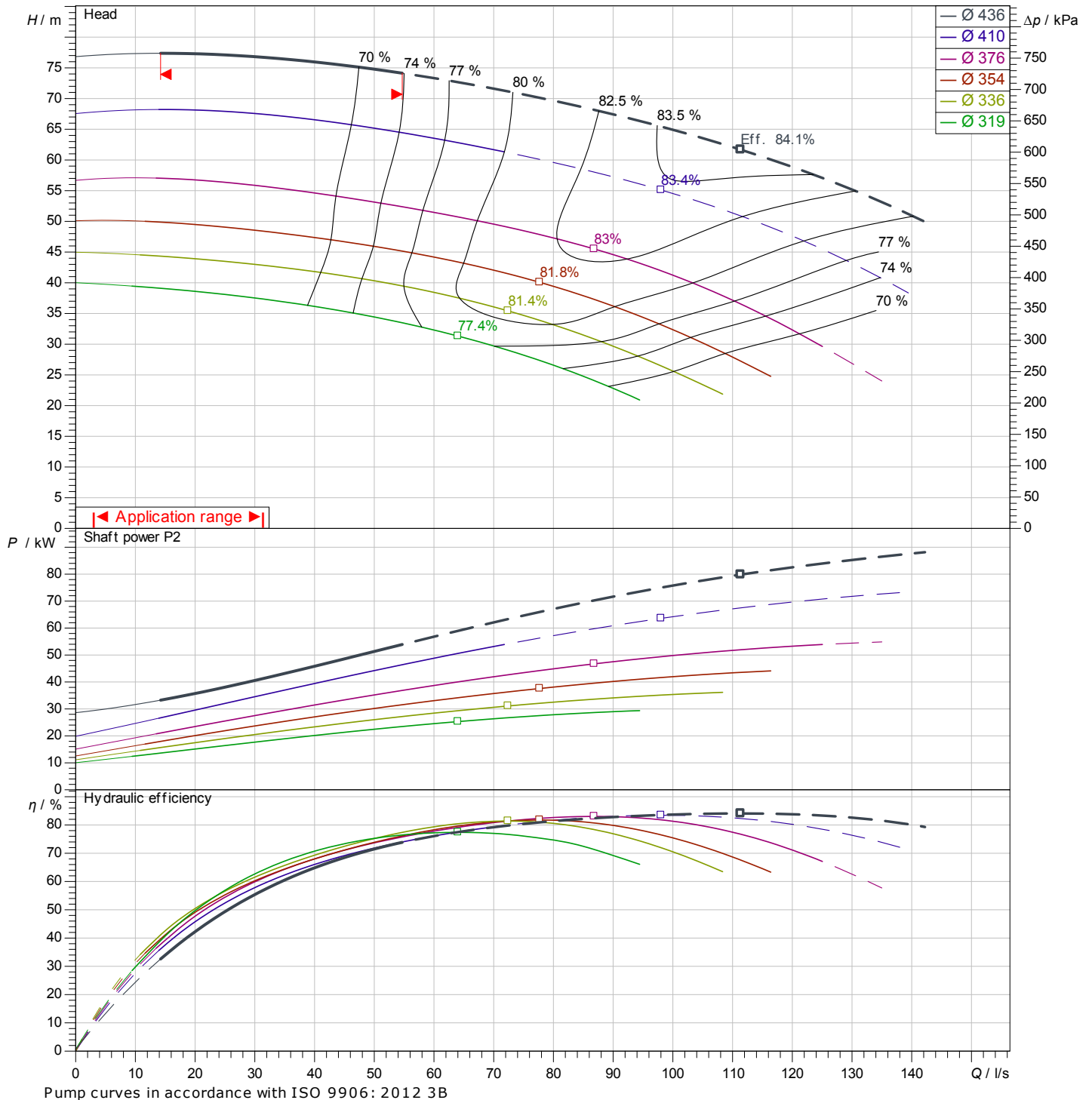
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Operating data

Rotational speed	Frequency	Duty point	H =	Suction port	Discharge port
1485 1/min	50 Hz	Q =		DN 150	DN 125

Power data referred to: Water; 20°C; 998.3kg/m³; 1.005mm²/s ±10 % tolerance with linear U/f frequency control





Contact
E-mail
Phone

Customer

Contact
E-mail
Phone

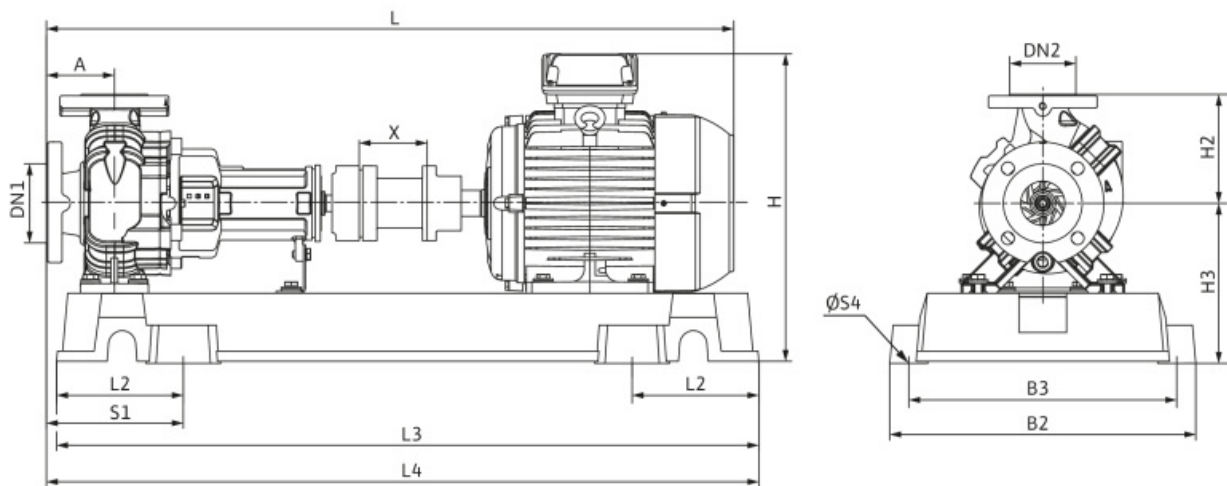
Dimensions

Glanded standard pump
Atmos GIGA-N 125/400-55/4

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Coupling with spacer

Suction side DN 150, PN 16
Discharge side DN 125, PN 16

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
A	140	H3	438	X	140		
B2	660	L	1,775				
B3	600	L2	290				
DN1	DN 150, PN 16	L3	1,640				
DN2	DN 125, PN 16	L4	1,650				
H	840	S1	300				
H2	400	S4	29				