

Technical data

Glanded standard pump

Atmos GIGA-N 80/400-B

Project ID

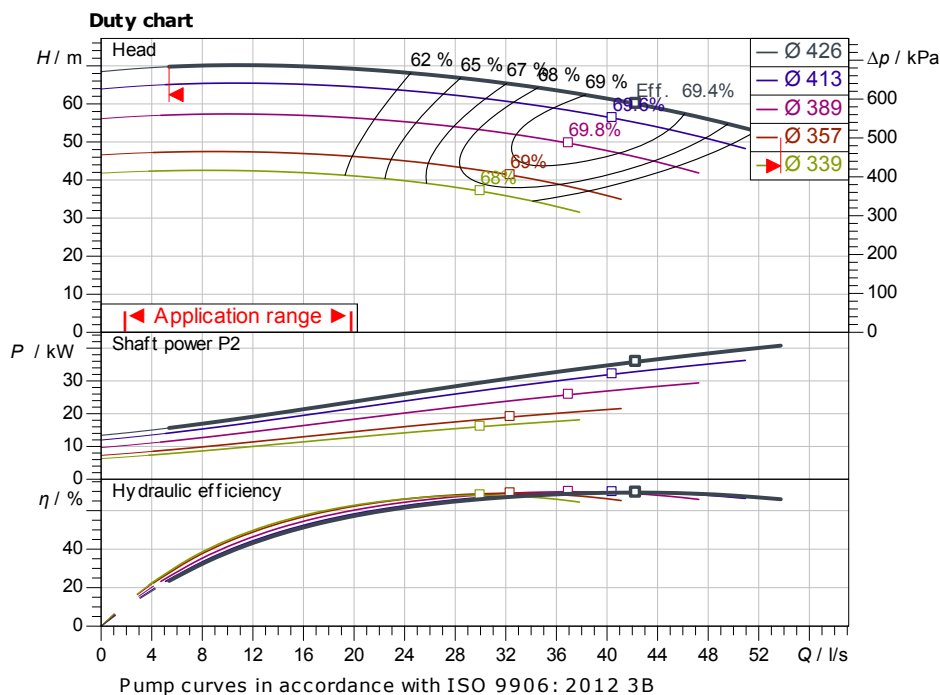
Untitled project 2025-03-01 20:23:09.313

Project name

Installation location

Customer pos. No.

Date 2025-03-01



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 P_2
Hydraulic efficiency
NPSH
Impeller size

426

Product data

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Max. operating pressure
Fluid temperature
Max. ambient temperature
Minimum efficiency index (MEI)

1,600 kPa
-20 °C ... +140 °C
40 °C

Motor data per Motor/Pump

Motor efficiency level
Mains connection
Permitted voltage tolerance
Max. speed
Rated power P_2
Rated current
Power factor
Efficiency
50% / 75% / 100%
Degree of protection
Insulation class
Motor protection

V / Hz

Fitting dimensions

Pipe connection on the suction side DN 100, PN 16
Pipe connection (pressure side) DN 80, PN 16
Port to Port

Materials

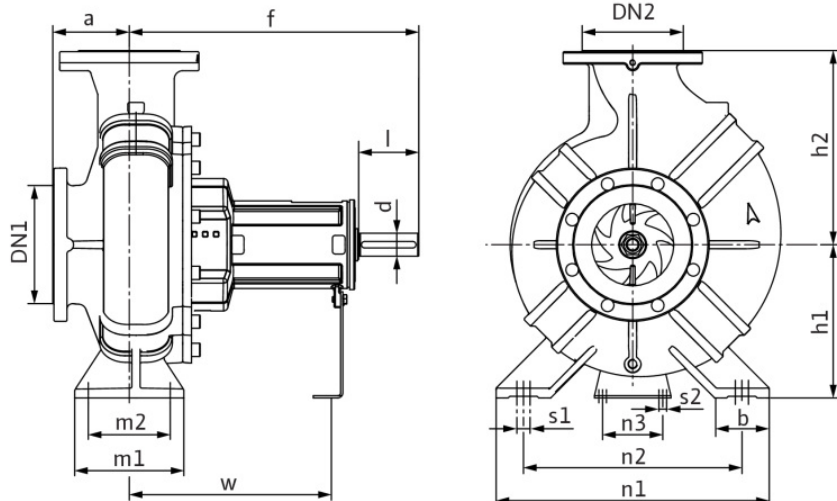
Pump housing
Impeller
Lantern
Shaft
Shaft seal

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

Information for order placements

Weight approx.
Item number

6090518



Dimensions

mm

a	125	DN2	DN 80, P	h2	355	n2	355
b	80	f	530	l	110	n3	110
d	42	h1	280	m1	160	Ø k	180
dL	19	h1	280	m2	120	Ø d	156
DN1	DN 100,	h2	355	n1	435	Ø D	220

Hydraulic data

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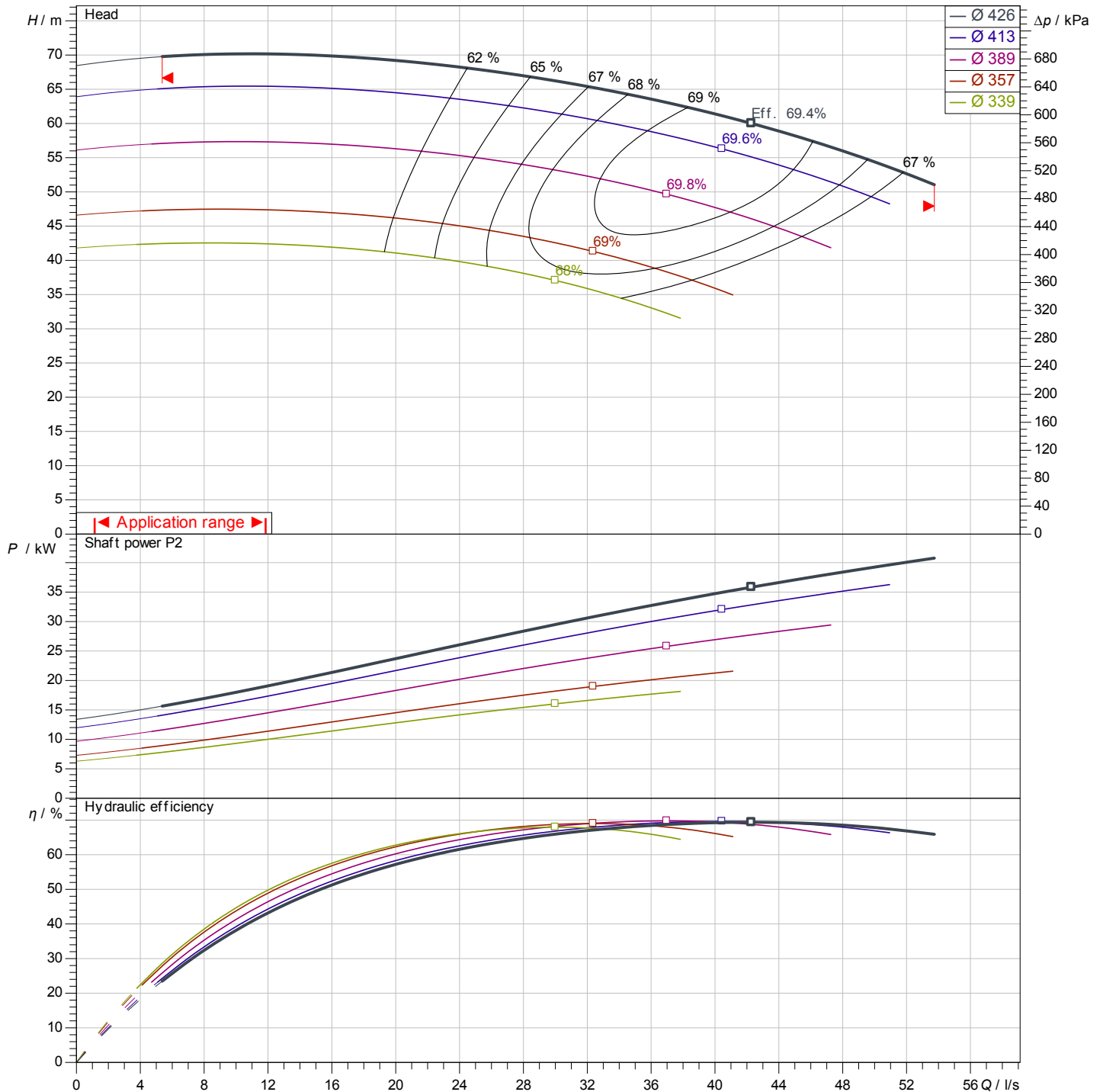
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Operating data

Rotational speed	Frequency	Duty point	H =	Suction port	Discharge port
1482 1/min	Hz	Q =		DN 100	DN 80

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



Pump curves in accordance with ISO 9906: 2012 3B



Contact
E-mail
Phone

Customer

Contact
E-mail
Phone

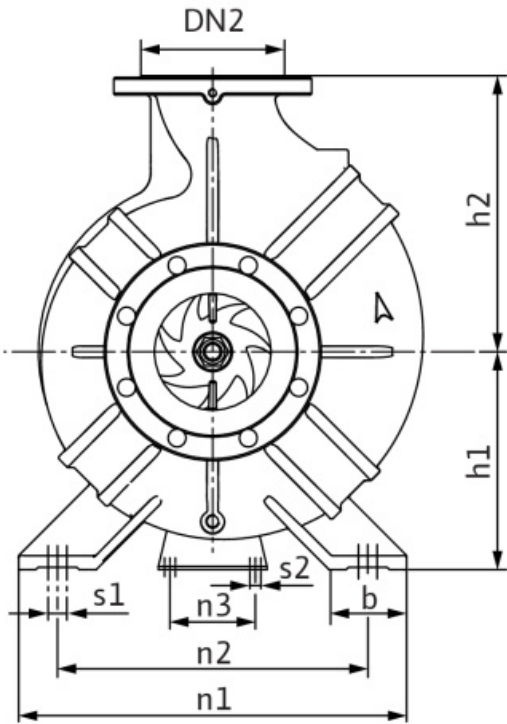
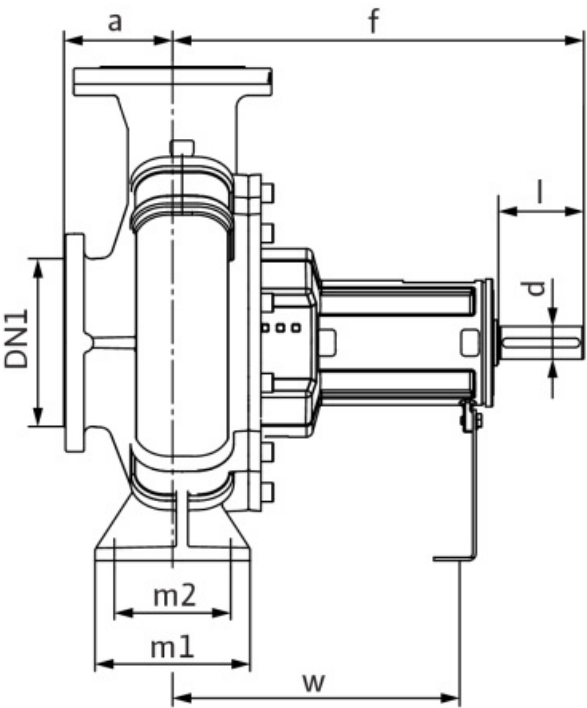
Dimensions

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Bareshaft

Suction side DN 100, PN 16
Discharge side DN 80, PN 16

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
a	125	h1	280	n1	435	s2	12
b	80	h1	280	n2	355	w	370
d	42	h2	355	n3	110	x	140
dL	19	h2	355	Ø k	180		
DN1	DN 100, PN 16	l	110	Ø d	156		
DN2	DN 80, PN 16	m1	160	Ø D	220		
f	530	m2	120	s1	16		