

Receiver

From

Company
Reference
Address
Phone
Fax
E-mail

Item n° :

1D6511BEX

Customer pos. no.:

Model :

NKM-G 100-315/316/A/BAQE/22/4 IE3

Pump data

Impeller size (mm) : 316

MEI ≥ 0,40

Pressure rating : PN 16

Min. fluid temperature : -10 °C

Max. fluid temperature : 140 °C

Max. Ambient temperature : 50 °C

Requested data

Flow :

Head :

Fluid (%) :

Fluid Temperature : 20 °C

Density : 998,3 kg/m³

Kinematic viscosity : 1,005 mm²/s

Vapor pressure : 0,34 psi

Real duty point

Flow :

Head :

NPSH :

Shaft power P2 :

Efficiency :

Materials

Pump body Cast iron 250 UNI ISO 185

Support Cast iron 250 UNI ISO 185

Impeller Cast iron 250 UNI ISO 185

Mechanical seal SEE "SHAFT SEAL" SECTION

O-Ring Ethylene propylene (EPDM)

Pump shaft AISI 304 X5 Cr Ni 1810 UNI 6900/71

Seal spacer AISI 304 X5 Cr Ni 1810 UNI 6900/71

Shaft seal

Type

Rubber

Stationary part

Silicon carbide

Rotating part

Carbon

Elastomer

EPDM

Motor data

Nominal power P2 : 22 kW

Rated speed : 1.470 1/min

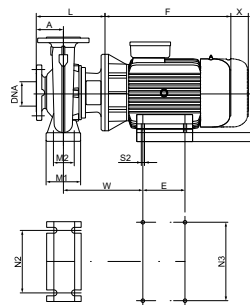
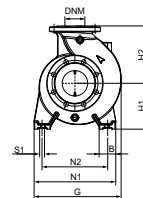
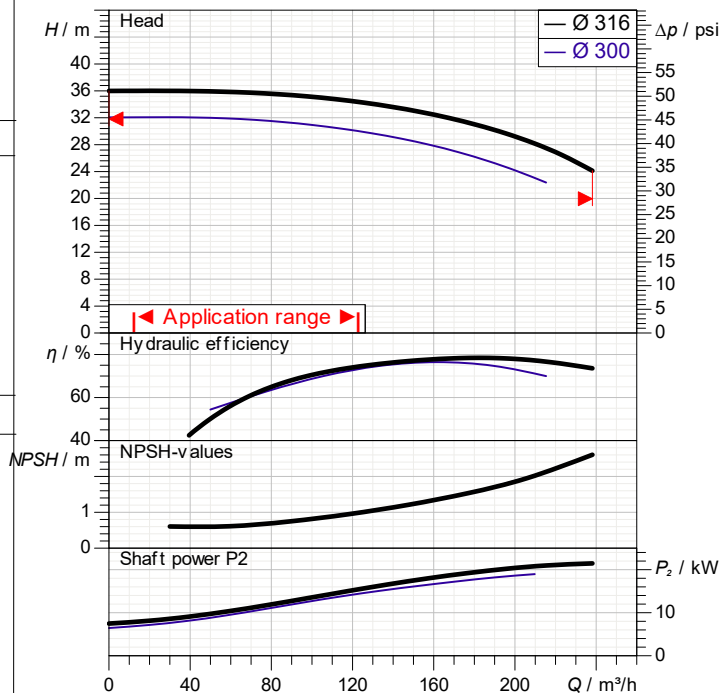
Rated voltage : 3~ 400 V

50 Hz

Nominal current : 40,5 A

Degree of protection : IP 55

Curve tolerance according to ISO 9906



Weight : 272 kg

Dimensions in

mm

A	140	H2	315	S1	M14
B	80	H4	70	S2	M12
DNA	125	L	413	W	394
DNM	100	M1	160	X	140
E	279	M2	120		
F	580	N1	400		
G	478	N2	315		
H1	250	N3	279		

Pump connection

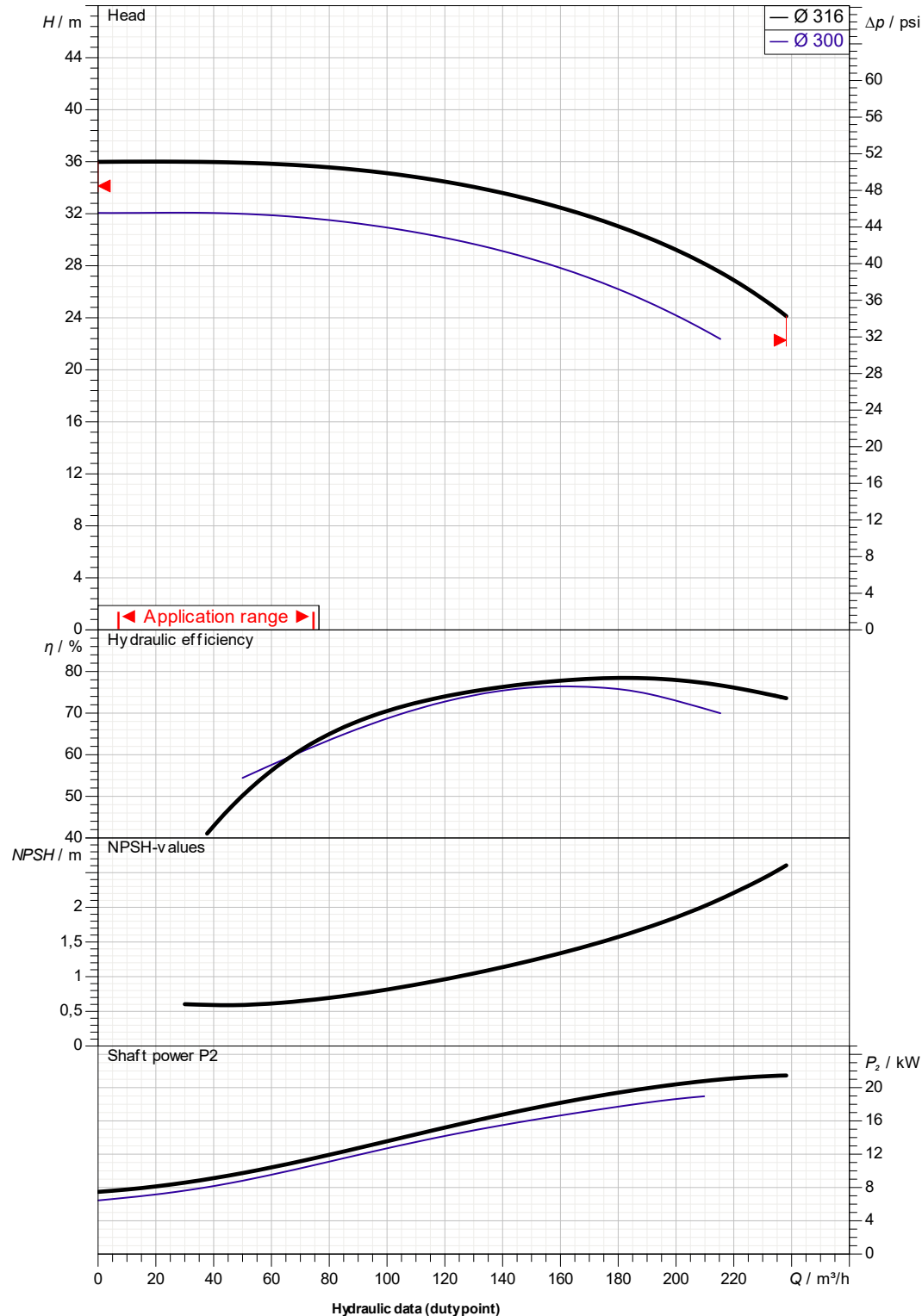
Suction side : DN 125 / PN 16

Discharge side : DN 100 / PN 16

Receiver

From

Company
Reference
Address
Phone
Fax
E-mail

NKM-G 100-315/316/A/BAQE/22/4 IE3
Curve tolerance according to ISO 9906


Suction side :
DN 125
PN 16

Discharge side :
DN 100
PN 16

Flow :

Head :

Rated speed :
1.470 1/min

MAIN_PROJECT_TITLE

BUSINESS_PROCESS_ID

OWNER_

ISSUE_DATE

2025-07-20



DIMENSIONAL DRAWING

2025-07-20

Page 3 / 3

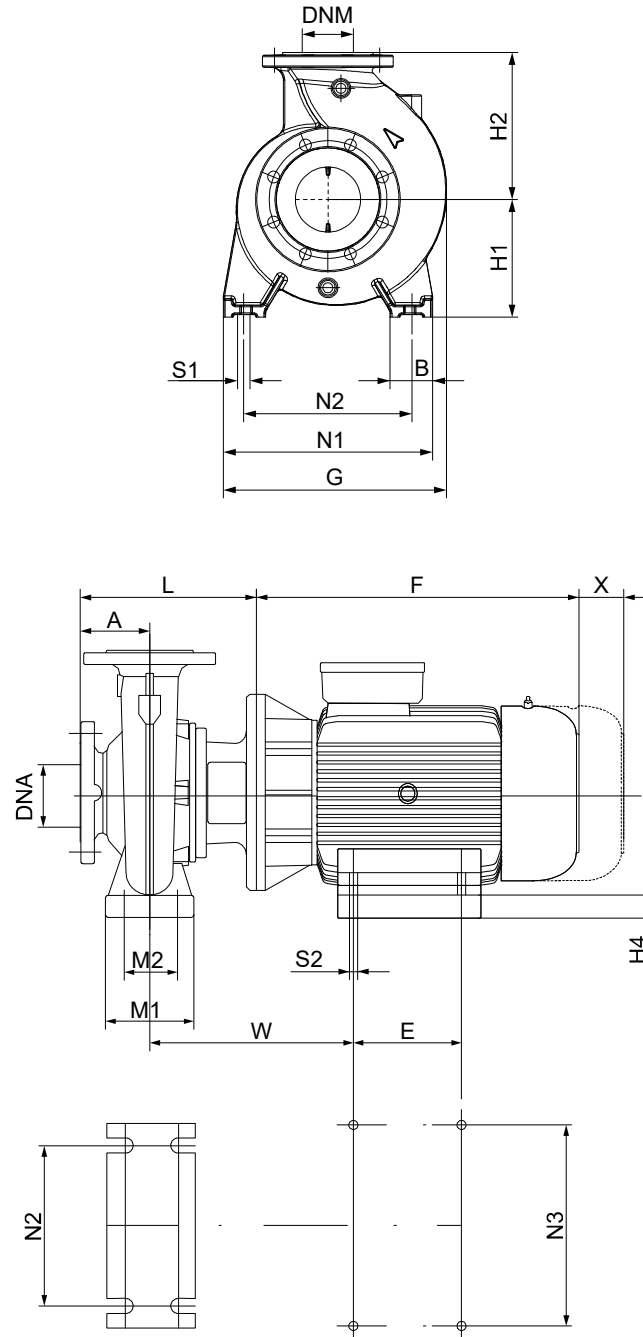
DAB PUMPS S.p.A.
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy
Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

Receiver

From

Company
Reference
Address
Phone
Fax
E-mail

NKM-G 100-315/316/A/BAQE/22/4 IE3



Dimensions in mm

Pump connection

1	A	140	M1	160				
2	B	80	M2	120				
3	DNA	125	N1	400				Suction
4	DNM	100	N2	315				DN 125
5	E	279	N3	279				PN 16
6	F	580	S1	M14				
7	G	478	S2	M12				Discharge
8	H1	250	W	394				DN 100
9	H2	315	X	140				PN 16
10	H4	70						
11	L	413						

MAIN_PROJECT_TITLE

BUSINESS_PROCESS_ID

OWNER_

ISSUE_DATE

2025-07-20