

Receiver
From

Company
Reference
Address
Phone
Fax
E-mail

Item n° :

1D5511BEX

Customer pos. no.:
Model :

NKM-G 80-315/334/A/BAQE/22/4 IE3

Pump data

Impeller size (mm) : 334

MEI $\geq$ 0,50

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

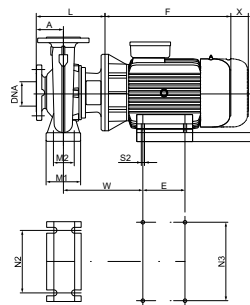
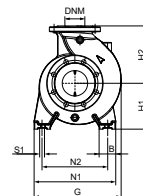
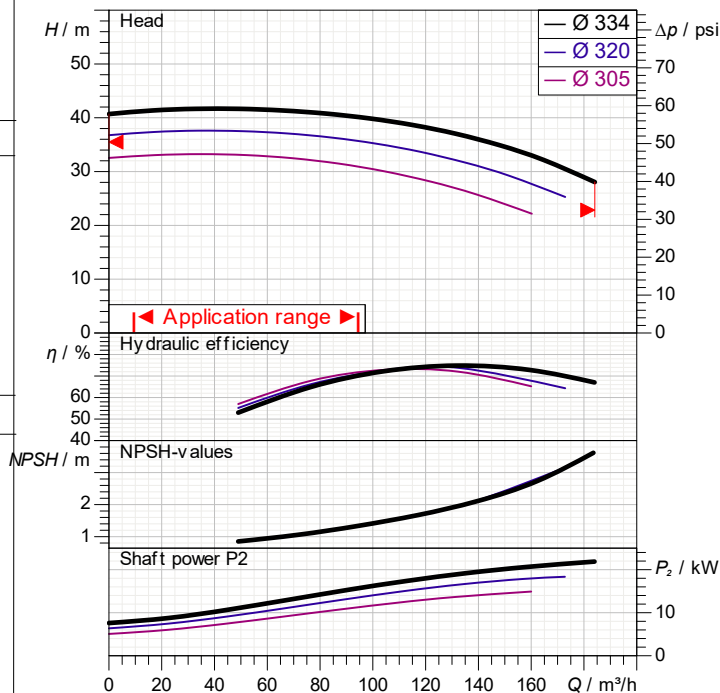
Rated speed : 1.470 1/min

Rated voltage : 3~ 400 V

50 Hz

Nominal current : 40,5 A

Degree of protection : IP 55

Curve tolerance according to ISO 9906

Weight : 298 kg

Dimensions in mm

A	125	H4	70	W	415
B	80	L	398	X	140
DNA	100	M1	160		
DNM	80	M2	120		
E	279	N1	400		
F	580	N2	315		
H1	250	N3	279		
H2	315	S1	M14		

Pump connection

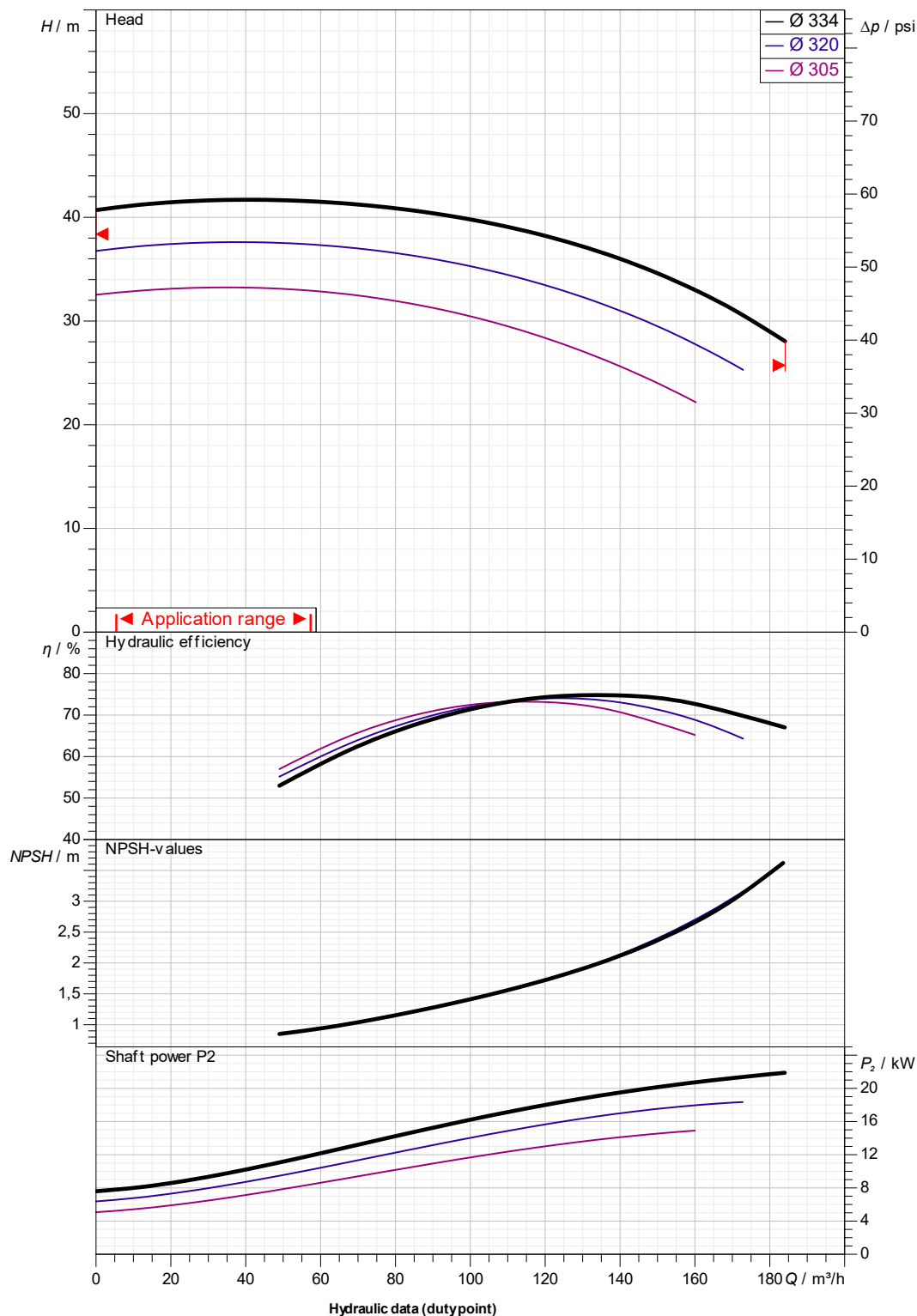
Suction side : DN 100 / PN 16

Discharge side : DN 80 / PN 16

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NKM-G 80-315/334/A/BAQE/22/4 IE3
Curve tolerance according to ISO 9906


Suction side :
DN 100
PN 16

Discharge side :
DN 80
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

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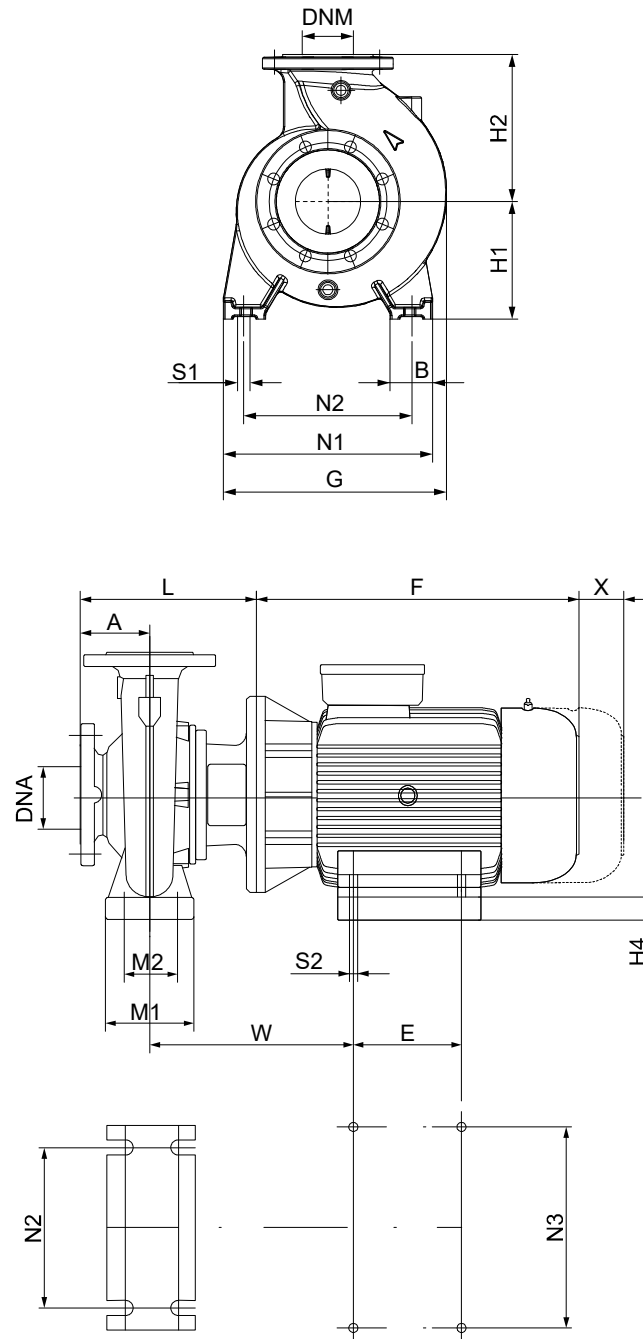
DAB PUMPS S.p.A.
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy
Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

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Dimensions in mm

Pump connection

1	A	125	M2	120				
2	B	80	N1	400				
3	DNA	100	N2	315				Suction
4	DNM	80	N3	279				DN 100
5	E	279	S1	M14				PN 16
6	F	580	W	415				
7	H1	250	X	140				Discharge
8	H2	315						DN 80
9	H4	70						PN 16
10	L	398						
11	M1	160						

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