

Receiver

Company
Reference
Address
Phone
Fax
E-mail

From

Item n° : 1D2111B8V
Customer pos. no.:

Model :
NKP-G 40-125/139/A/BAQE/4/2 IE3

Pump data

Impeller size (mm) : 139
MEI $\geq 0,40$
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

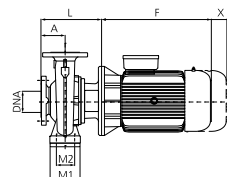
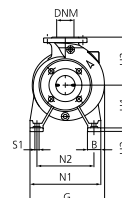
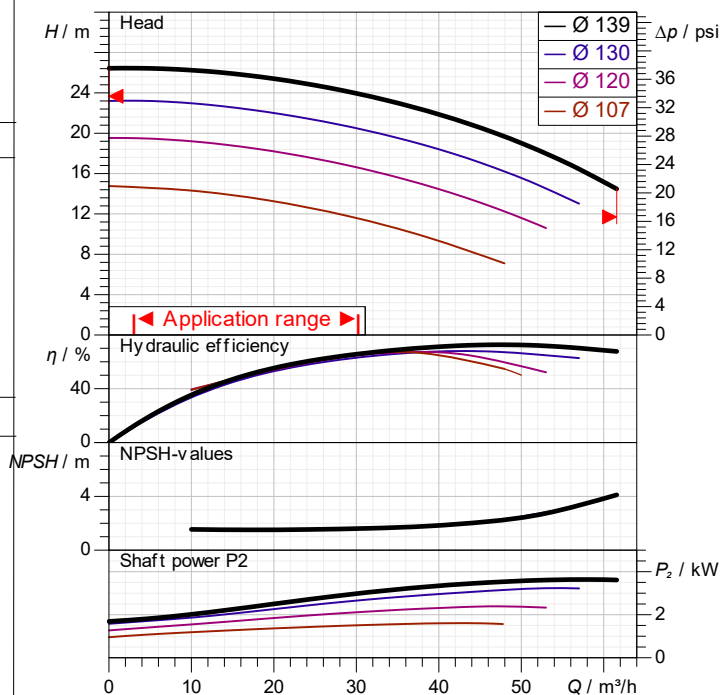
Shaft seal

Type : Rubber
Stationary part : Silicon carbide
Rotating part : Carbon
Elastomer : EPDM

Motor data

Nominal power P2 : 4 kW
Rated speed : 2.920 1/min
Rated voltage : 3~ 400 V 50 Hz
Nominal current : 8 A
Degree of protection : IP 55

Curve tolerance according to ISO 9906



Weight : 98 kg

Dimensions in mm

A	80	H3	20
B	50	L	254
DNA	65	M1	100
DNM	40	M2	70
F	328	N1	210
G	300	N2	160
H1	112	S1	M10
H2	140	X	100

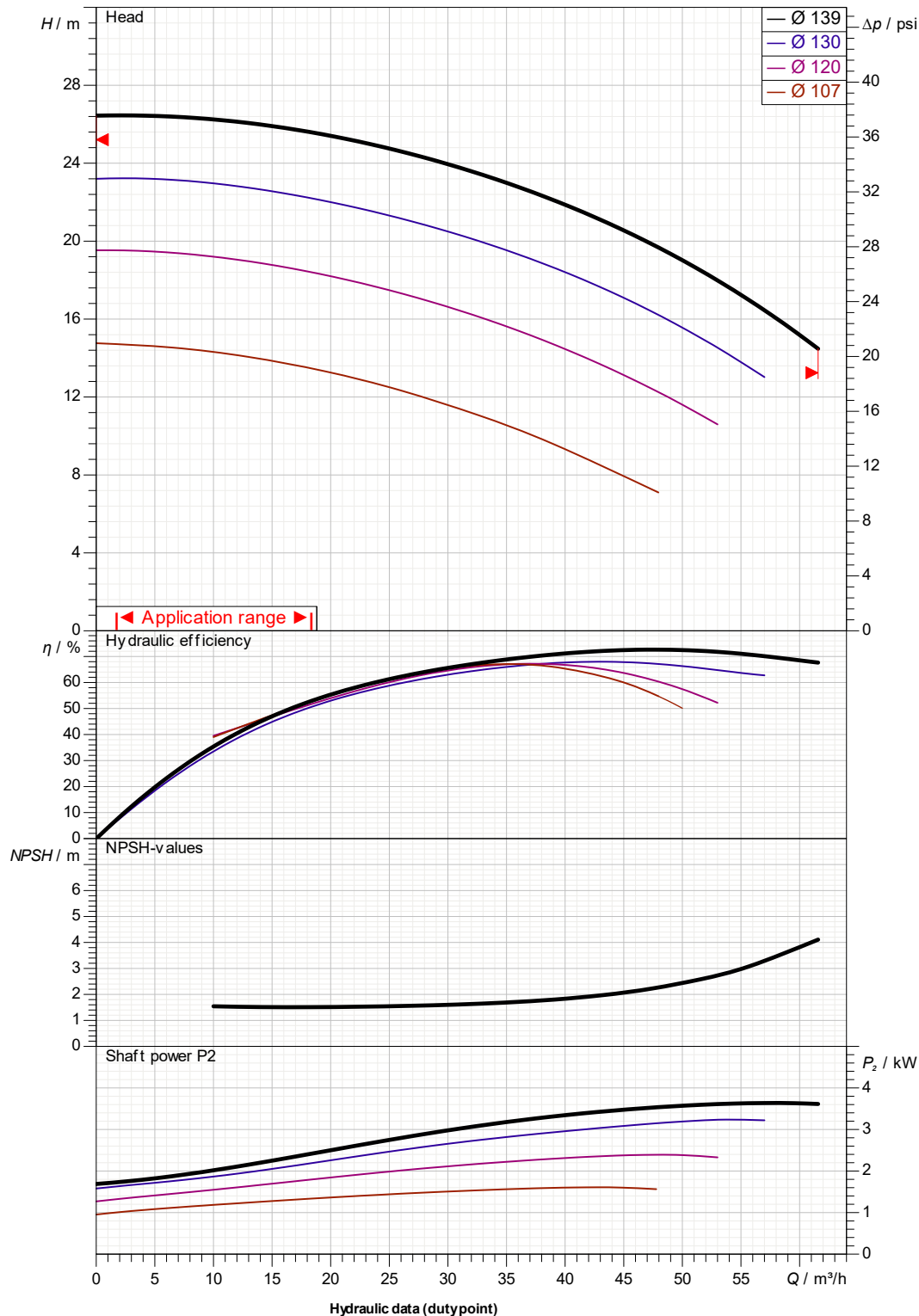
Pump connection

Suction side : DN 65 / PN 16
Discharge side : DN 40 / PN 16

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NKP-G 40-125/139/A/BAQE/4/2 IE3
Curve tolerance according to ISO 9906


Suction side :
DN 65
PN 16

Discharge side :
DN 40
PN 16

Flow :

Head :

Rated speed :
2.920 1/min

MAIN_PROJECT_TITLE

BUSINESS_PROCESS_ID

OWNER_

ISSUE_DATE

2025-07-20



DIMENSIONAL DRAWING

2025-07-20

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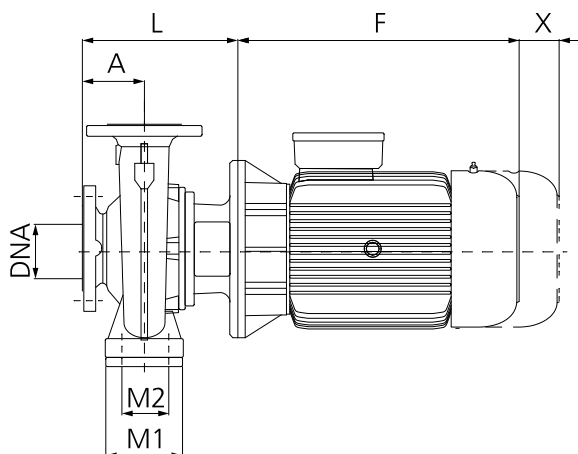
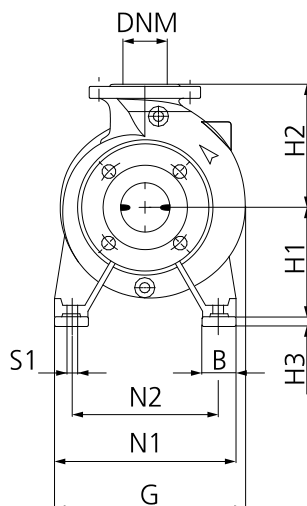
DAB PUMPS S.p.A.
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Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

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Dimensions in mm

Pump connection

1	A	80	M2	70				
2	B	50	N1	210				Suction
3	DNA	65	N2	160				DN 65
4	DNM	40	S1	M10				PN 16
5	F	328	X	100				
6	G	300						
7	H1	112						Discharge
8	H2	140						DN 40
9	H3	20						PN 16
10	L	254						
11	M1	100						

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