

Receiver

Company
Reference
Address
Phone
Fax
E-mail

From

Item n° :
1D3111B3W

Customer pos. no.:

Model :
NKM-G 50-125/141/A/BAQE/0,75/4 IE3

Pump data

Impeller size (mm) : 141

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 : 0,75 kW

Rated speed : 1.435 1/min

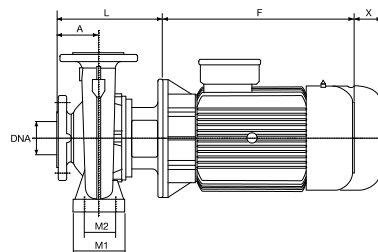
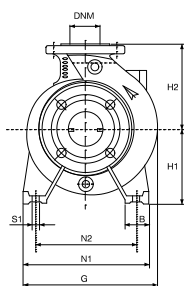
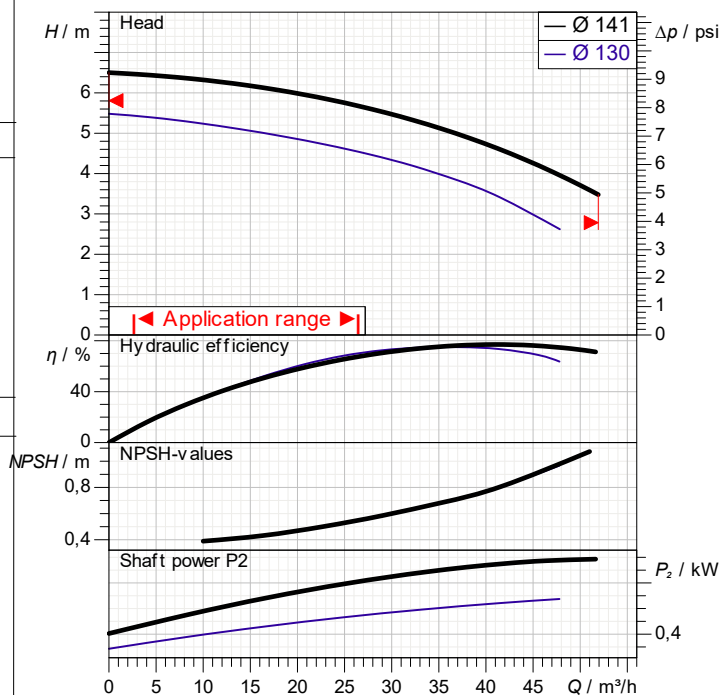
Rated voltage : 3~ 230 V

Nominal current : 3,1 A

Degree of protection : IP 55

50 Hz

Curve tolerance according to ISO 9906



Weight : 51 kg

Dimensions in mm

A	100	L	246
B	50	M1	100
DNA	65	M2	70
DNM	50	N1	240
F	232	N2	190
G	250	S1	M10
H1	132	X	100
H2	160		

Pump connection

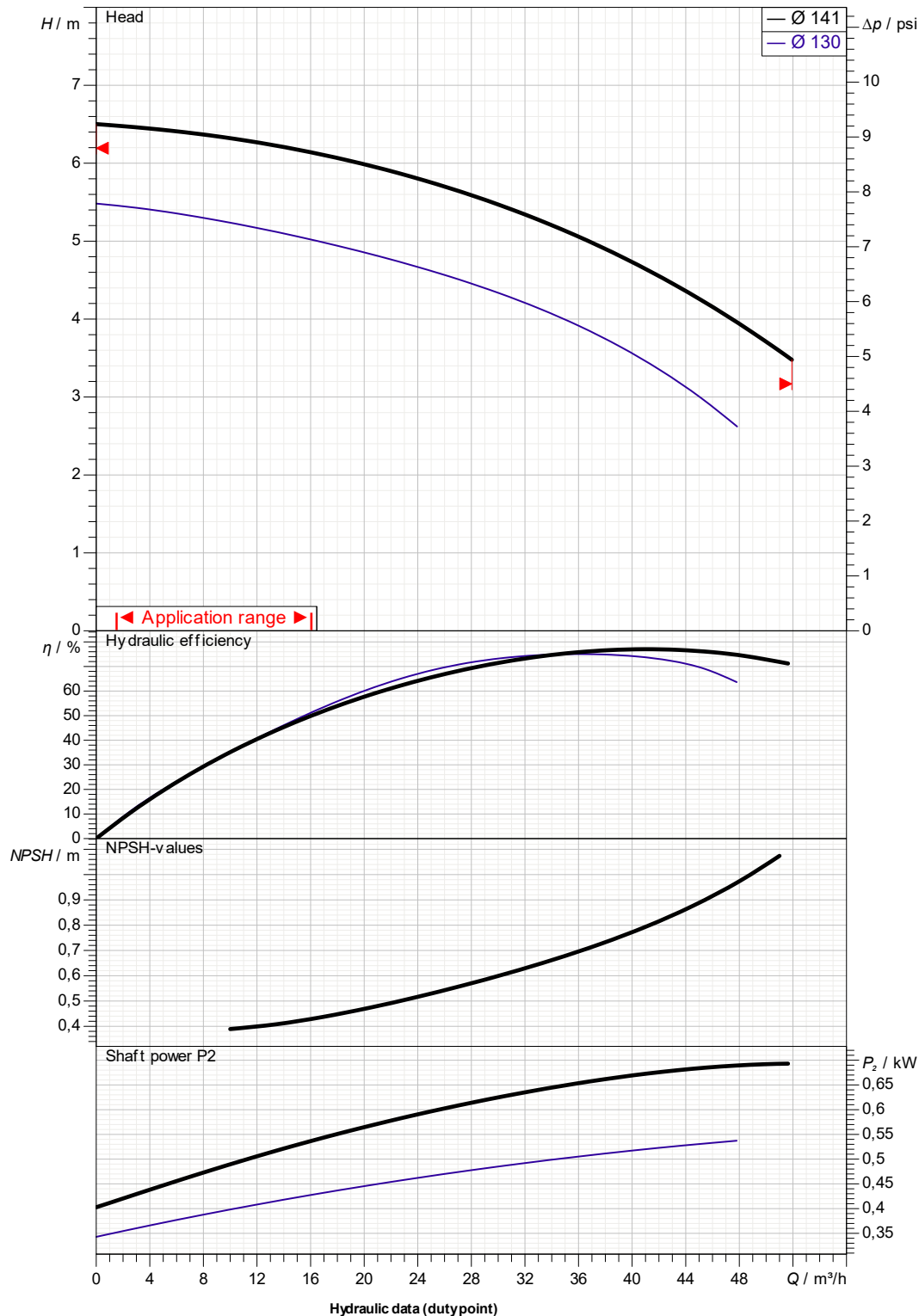
Suction side : DN 65 / PN 16

Discharge side : DN 50 / PN 16

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NKM-G 50-125/141/A/BAQE/0,75/4 IE3
Curve tolerance according to ISO 9906


Suction side :

DN 65

PN 16

Discharge side :

DN 50

PN 16

Flow :

Head :

Rated speed :

1.435 1/min

MAIN_PROJECT_TITLE

BUSINESS_PROCESS_ID

OWNER_

ISSUE_DATE

2025-07-20



DIMENSIONAL DRAWING

2025-07-20

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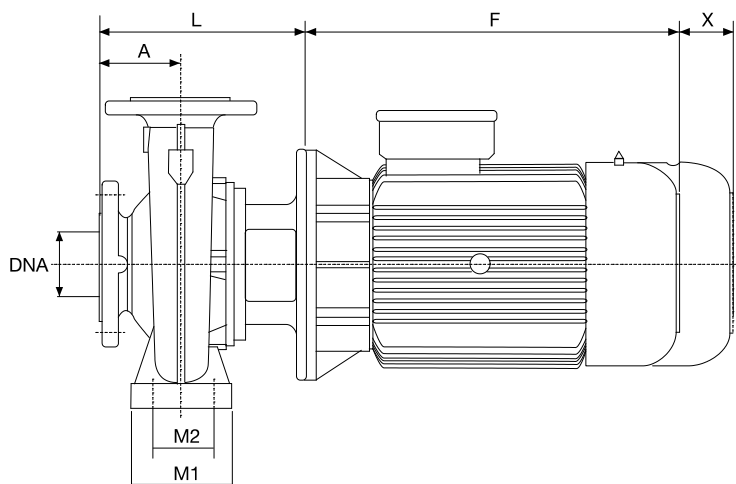
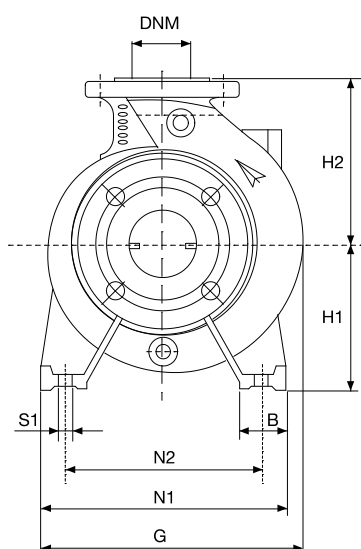
DAB PUMPS S.p.A.
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy
Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

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Dimensions in mm

Pump connection

1	A	100	N1	240						
2	B	50	N2	190						
3	DNA	65	S1	M10						Suction
4	DNM	50	X	100						DN 65
5	F	232								PN 16
6	G	250								
7	H1	132								Discharge
8	H2	160								DN 50
9	L	246								PN 16
10	M1	100								
11	M2	70								

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