

Receiver

Company
Reference
Address
Phone
Fax
E-mail

From

Item n° : 1D4111B4W
Customer pos. no.:

Model :
NKM-G 65-125/144/A/BAQE/1,1/4 IE3

Pump data

Impeller size (mm) : 144

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 : 1,1 kW

Rated speed : 1.440 1/min

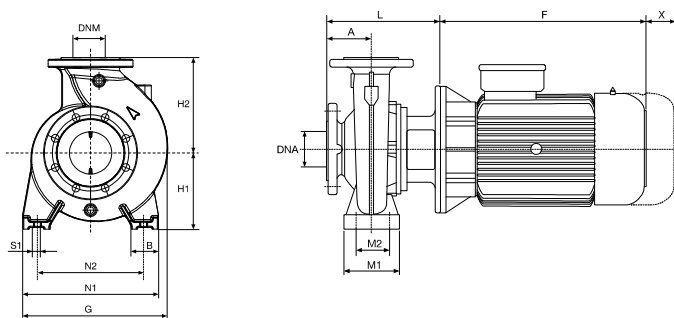
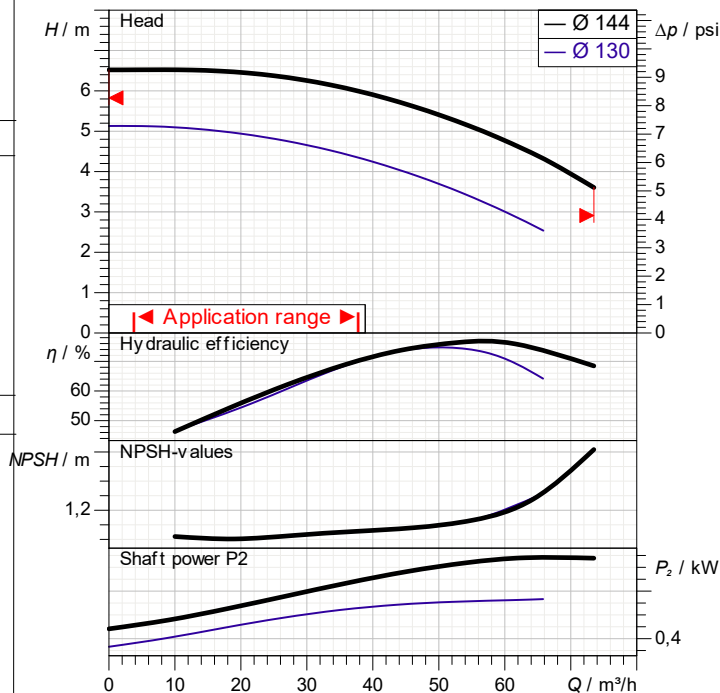
Rated voltage : 3~ 230 V

Nominal current : 4,3 A

Degree of protection : IP 55

50 Hz

Curve tolerance according to ISO 9906



Weight : 61 kg

Dimensions in mm

A	100	L	246		
B	65	M1	125		
DNA	80	M2	95		
DNM	65	N1	280		
F	267	N2	212		
G	286	S1	M10		
H1	160	X	100		
H2	180				

Pump connection

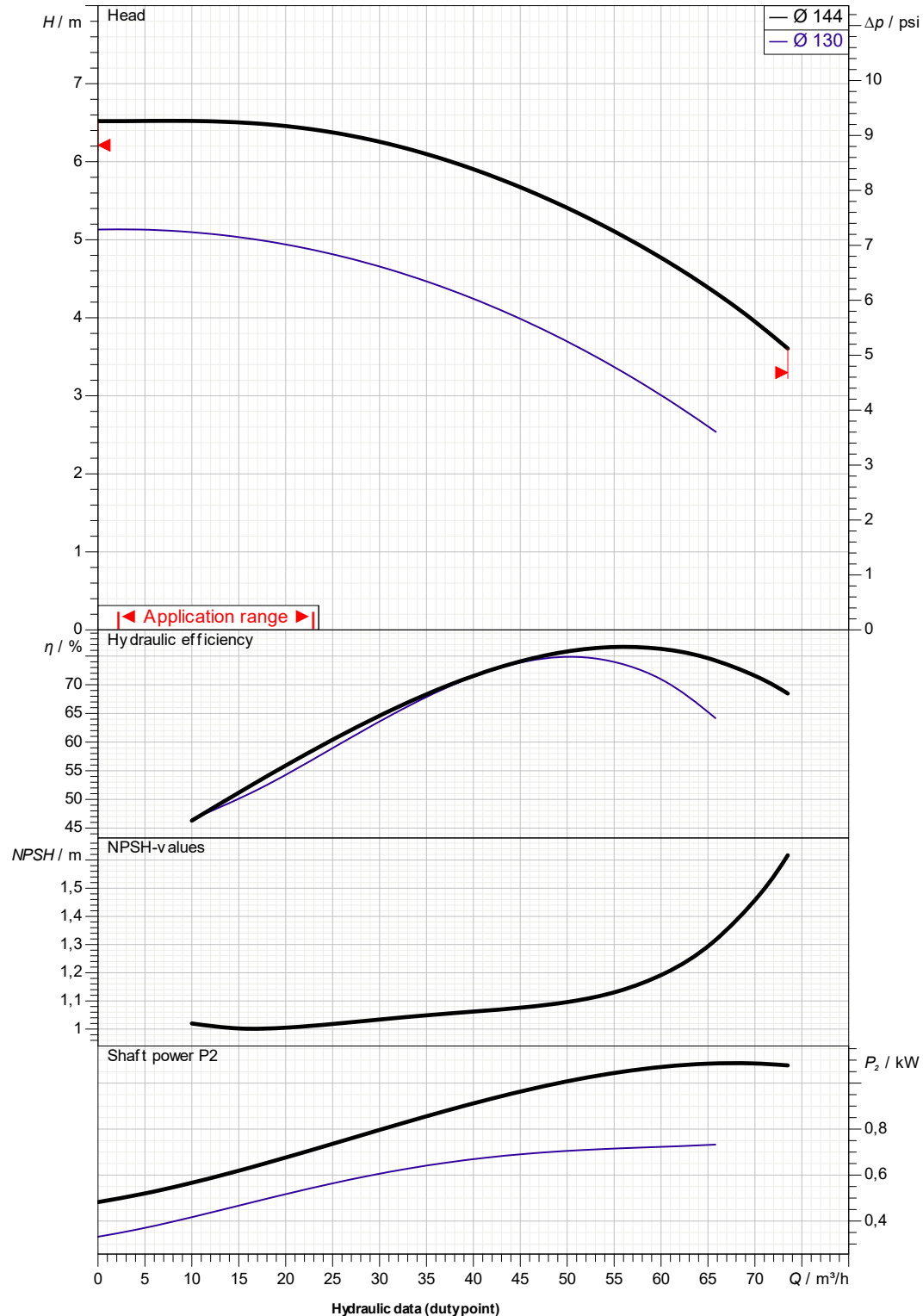
Suction side : DN 80 / PN 16

Discharge side : DN 65 / PN 16

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NKM-G 65-125/144/A/BAQE/1,1/4 IE3
Curve tolerance according to ISO 9906


Suction side :
DN 80
PN 16

Discharge side :
DN 65
PN 16

Flow :

Head :

Rated speed :
1.440 1/min

MAIN_PROJECT_TITLE

BUSINESS_PROCESS_ID

OWNER_

ISSUE_DATE

2025-07-20



DIMENSIONAL DRAWING

2025-07-20

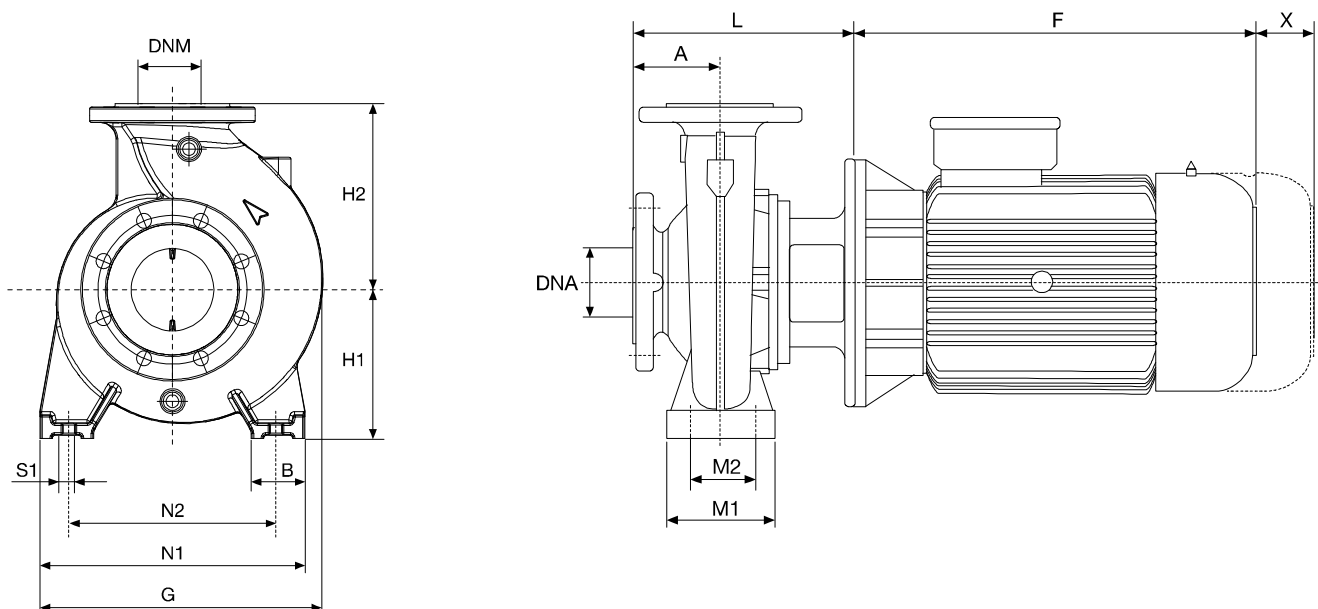
Page 3 / 3

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www.dabpumps.com

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Dimensions in mm

Pump connection

1	A	100	N1	280						
2	B	65	N2	212						
3	DNA	80	S1	M10						Suction
4	DNM	65	X	100						DN 80
5	F	267								PN 16
6	G	286								
7	H1	160								Discharge
8	H2	180								DN 65
9	L	246								PN 16
10	M1	125								
11	M2	95								

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