DATA SHEET

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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

Receiver

Company
Reference
Address
Phone
Fax
E-mail

From

Item n° : **Customer pos. no.:**

1D2111B2C

Model :

NKM-G 40-125/142/A/BAQE/0,55/4 IE2

Pump data

Impeller size (mm) :	142
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

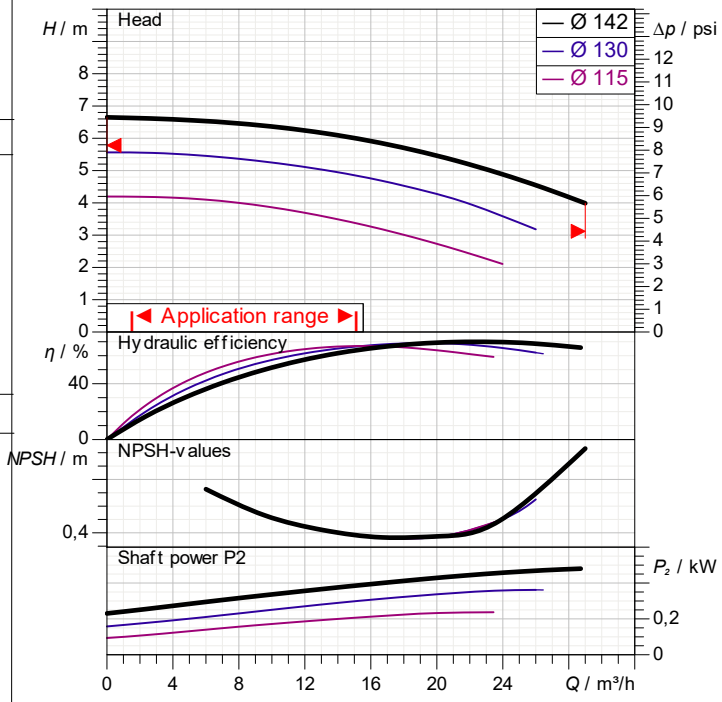
Shaft seal

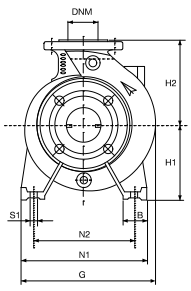
Type	Rubber
Stationary part	Silicon carbide
Rotating part	Carbon
Elastomer	EPDM

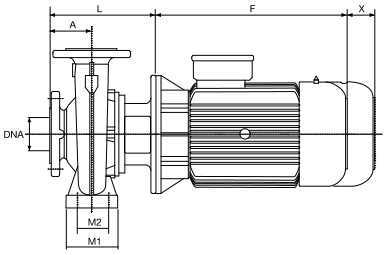
Motor data

Nominal power P2 :	0,55 kW	
Rated speed :	1.420 1/min	
Rated voltage :	3~ 230 V	50 Hz
Nominal current :	2,6 A	
Degree of protection :	IP 55	

Curve tolerance according to ISO 9906







Weight : 47 kg

Dimensions in mm

A	80	L	201		
B	50	M1	100		
DNA	65	M2	70		
DNM	40	N1	210		
F	234	N2	160		
G	235	S1	M10		
H1	112	X	100		
H2	140				

Pump connection

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

PERFORMANCE CURVES

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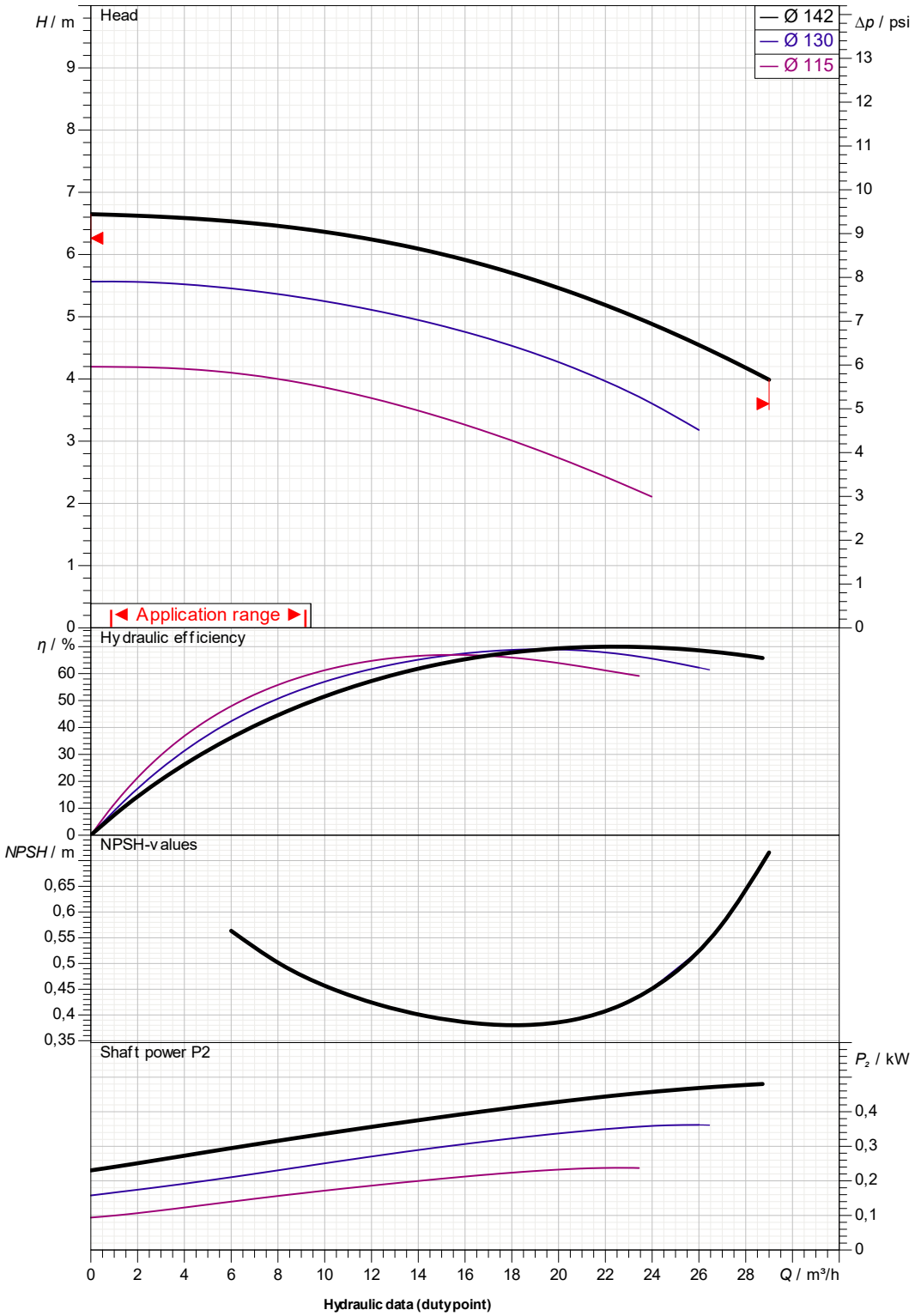
Curve tolerance according to ISO 9906



Hydraulic data (duty point)

Suction side :	Discharge side :	Flow :	Head :	Rated speed :
DN 65 PN 16	DN 40 PN 16			1.420 1/min

MAIN_PROJECT_TITLE	BUSINESS_PROCESS_ID	OWNER_	ISSUE_DATE
			2025-07-20

DIMENSIONAL DRAWING

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Company Reference Address Phone Fax E-mail	

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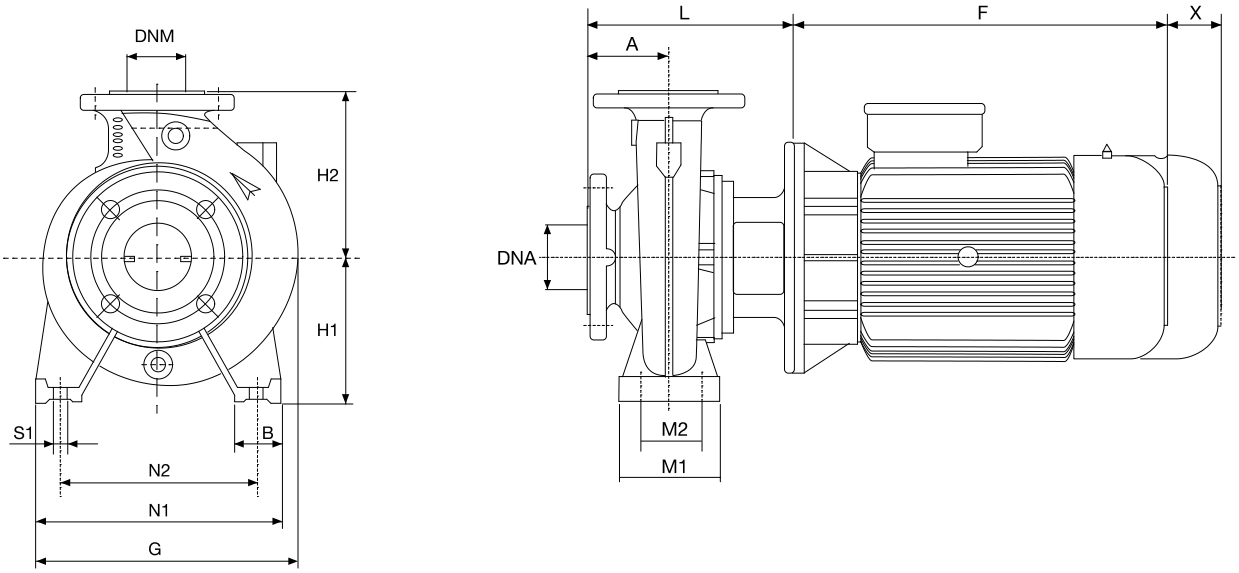

	Dimensions in mm						Pump connection
1	A	80	N1	210			
2	B	50	N2	160			Suction
3	DNA	65	S1	M10			DN 65
4	DNM	40	X	100			PN 16
5	F	234					
6	G	235					
7	H1	112					Discharge
8	H2	140					DN 40
9	L	201					PN 16
10	M1	100					
11	M2	70					

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