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.:**

1D1L11B8V

Model :

NKP-G 32-160.1/177/A/BAQE/4/2 IE3

Pump data

Impeller size (mm) :	177
MEI ≥	
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

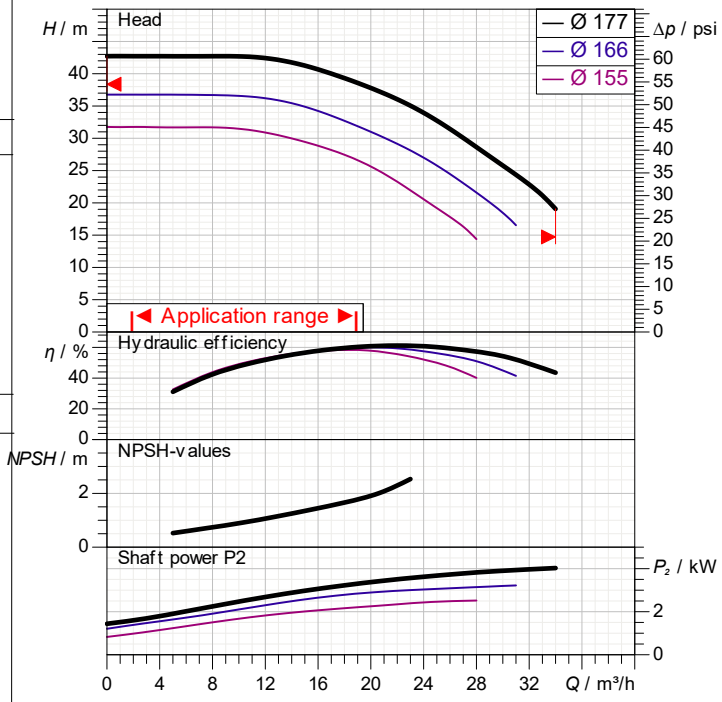
Shaft seal

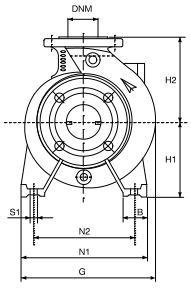
Type	Rubber
Stationary part	Silicon carbide
Rotating part	Carbon
Elastomer	EPDM

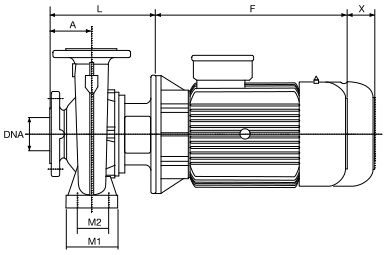
Motor data

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 : 83 kg

Dimensions in mm

A	80	L	254		
B	50	M1	100		
DNA	50	M2	70		
DNM	32	N1	240		
F	328	N2	190		
G	250	S1	M10		
H1	132	X	100		
H2	160				

Pump connection

Suction side :	DN 50	/ PN 16
Discharge side :	DN 32	/ PN 16

PERFORMANCE CURVES

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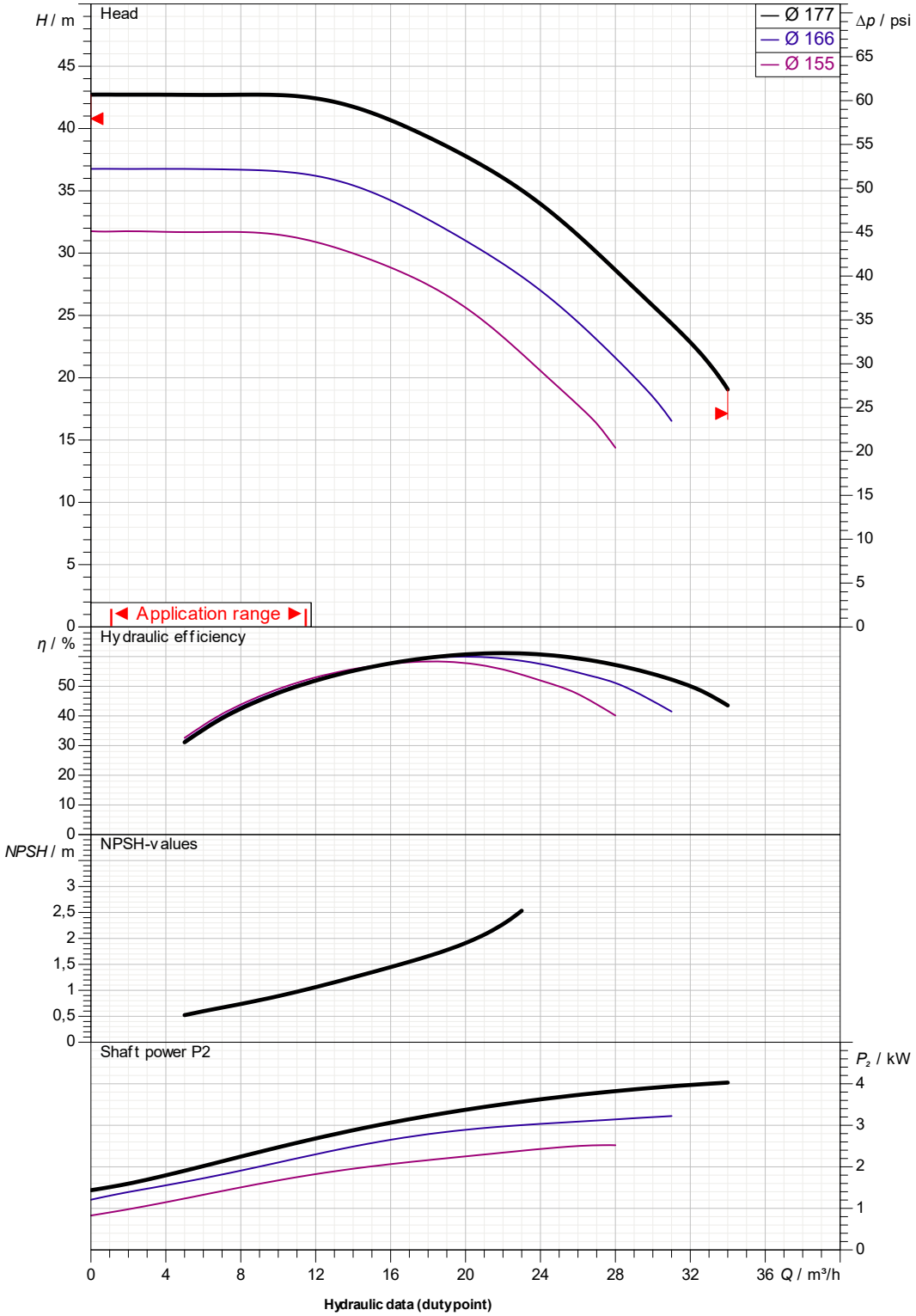
Curve tolerance according to ISO 9906



Hydraulic data (duty point)

Suction side :	Discharge side :	Flow :	Head :	Rated speed :
DN 50 PN 16	DN 32 PN 16			2.920 1/min

MAIN_PROJECT_TITLE	BUSINESS_PROCESS_ID	OWNER_	ISSUE_DATE
			2025-07-20

DIMENSIONAL DRAWING

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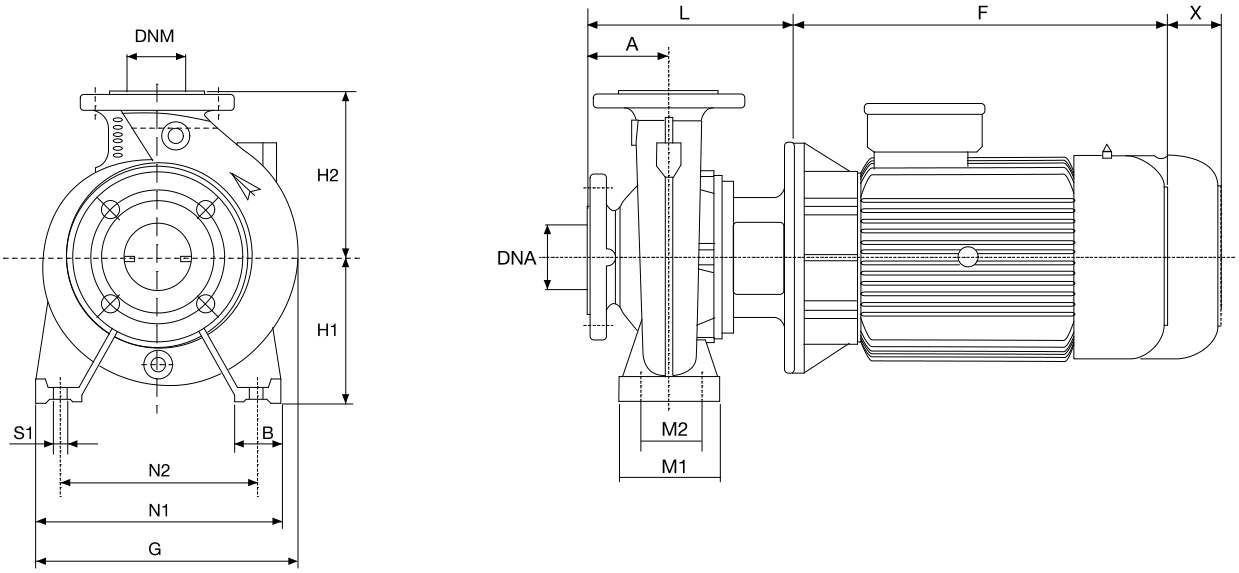

	Dimensions in mm						Pump connection
1	A	80	N1	240			
2	B	50	N2	190			Suction
3	DNA	50	S1	M10			DN 50
4	DNM	32	X	100			PN 16
5	F	328					
6	G	250					
7	H1	132					Discharge
8	H2	160					DN 32
9	L	254					PN 16
10	M1	100					
11	M2	70					

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