

Receiver

Company
Reference
Address
Phone
Fax
E-mail

From

Item n° : Customer pos. no.:

1D3211BAV

Model :

NKP-G 50-160/153/A/BAQE/7,5/2 IE3

Pump data

Impeller size (mm) : 153

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 : 0,00 MPa

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 : 7,5 kW

Rated speed : 2.900 1/min

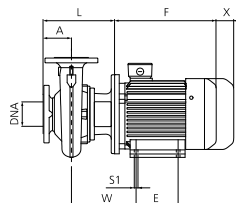
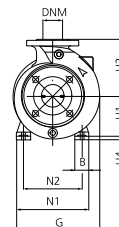
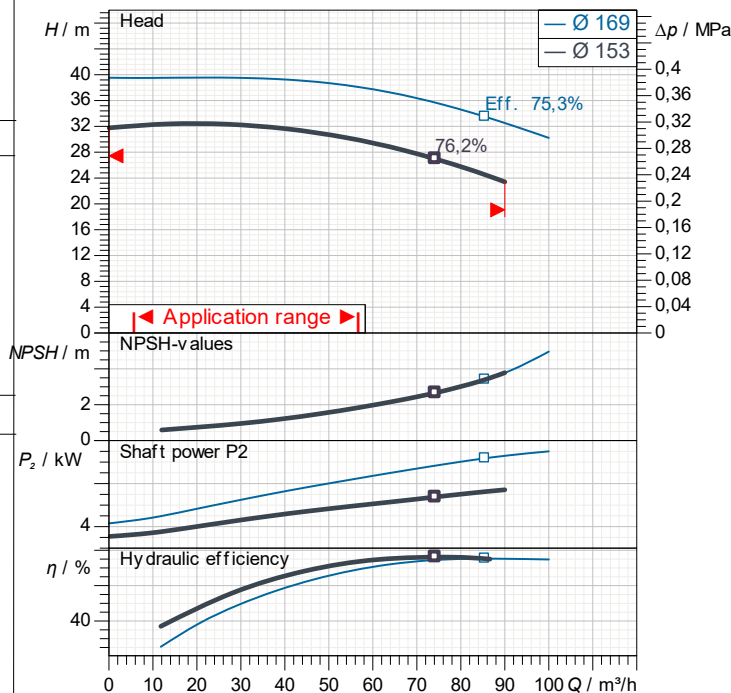
Rated voltage : 3~ 400 V

50 Hz

Nominal current : 13,4 A

Degree of protection : IP 55

Curve tolerance according to ISO 9906



Weight : 64 kg

Dimensions in mm

A	100	H2	180	W	-
B	50	H4	-	X	100
DNA	65	L	313		
DNM	50	M1	100		
E	-	M2	70		
F	437	N1	265		
G	300	N2	212		
H1	160	S1	M10		

Pump connection

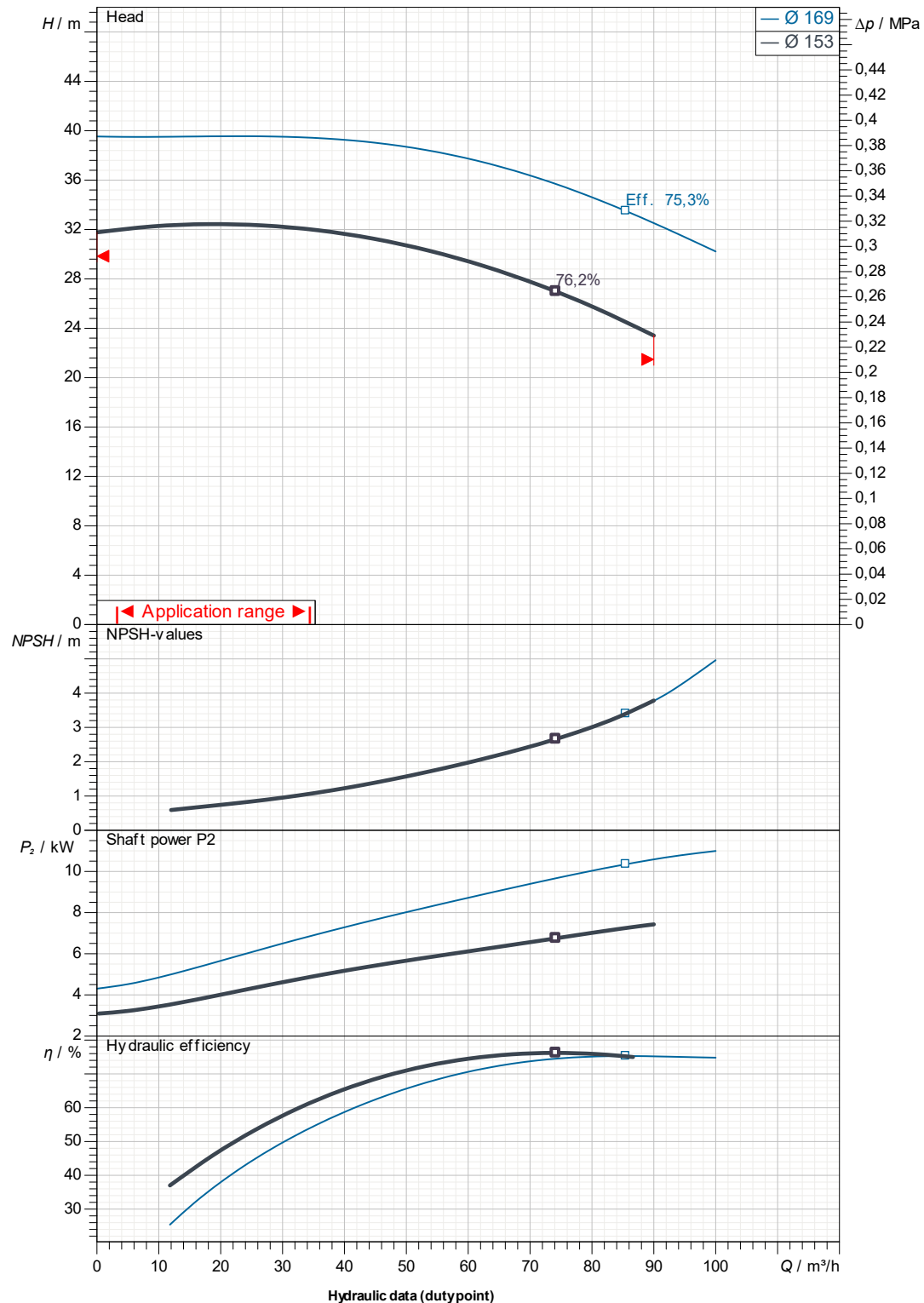
Suction side : DN 65 / PN 16

Discharge side : DN 50 / PN 16

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NKP-G 50-160/153/A/BAQE/7,5/2 IE3
Curve tolerance according to ISO 9906


Suction side :

DN 65

PN 16

Discharge side :

DN 50

PN 16

Flow :

Head :

Rated speed :

2.900 1/min

MAIN_PROJECT_TITLE

BUSINESS_PROCESS_ID

OWNER_

ISSUE_DATE

12/07/24



DIMENSIONAL DRAWING

12/07/24

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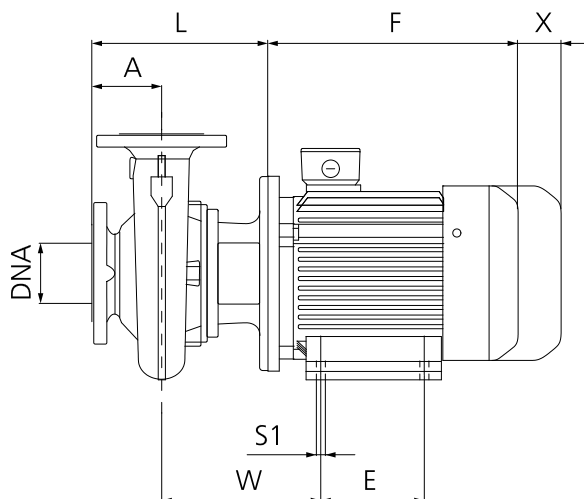
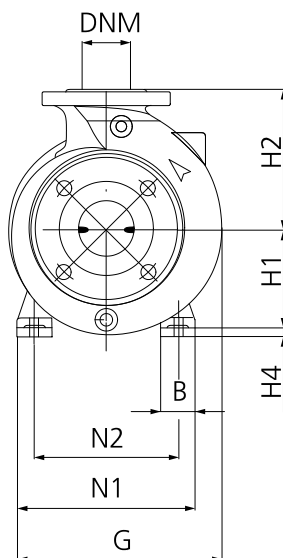
DAB PUMPS S.p.A.
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy
Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

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Dimensions in mm

Pump connection

1	A	100	M1	100				
2	B	50	M2	70				Suction
3	DNA	65	N1	265				DN 65
4	DNM	50	N2	212				PN 16
5	E	-	S1	M10				
6	F	437	W	-				Discharge
7	G	300	X	100				DN 50
8	H1	160						PN 16
9	H2	180						
10	H4	-						
11	L	313						

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