

Receiver

From

Company
Reference
Address
Phone
Fax
E-mail

Item n° : 1D5221BCV
Customer pos. no.:

Model :
NKP-G 80-160/153/B/BAQE/15/2 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 : 0,34 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 : Bronze G Cu Sn5 Pc5 UNI 7013/8a-72
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

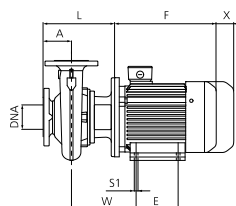
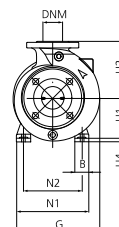
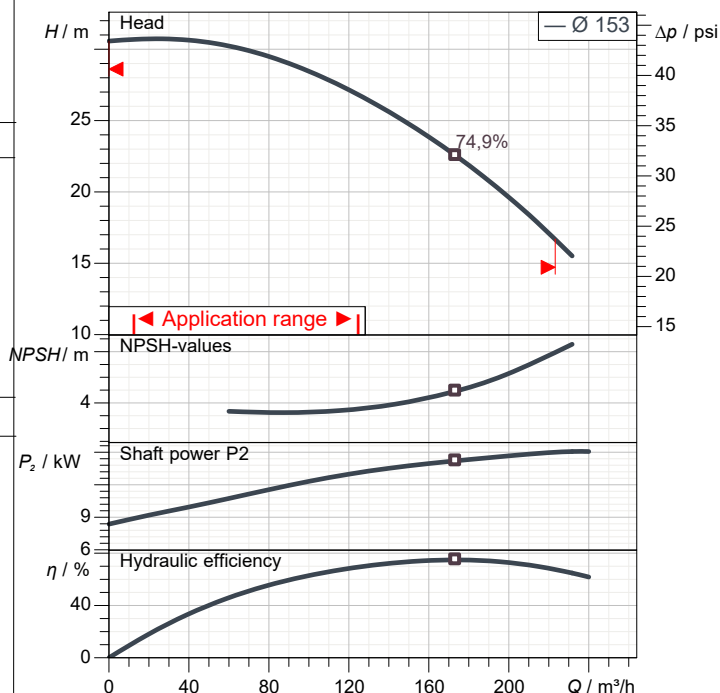
Shaft seal

Type : Rubber
Stationary part : Silicon carbide
Rotating part : Carbon
Elastomer : EPDM

Motor data

Nominal power P2 : 15 kW
Rated speed : 2.940 1/min
Rated voltage : 3~ 400 V 50 Hz
Nominal current : 26,5 A
Degree of protection : IP 55

Curve tolerance according to ISO 9906



Weight : 181 kg

Dimensions in mm

A	125	H2	225		
B	67	H4	20		
DNA	100	L	368		
DNM	80	N1	314		
E	210	N2	254		
F	505	S1	M12		
G	350	W	351		
H1	160	X	140		

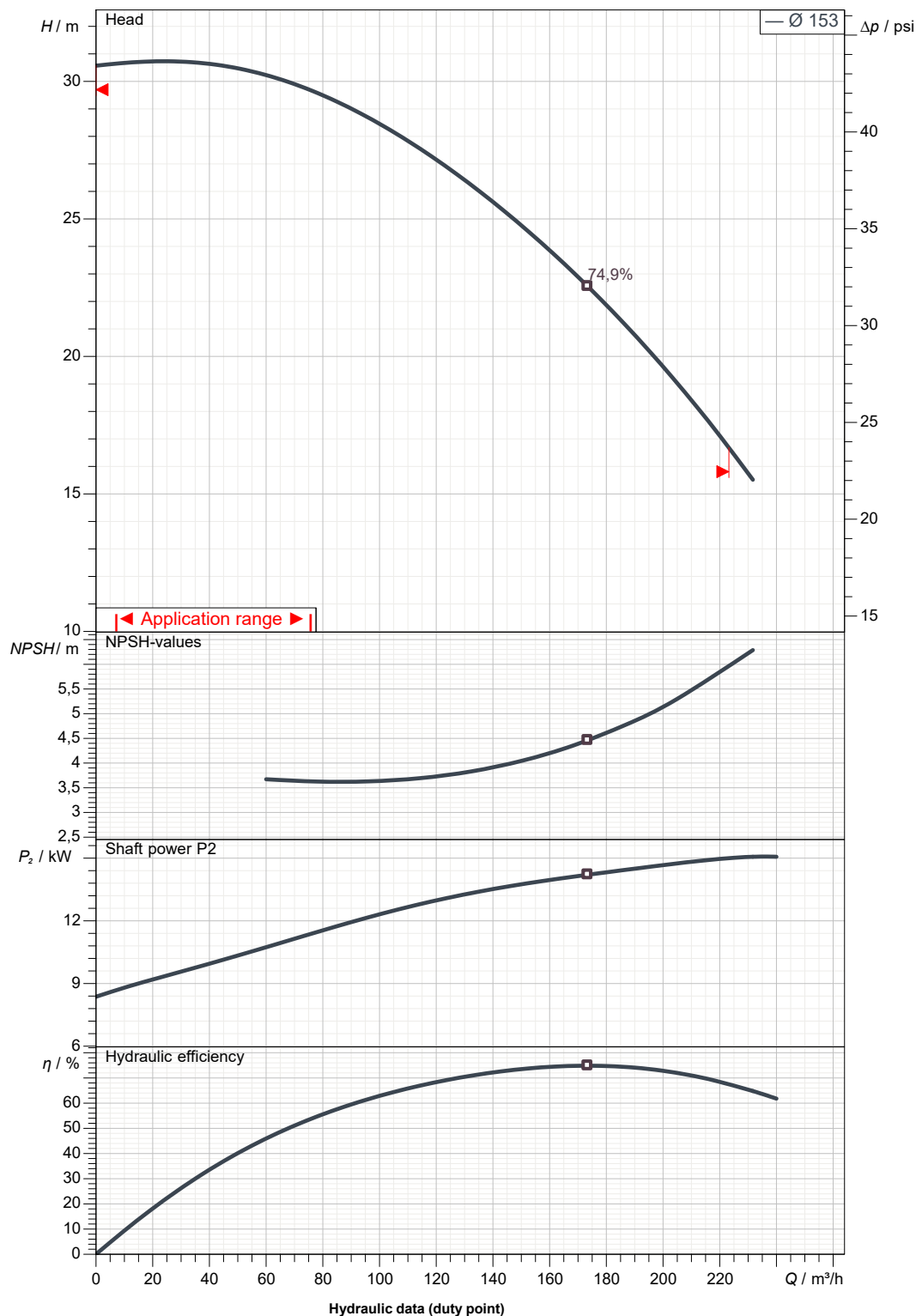
Pump connection

Suction side : DN 100 / PN 16
Discharge side : DN 80 / PN 16

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NKP-G 80-160/153/B/BAQE/15/2 IE3
Curve tolerance according to ISO 9906


Suction side :
DN 100
PN 16

Discharge side :
DN 80
PN 16

Flow :

Head :

Rated speed :
2.940 1/min

MAIN_PROJECT_TITLE

BUSINESS_PROCESS_IT

OWNER_

ISSUE_DATE

07/03/24



DIMENSIONAL DRAWING

07/03/24

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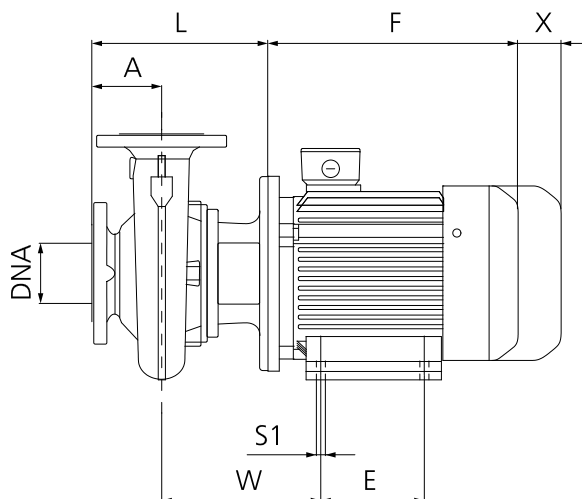
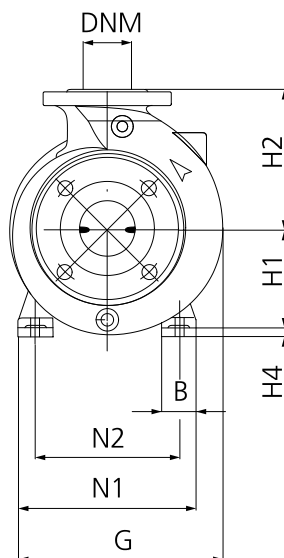
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www.dabpumps.com

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Dimensions in mm

Pump connection

1	A	125	N1	314				
2	B	67	N2	254				
3	DNA	100	S1	M12				Suction
4	DNM	80	W	351				DN 100
5	E	210	X	140				PN 16
6	F	505						
7	G	350						Discharge
8	H1	160						DN 80
9	H2	225						PN 16
10	H4	20						
11	L	368						

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