

Receiver

From

Society
Reference
Address
Phone
Fax
E-mail

Item n° :

1D421116W

Model :

KDN 65-160/XXX/A/BAQE/1/2,2/4 IE3

Pump data

Impeller size : 153 mm
Hydraulic curve at rpm: 1.450 1/min
Rated speed : 1.450 1/min
Coupling : Standard
MEI \geq 0,60
Pressure rating : PN 16
Min. fluid temperature : -10 °C
Max. fluid temperature : 140 °C
Max. Ambient temperature : 50 °C

Requested data

Flow : 50,70 m³/h
Head : 6,00 m
Fluid (%) :
Fluid Temperature : 20 °C
Density : 998,3 kg/m³
Kinematic viscosity : 1,005 mm²/s
Vapor pressure : 0,34 psi

Hydraulic data (duty point)

Flow : 50,84 m³/h
Head : 6,03 m
NPSH : 0,81 m
Shaft power P2 : 1,14 kW
Efficiency : 77,45 %

Materials

Pump body : Cast iron 250 UNI ISO 185
Impeller : Cast iron 250 UNI ISO 185
Pump shaft : AISI 420 - UNI 6900/71
OR ring : Viton
Seal disk : Cast iron 250 UNI ISO 185
Mechanical seal : SEE "SHAFT SEAL" SECTION
Seal spacer : AISI 304 - UNI 6900/71

Shaft seal

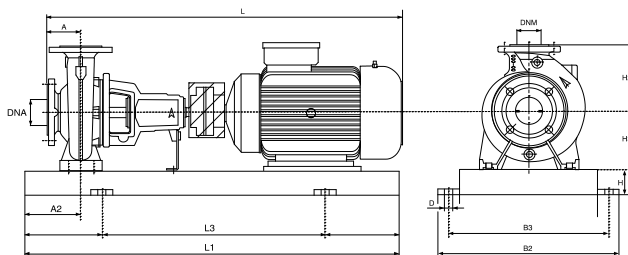
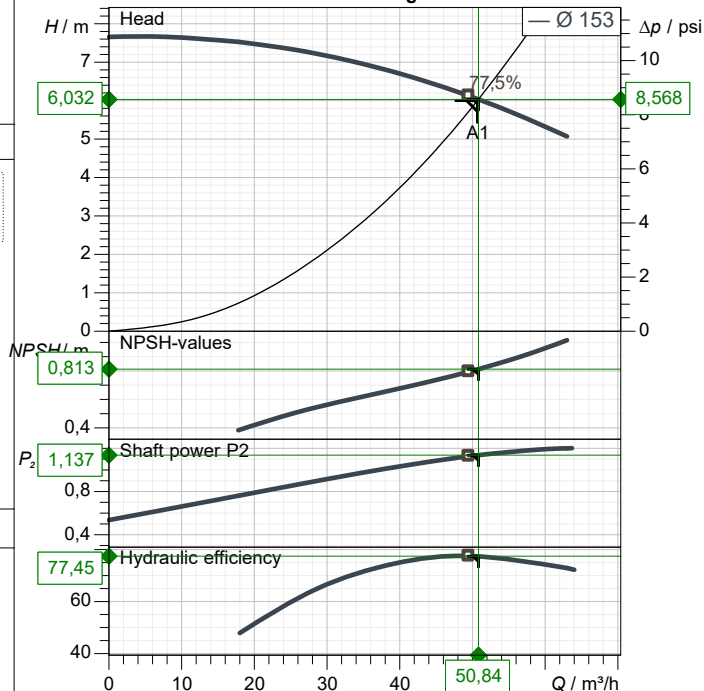
Type : Rubber
Stationary part : Silicon carbide
Rotating part : Carbon
Elastomer : EPDM

Motor data

Nominal power P2 : 2,2 kW
Rated speed : 1.455 1/min
Rated voltage : 3~ 230 V
Nominal current : 8,3 A
Degree of protection : IP 55

50 Hz

Curve tolerance according to ISO 9906



Weight : 114 kg

Dimensions in mm

A	100	H2	200		
A2	60	H3	225		
B2	390	L	850		
B3	350	L1	900		
D	19	L3	600		
DNA	80				
DNM	65				
H	65				

Pump connection

Suction side : DN 80 / PN 16
Discharge side : DN 65 / PN 16

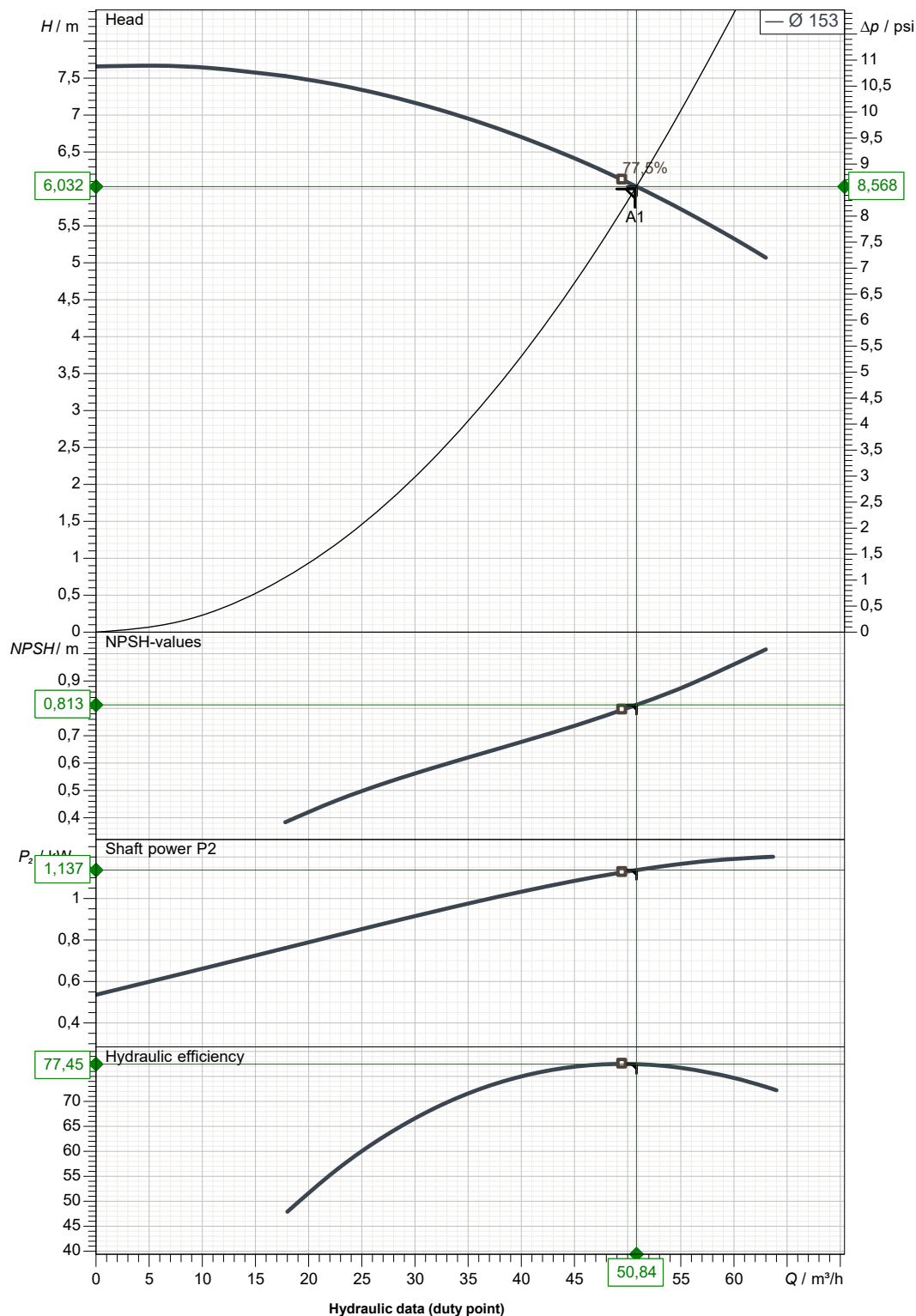
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Curve tolerance according to ISO 9906



Suction side :

DN 80

PN 16

Discharge side :

DN 65

PN 16

Flow :

50,7 m³/h

Head :

6 m

Rated speed :

1.455 1/min

MAIN_PROJECT_TITLE

BUSINESS_PROCESS_IT

OWNER_

ISSUE_DATE

2022-06-16



DIMENSIONAL DRAWING

2022-06-16

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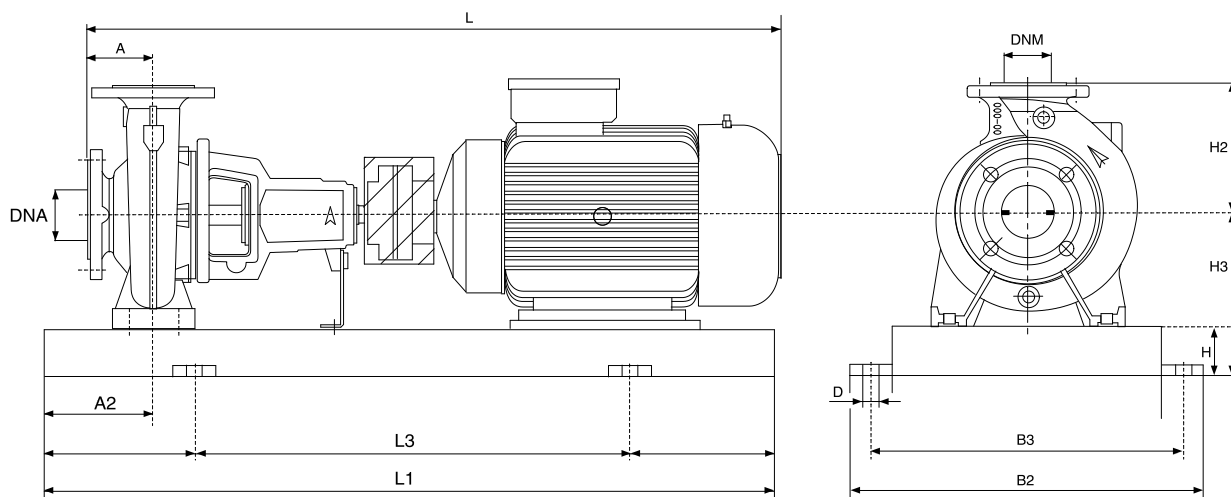
DAB PUMPS S.p.A.
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy
Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

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Dimensions in mm

Pump connection

1	A	100	L3	600				Suction
2	A2	60						DN 80
3	B2	390						PN 16
4	B3	350						
5	D	19						Discharge
6	DNA	80						DN 65
7	DNM	65						PN 16
8	H	65						
9	H2	200						
10	H3	225						
11	L	850						
12	L1	900						

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