

Receiver

From

Society
Reference
Address
Phone
Fax
E-mail

Item n° :

1D211112C

Model :

KDN 40-125/XXX/A/BAQE/1/0,55/4 IE2

Pump data

Impeller size : 125 mm
Hydraulic curve at rpm: 1.450 1/min
Rated speed : 1.450 1/min
Coupling : Standard
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 : 18,80 m³/h
Head : 4,00 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 : 18,87 m³/h
Head : 4,03 m
NPSH : 0,39 m
Shaft power P2 : 0,32 kW
Efficiency : 63,81 %

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

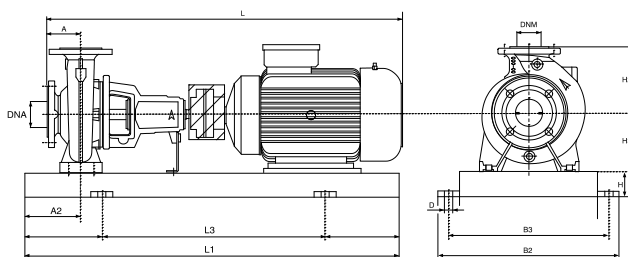
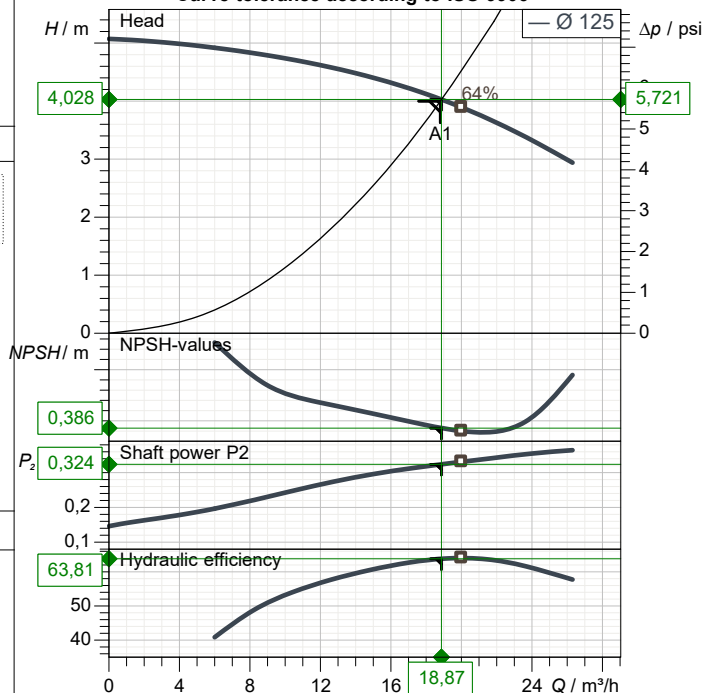
Shaft seal

Type Rubber
Stationary part Silicon carbide
Rotating part Carbon
Elastomer EPDM

Motor data

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

Curve tolerance according to ISO 9906



Weight : 89 kg

Dimensions in mm

A	80	H2	140		
A2	60	H3	177		
B2	360	L	730		
B3	320	L1	800		
D	19	L3	540		
DNA	65				
DNM	40				
H	65				

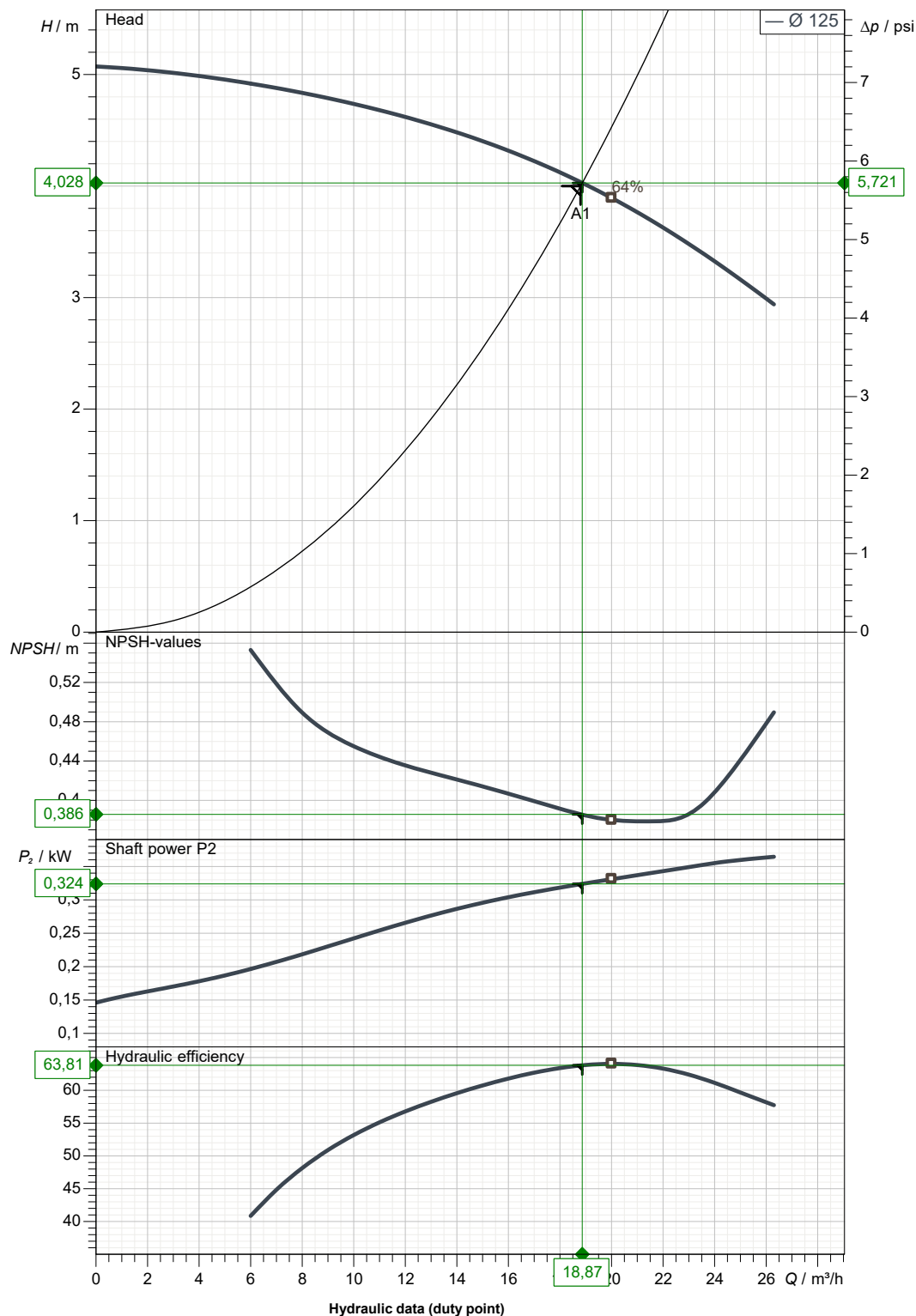
Pump connection

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

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Curve tolerance according to ISO 9906


Suction side :

DN 65

PN 16

Discharge side :

DN 40

PN 16

Flow :

18,8 m³/h

Head :

4 m

Rated speed :

1.420 1/min

MAIN_PROJECT_TITLE

BUSINESS_PROCESS_IT

OWNER_

ISSUE_DATE

2022-06-16



DIMENSIONAL DRAWING

2022-06-16

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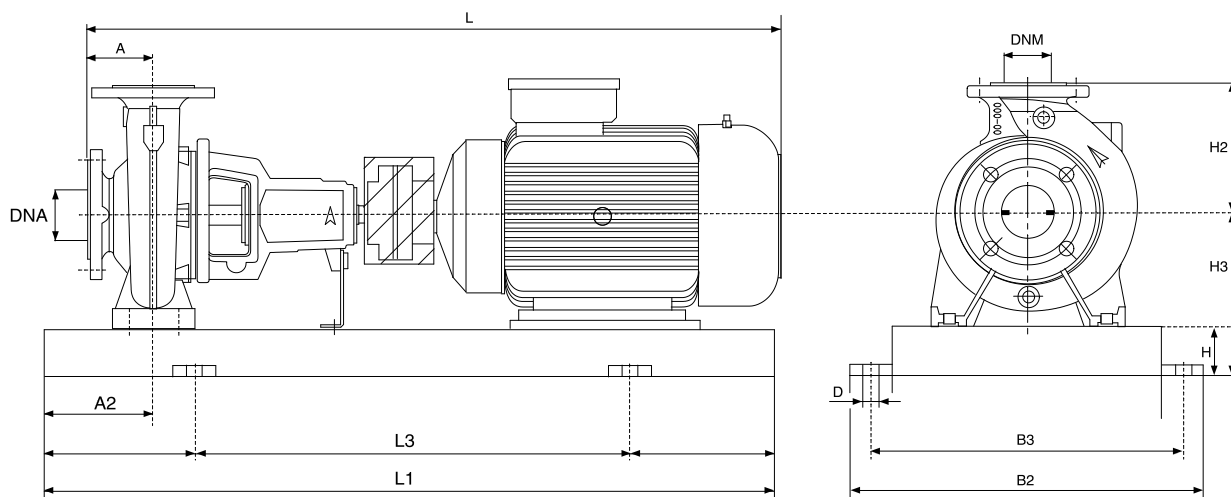
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Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

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Dimensions in mm

Pump connection

1	A	80	L3	540				Suction
2	A2	60						DN 65
3	B2	360						PN 16
4	B3	320						
5	D	19						Discharge
6	DNA	65						DN 40
7	DNM	40						PN 16
8	H	65						
9	H2	140						
10	H3	177						
11	L	730						
12	L1	800						

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