

Receiver
From

Society
Reference
Address
Phone
Fax
E-mail

Item n° :

60179867

Model :

KVC 60/120 T IE3

Pump data

MEI $\geq$ 0,50

Pressure rating : 12 bar (1200 KPa)

Min. fluid temperature : 0 °C

Max. fluid temperature : 40 °C

Max. Ambient temperature : 40 °C

Requested data

Flow :

Head :

Fluid : Water

Fluid Temperature : 20 °C

Density : 998,3 kg/m³

Kinematic viscosity : 1,005 mm²/s

Vapor pressure : 2,34 kPa

Hydraulic data (duty point)

Flow :

Head :

NPSH :

Shaft power P2 : 2,20 kW

Efficiency :

Materials

Impeller Technopolymer B

Diffuser Technopolymer B

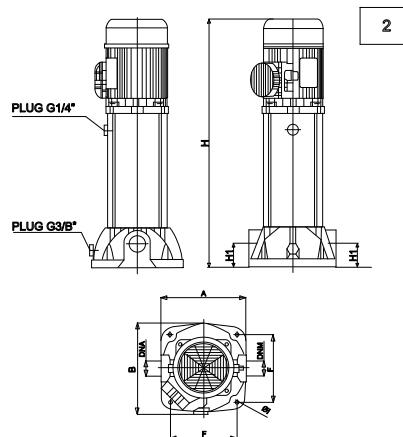
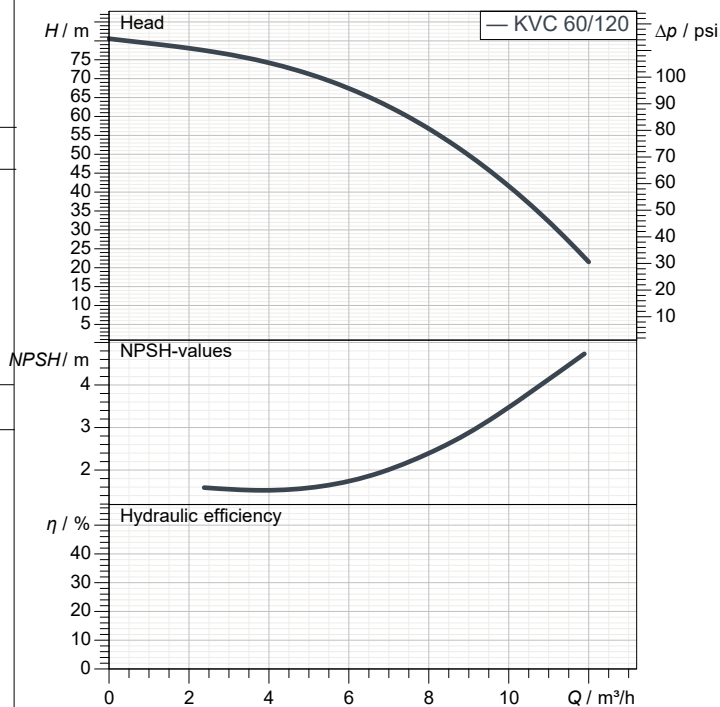
Shaft with rotor AISI 303 X10 CrNiS 1809 UNI 6900/71

External sleeve AISI 304 X5 Cr Ni 1810 UNI 6900/71

Seal disk AISI 304 X5 Cr Ni 1810 UNI 6900/71

Mechanical seal Silicon carbide/Carbon

OR ring EPDM Rubber

Curve tolerance according to ISO 9906

Weight : 21,6 kg

Motor data

Motor brand : DAB

Nominal power P2 : 2,2 kW

Rated speed : 2.800 1/min

Rated voltage : 3~ 400 V 50 Hz

Nominal current : 5,4 A

Degree of protection : IP 55

Pump connection

Suction side : 1 " 1/4 G / 12 bar (1200 KPa)

Discharge side : 1 " 1/4 G / 12 bar (1200 KPa)

Dimensions in
mm

A	221
B	235
DNA	1"1/4 G
DNM	1"1/4 G
F	170
H	610
H1	60
Ø I	9

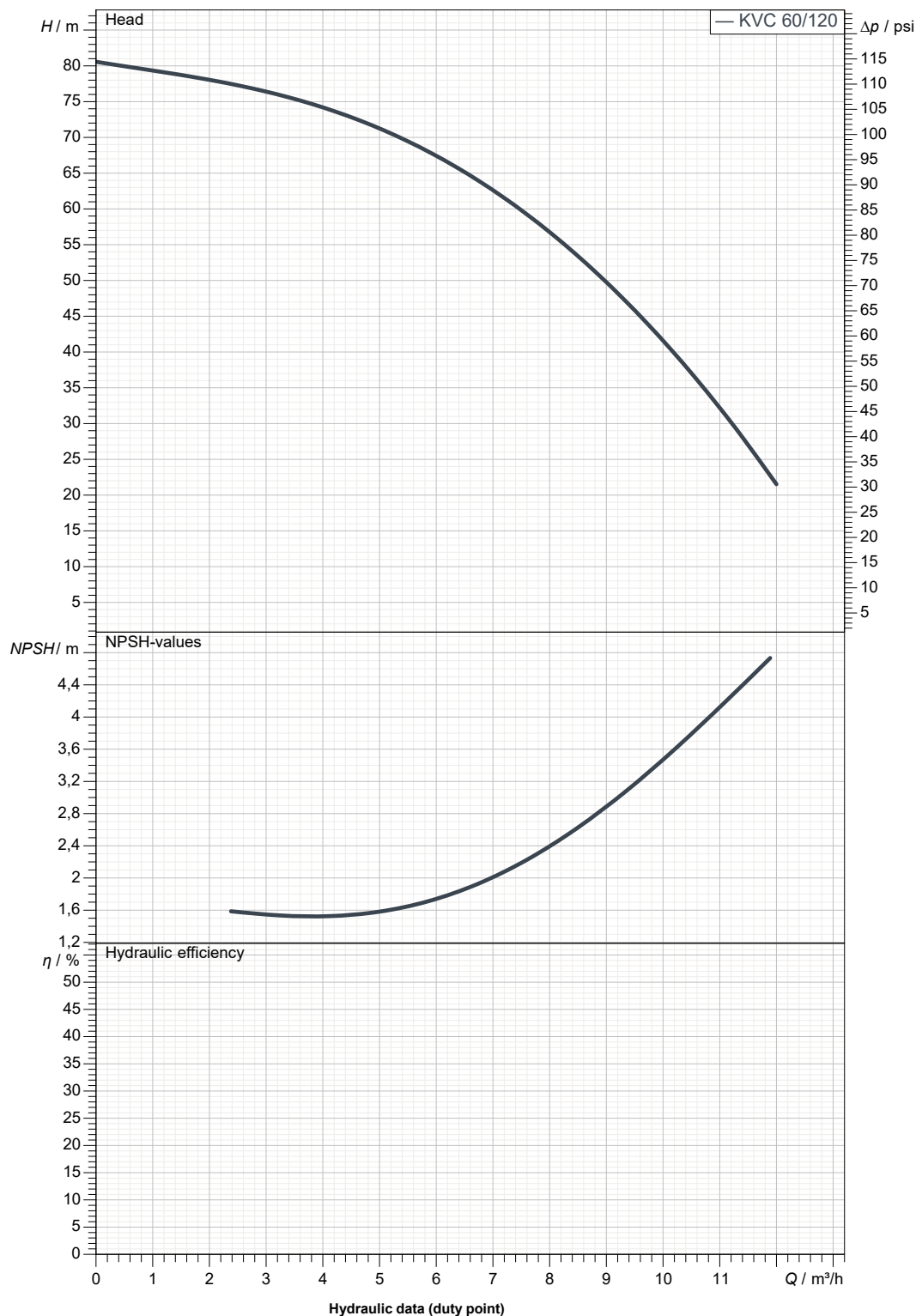
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Curve tolerance according to ISO 9906



Suction side :

1" 1/4 G

12 bar (1200 KPa)

Discharge side :

1" 1/4 G

12 bar (1200 KPa)

Flow :

Head :

Rated speed :

2.800 1/min

MAIN_PROJECT_TITLE

BUSINESS_PROCESS_IT

OWNER_

ISSUE_DATE

2021-11-09



DIMENSIONAL DRAWING

2021-11-09

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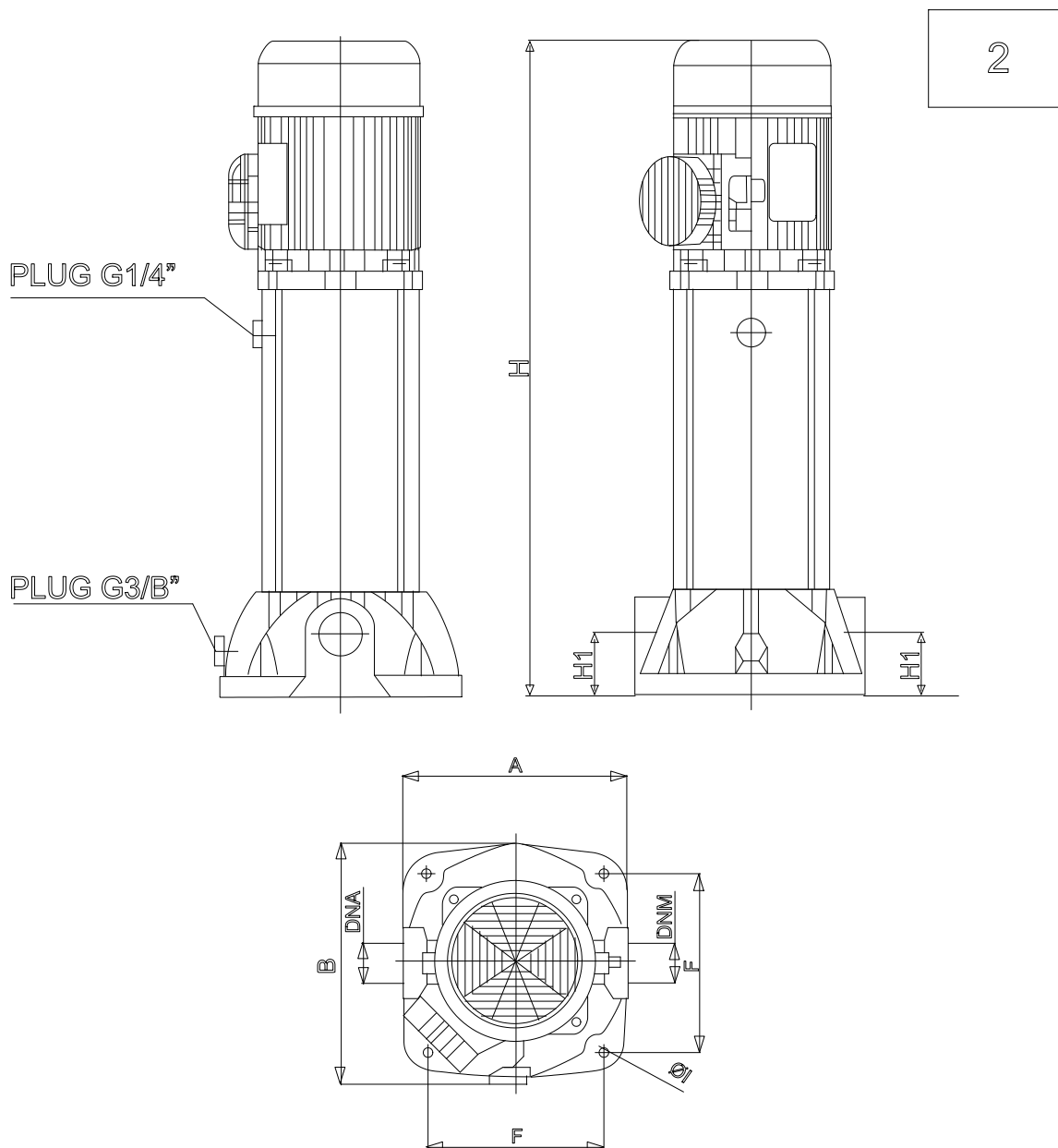
DAB PUMPS S.p.A.
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy
Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

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Dimensions in mm

Pump connection

1	A	221					
2	B	235					
3	DNA	1"1/4 G					Suction
4	DNM	1"1/4 G					1" 1/4 G
5	F	170					12 bar (1200 KPa)
6	H	610					
7	H1	60					Discharge
8	Ø I	9					1" 1/4 G
9							12 bar (1200 KPa)
10							
11							
12							

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