

### Receiver

### From

Society  
Reference  
Address  
Phone  
Fax  
E-mail

#### Item n° :

60179876

#### Model :

KVC 70/120 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/m<sup>3</sup>

Kinematic viscosity : 1,005 mm<sup>2</sup>/s

Vapor pressure : 2,34 kPa

#### Hydraulic data (duty point)

Flow :

Head :

NPSH :

Shaft power P2 : 3,00 kW

Efficiency :

#### Materials

Impeller Technopolymer B

Diffuser Technopolymer B

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

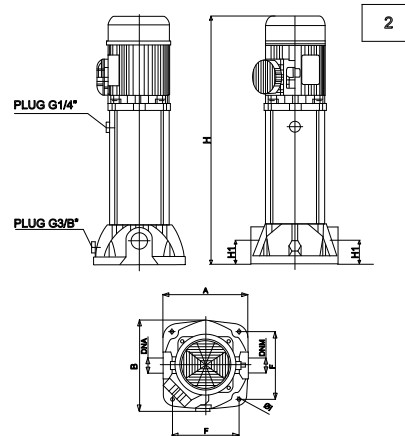
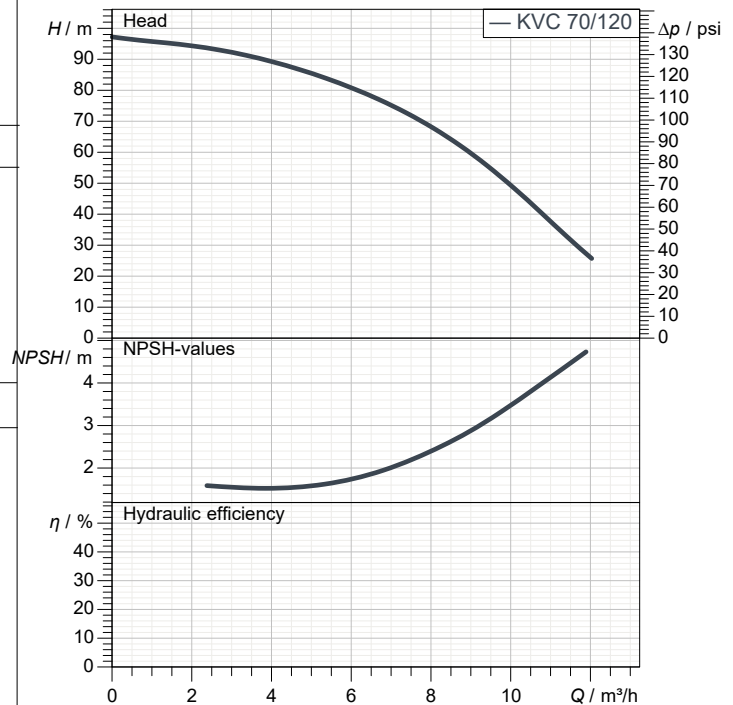
External sleeve AISI 304 X5 Cr Ni 1810 UNI 6900/71

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 : 24 kg

#### Motor data

Motor brand : DAB

Nominal power P2 : 3 kW

Rated speed : 2.800 1/min

Rated voltage : 3~ 400 V 50 Hz

Nominal current : 6,3 A

Degree of protection : IP 55

#### Dimensions in

mm

A	221
B	235
DNA	1"1/4 G
DNM	1"1/4 G
F	170
H	675
H1	60
Ø I	9

#### Pump connection

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

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



# PERFORMANCE CURVES

2021-11-0€

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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

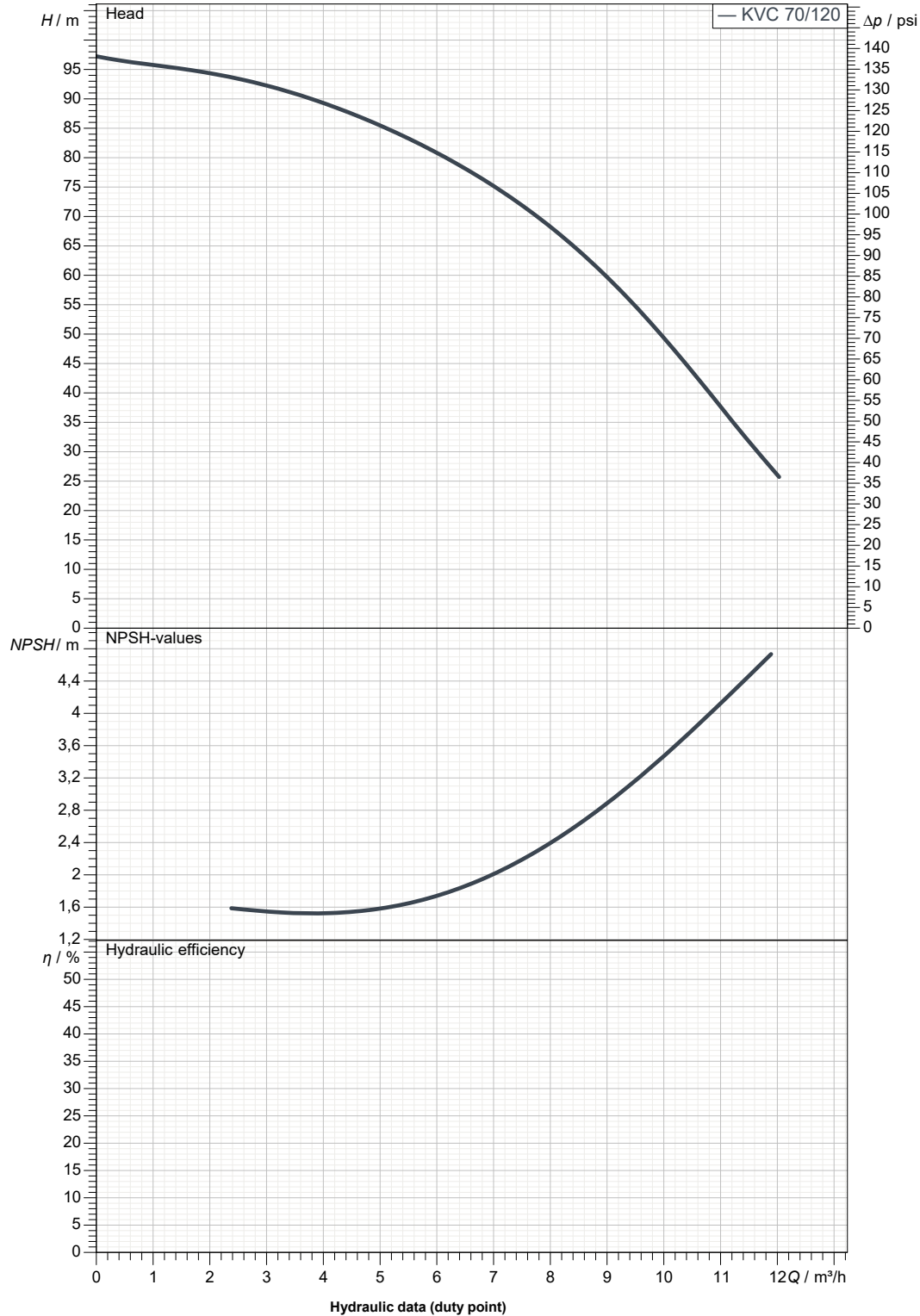
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## KVC 70/120 T IE3

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\_ID

OWNER\_

ISSUE\_DATE  
2021-11-09



# DIMENSIONAL DRAWING

2021-11-09

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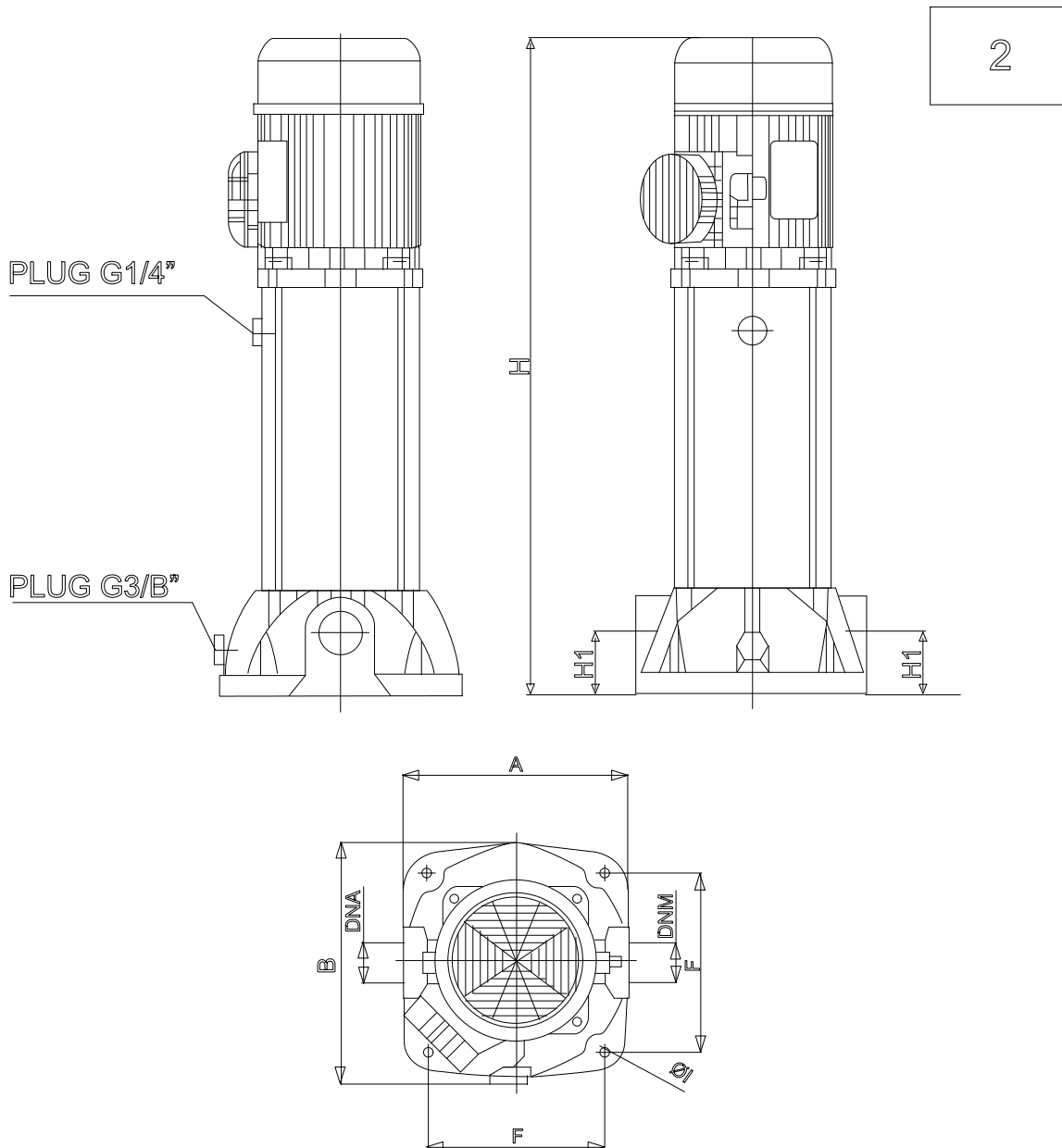
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## KVC 70/120 T IE3



Dimensions in mm			Pump connection			
1	A	221				
2	B	235				Suction
3	DNA	1"1/4 G				1" 1/4 G
4	DNM	1"1/4 G				12 bar (1200 KPa)
5	F	170				Discharge
6	H	675				1" 1/4 G
7	H1	60				12 bar (1200 KPa)
8	Ø1	9				
9						
10						
11						
12						

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