

Receiver
From

Company
Reference
Address
Phone
Fax
E-mail

Item n° :

60179860

Customer pos. no.:
Model :

KVCX 85/120 T IE3

Pump data

MEI ≥ 0,50

Pressure rating : 174 psi

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 : 0,34 psi

Hydraulic data (duty point)

Flow :

Head :

NPSH :

Shaft power P2 : 3,00 kW

Efficiency :

Materials

Impeller Technopolymer B

Diffuser Technopolymer B

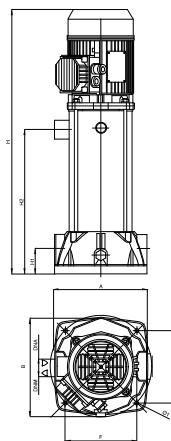
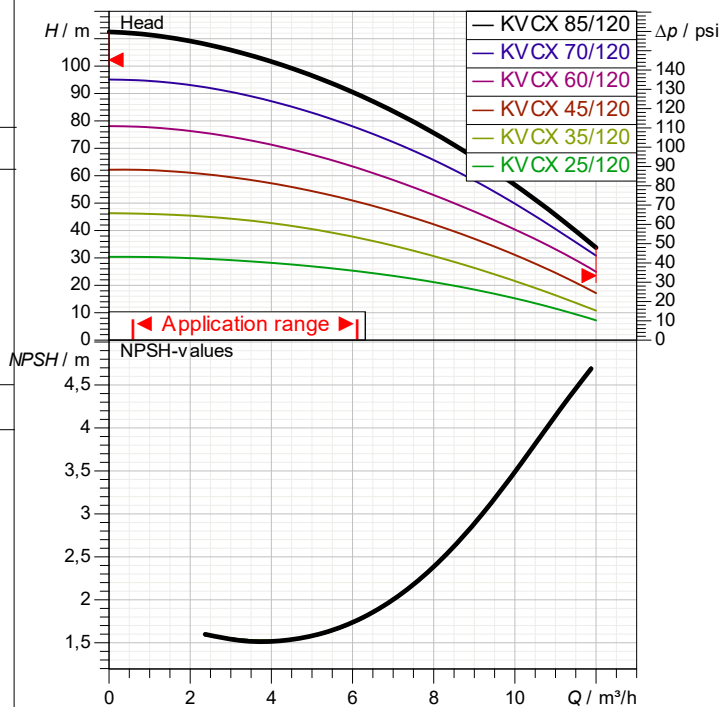
Shaft with rotor AISI 303 X10 CrNiS 1809 UNI 6900/71

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

O-Ring EPDM Rubber

Curve tolerance according to ISO 9906

Weight : 25 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 : 7,1 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 702
H1 60
H2 332
Ø I 9

Pump connection

Suction side : 1" 1/4 G / 174 psi

Discharge side : 1" 1/4 G / 174 psi

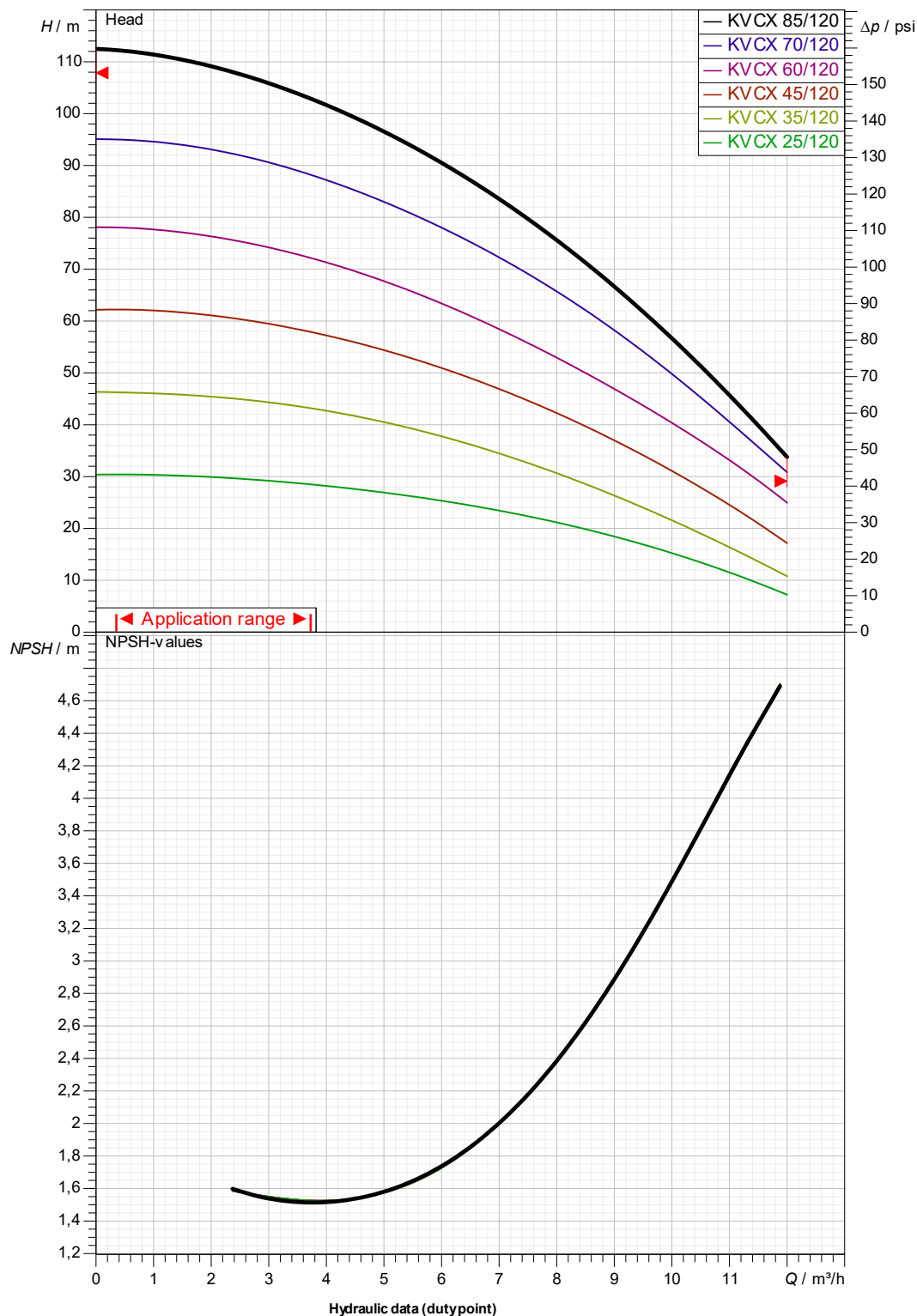
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Curve tolerance according to ISO 9906



Suction side :
1" 1/4 G
174 psi

Discharge side :
1" 1/4 G
174 psi

Flow :

Head :

Rated speed :
2.800 1/min

Project

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Created on

2025-07-20



DIMENSIONAL DRAWING

2025-07-20

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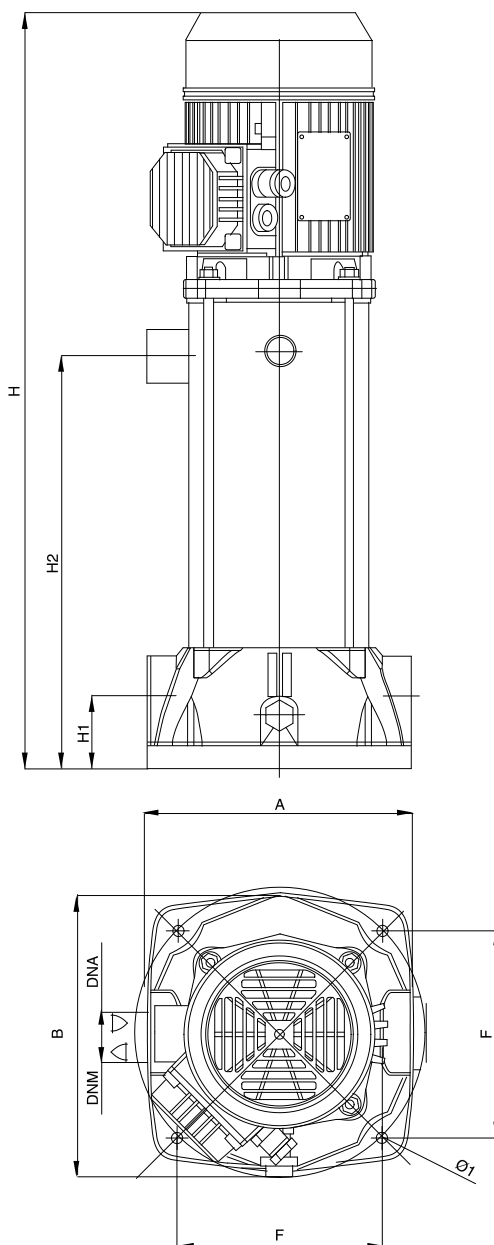
DAB PUMPS S.p.A.
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy
Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

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KVCX 85/120 T IE3



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					174 psi
6	H	702					
7	H1	60					Discharge
8	H2	332					1" 1/4 G
9	ØI	9					174 psi
10							
11							

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