

Receiver

Company
Reference
Address
Phone
Fax
E-mail

From

Item n° :
60173608
Customer pos. no.:

Model :
KI 40/120 M
Standard version

Pump data

MEI $\geq 0,40$
Pressure rating : 116 psi
Min. fluid temperature : -10 °C
Max. fluid temperature : 90
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

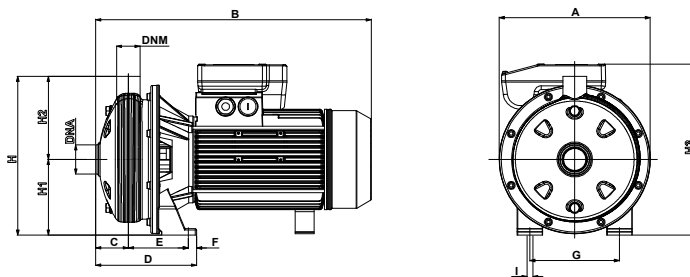
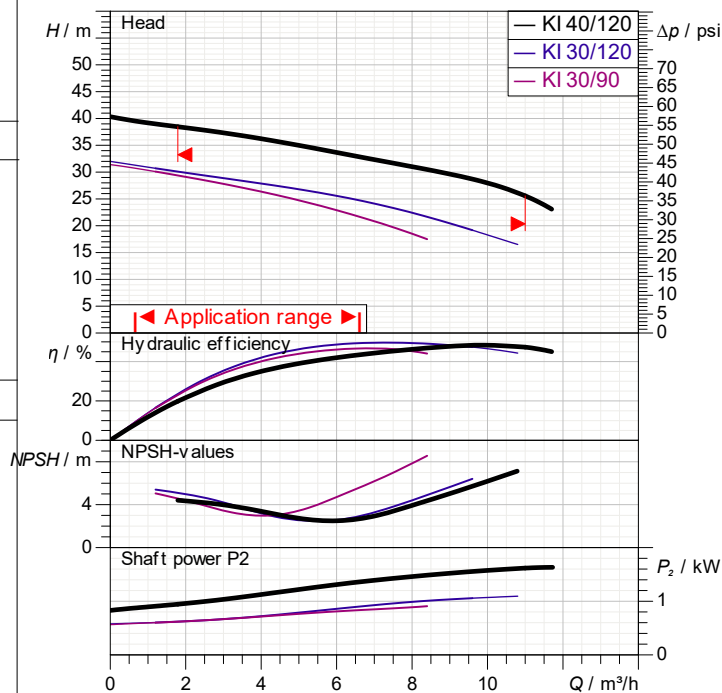
Hydraulic data (duty point)

Flow :
Head :
NPSH :
Shaft power P₂ :
Efficiency :

Materials

Pump body AISI 304 X5 Cr Ni 1810 UNI 6900/71
Impeller AISI 304 X5 Cr Ni 1810 UNI 6900/71
Mechanical seal Carbon/Ceramic/NBR
Seal disk Stainless Steel AISI 304
O-Ring NBR Rubber
Shaft with rotor AISI 303 X10 CrNiS 1809 UNI 6900/71
Motor casing Aluminium

Curve tolerance according to ISO 9906



Weight : 19,6 kg

Motor data

Motor brand : DAB
Nominal power P₂ : 1,5 kW
Rated speed : 2.800 1/min
Rated voltage : 1~ 220-230 V 50 Hz
Nominal current : 9,7 A
Degree of protection : IP 55

Dimensions in mm

A	236	Ø	9
B	432		
C	53		
D	159		
DNA	1"1/4 G		
DNM	1" G		
E	93,5		
F	13		
G	140		
H	252		
H1	120		
H2	132		
H3	272		

Pump connection

Suction side : 1" 1/4 G / 116 psi
Discharge side : 1" G / 116 psi

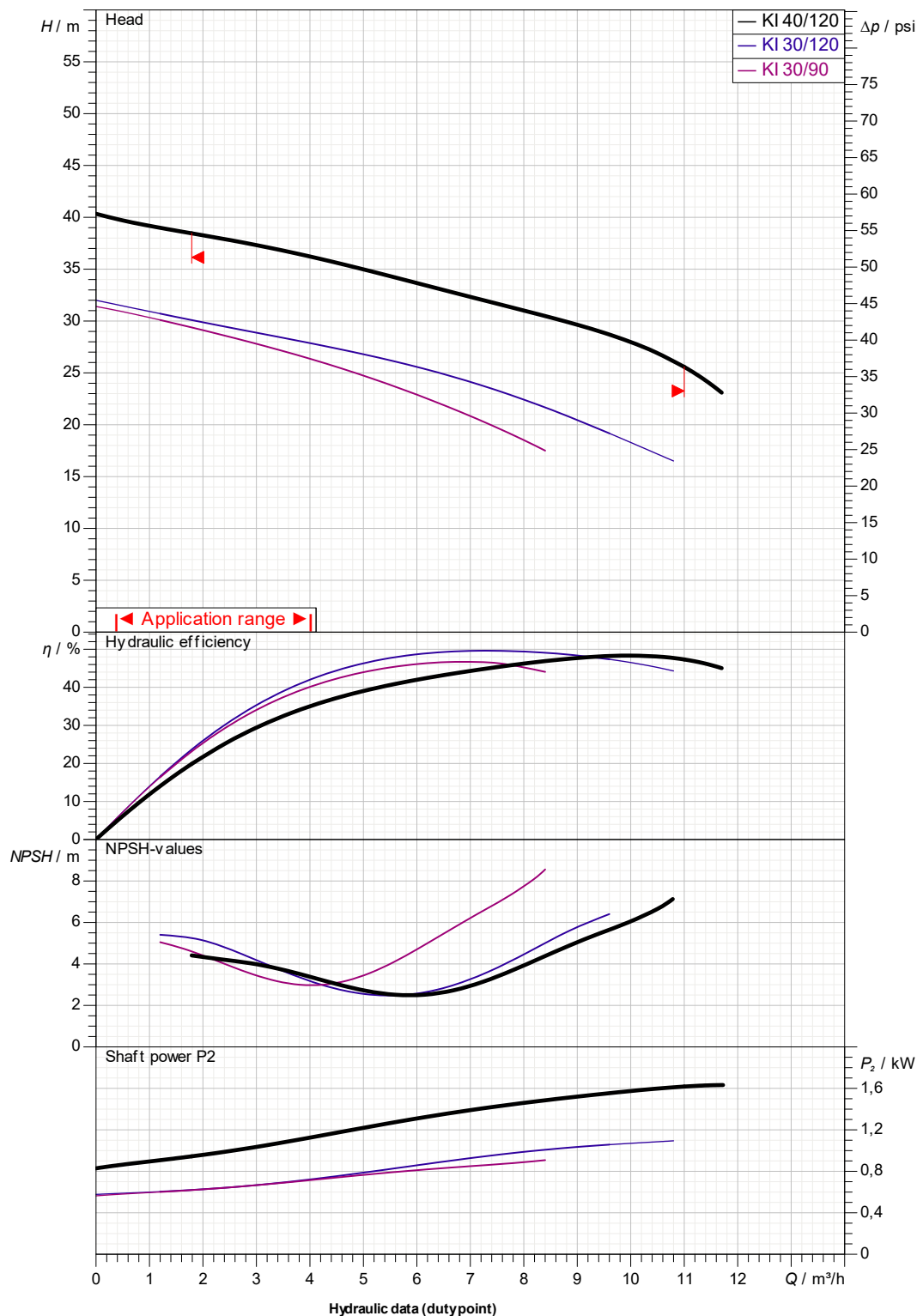
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KI 40/120 M

Curve tolerance according to ISO 9906



Suction side :
1" 1/4 G
116 psi

Discharge side :
1" G
116 psi

Flow :

Head :

Rated speed :
2.800 1/min

Project

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Created on

2025-07-20



DIMENSIONAL DRAWING

2025-07-20

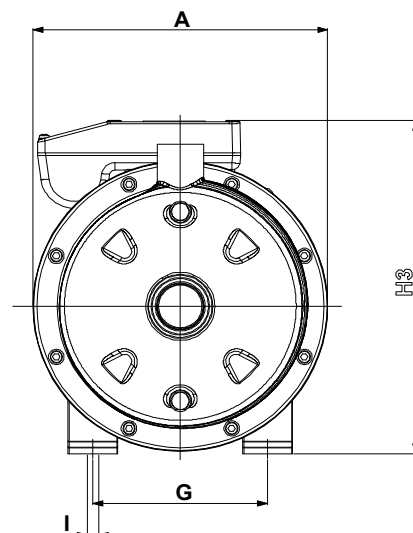
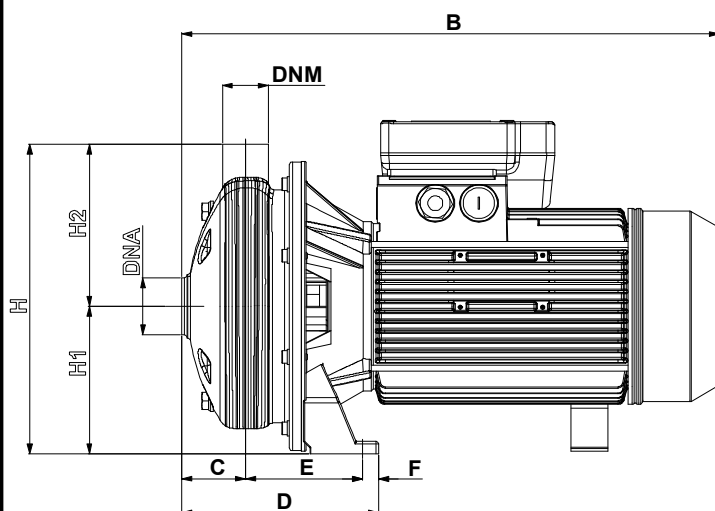
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DAB PUMPS S.p.A.
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy
Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

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KI 40/120 M**Dimensions in mm****Pump connection**

1	A	236	H2	132			
2	B	432	H3	272			
3	C	53	IØ	9			Suction
4	D	159					1" 1/4 G
5	DNA	1"1/4 G					116 psi
6	DNM	1" G					
7	E	93,5					Discharge
8	F	13					1" G
9	G	140					116 psi
10	H	252					
11	H1	120					

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