



DATA SHEET

19/11/2013

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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

Receiver

From

Society
Reference
Address
Phone
Fax
E-mail

Item n° :

102120110

Model :

K 80/400 T

Pump data

Pressure rating : 12 bar (1200 kPa)
Min. fluid temperature : -15 °C
Max. fluid temperature : 110 °C
Max. Temperature operating : 40 °C

Requested data

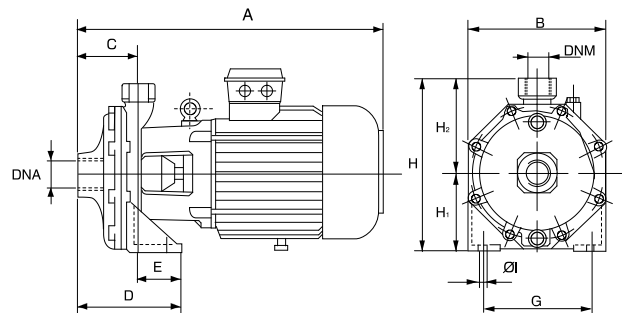
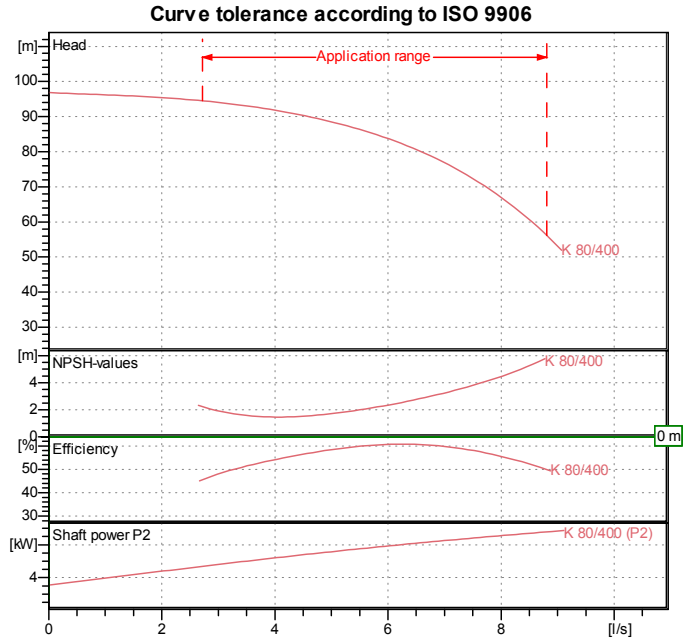
Flow : 0.00 l/s
Head : 0.00 m
Fluid : Water, pure
Fluid Temperature : 20 °C
Density : 998.3 kg/m³
Kinematic viscosity : 1.005 mm²/s
Vapor pressure : 100.00 kPa

Hydraulic data (duty point)

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

Materials

Pump body : Cast iron 200 UNI ISO 185
Support : Cast iron 200 UNI ISO 185
Impeller : Technopolymer A
Mechanical seal : Carbon/Ceramic
OR ring : NBR Rubber
Shaft with rotor : AISI 416 X12 CrS 13 UNI 6900/71
Intermediate cover : Cast iron 200 UNI ISO 185



Weight : 78 kg

Motor data

Motor brand : DAB
Nominal power P2: 11 kW
Rated speed: 2900 rpm
Rated voltage : 3~ 400 V 50 Hz
Nominal current : 21 A
Degree of protection : IP 55

Dimensions in mm

A	635	∅	14
B	270		
C	122		
D	182		
DNA	2" G		
DNM	1" 1/4 G		
E	60		
F	20		
G	210		
H	340		
H1	160		
H2	180		

Pump connection

Suction side : 2 " G / 12 bar (1200 kPa)
Discharge side : 1 " 1/4 G / 12 bar (1200 kPa)



PERFORMANCE CURVES

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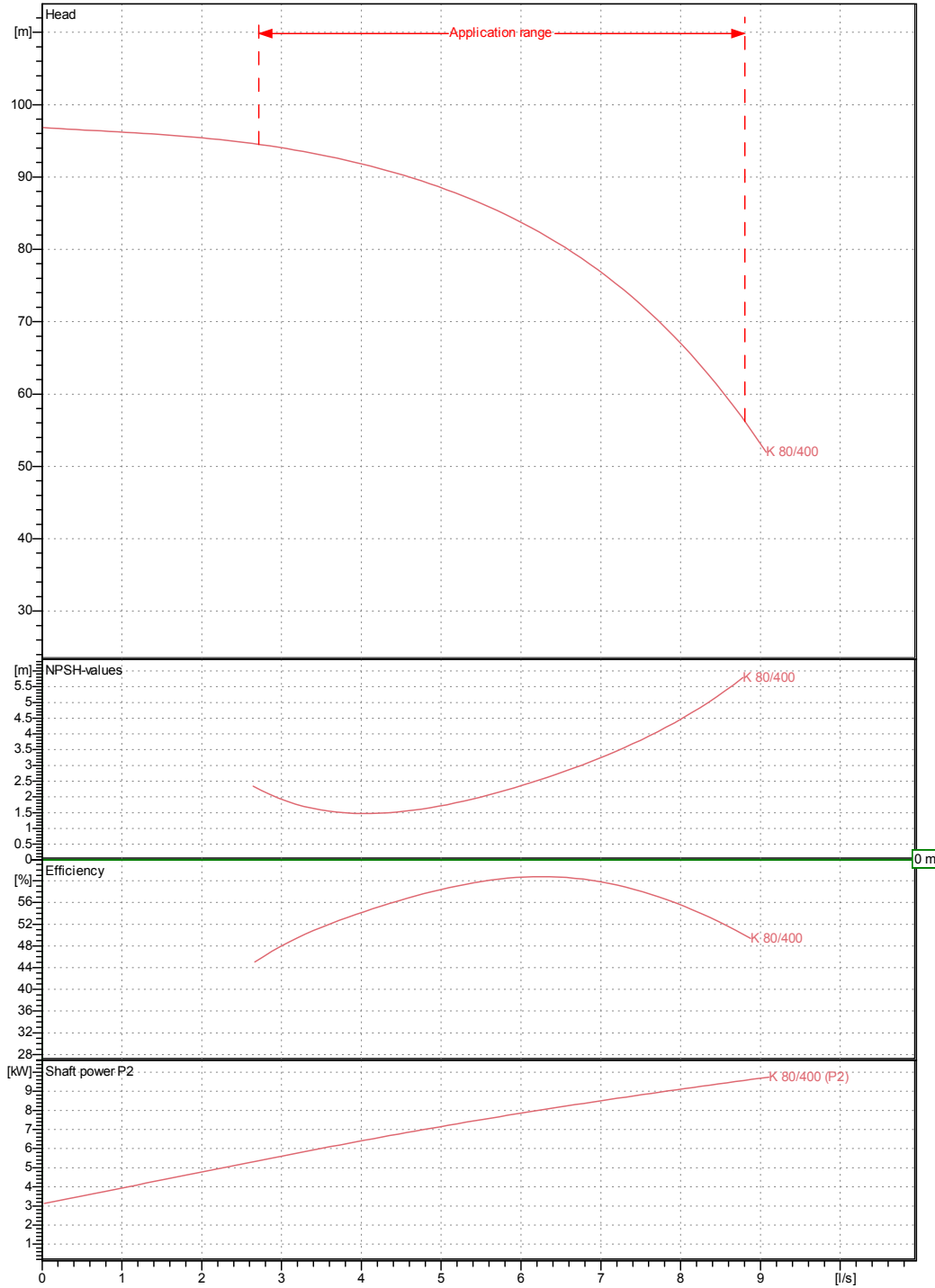
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K 80/400 T

Curve tolerance according to ISO 9906



Hydraulic data (duty point)

Suction side 2 " G 12 bar (1200 kPa)	Discharge side 1 " 1/4 G 12 bar (1200 kPa)	Flow : 0 l/s	Head : 0 m	Rated speed: 2900 rpm
Project	Project ID	Created by	Created on 19/11/2013	



DIMENSIONAL DRAWING

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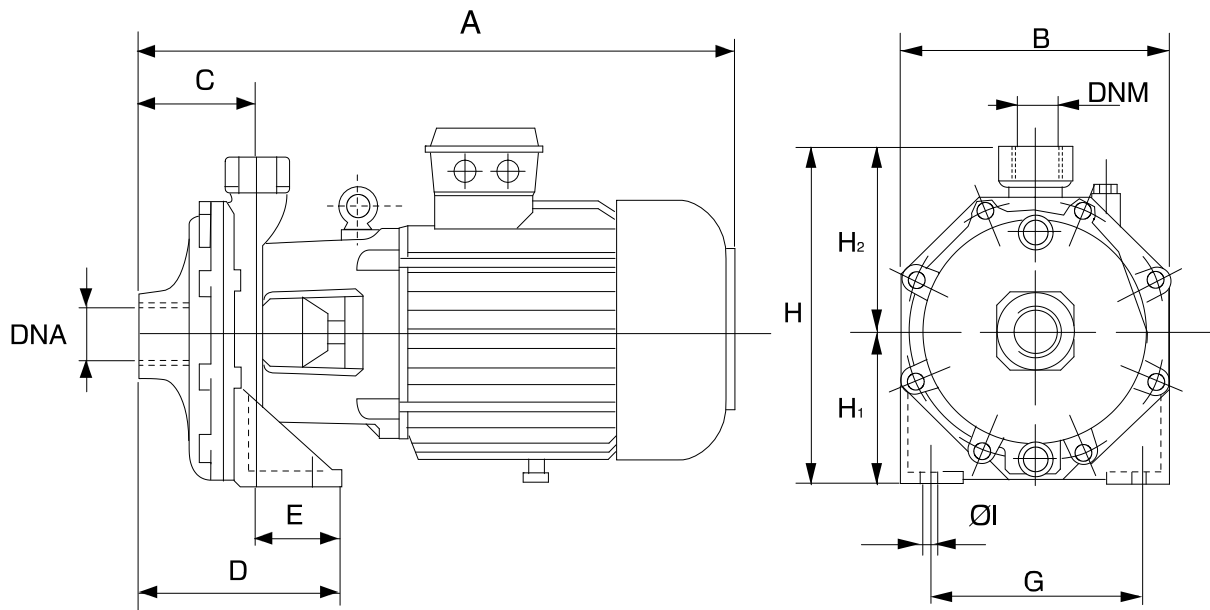
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K 80/400 T



Dimensions in mm

1	A	635	H1	160		
2	B	270	H2	180		
3	C	122	Ø	14		
4	D	182				
5	DNA	2" G				
6	DNM	1" 1/4 G				
7	E	60				
8	F	20				
9	G	210				
10	H	340				

Pump connection

Suction
2" G
12 bar (1200 kPa)

Discharge
1" 1/4 G
12 bar (1200 kPa)

Project

Project ID

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