



# 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° :**  
102120090

**Model :**  
K 80/300 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**

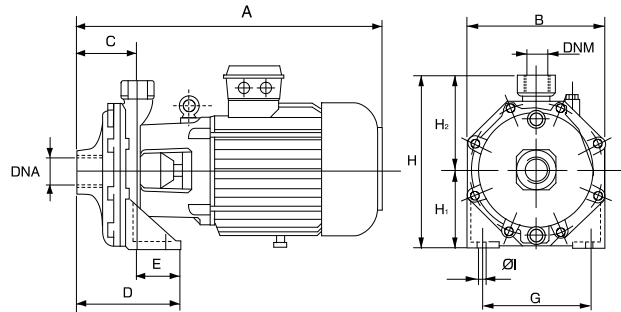
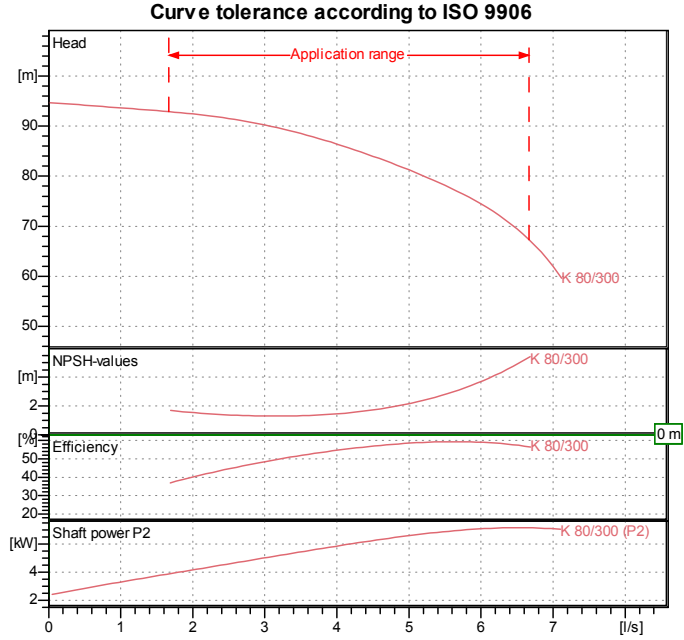
Flow : 0.00 l/s  
Head : 0.00 m  
Fluid : Water, pure  
Fluid Temperature : 20 °C  
Density : 998.3 kg/m³  
Kinematic viscosity : 1.005 mm²/s  
Vapor pressure : 100.00 kPa

**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 :** 78.5 kg

**Motor data**

Motor brand : DAB  
Nominal power P2: 7.5 kW  
Rated speed: 2900 rpm  
Rated voltage : 3~ 400 V 50 Hz  
Nominal current : 15 A  
Degree of protection : IP 55

**Dimensions in mm**

A	595	∅	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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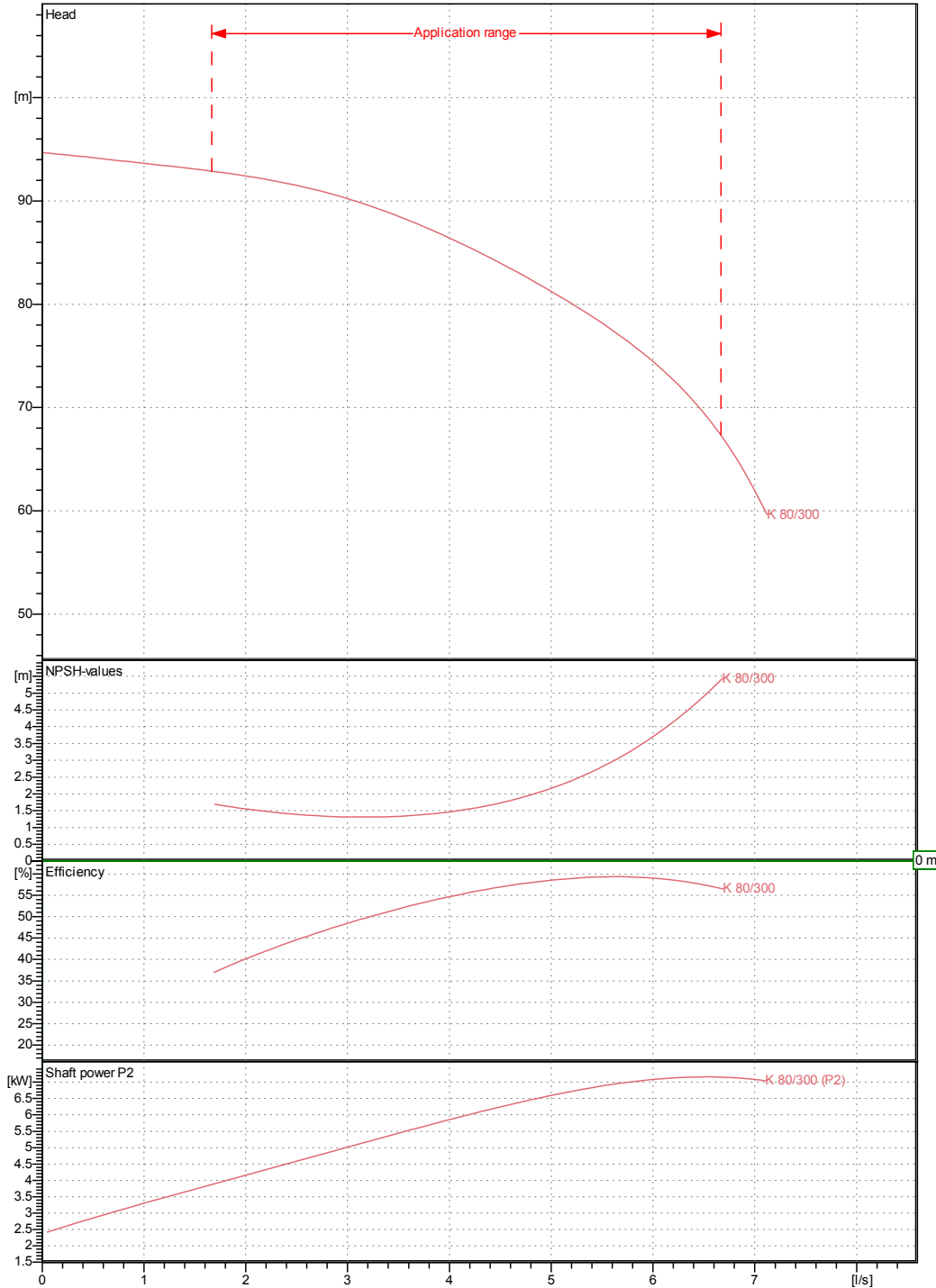
Receiver

From

Society  
Reference  
Address  
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E-mail

## K 80/300 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 <b>19/11/2013</b>	



# DIMENSIONAL DRAWING

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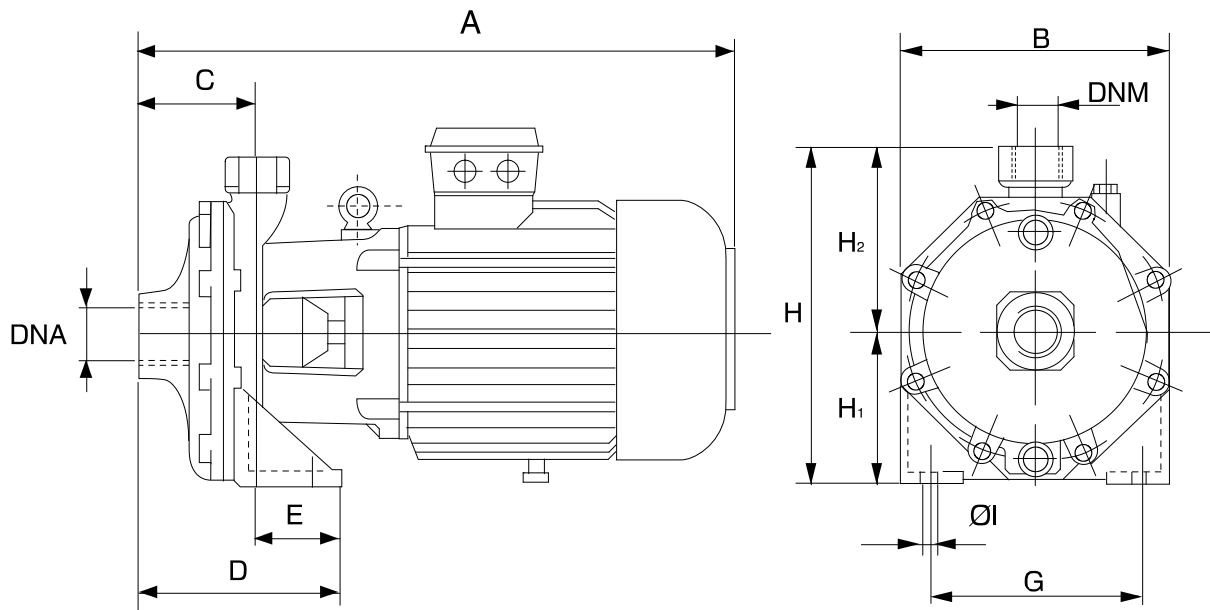
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## K 80/300 T



### Dimensions in mm

1	A	595	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

Created by

Created on

19/11/2013