

Receiver

From

Company
Reference
Address
Phone
Fax
E-mail

Item n° : 60167626
Customer pos. no.:

Model :
K 20/1200 T IE3

Pump data

MEI \geq 0,60
Pressure rating : 145 psi
Min. fluid temperature : -15 °C
Max. fluid temperature : 110 °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

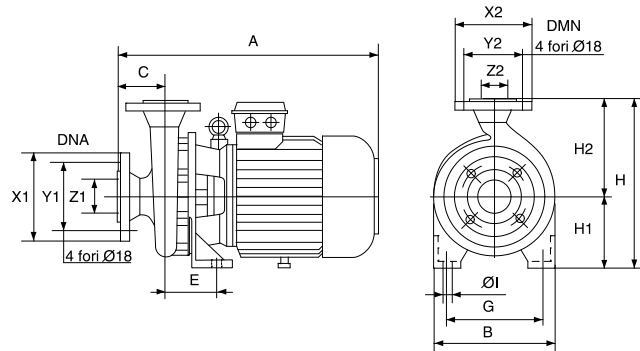
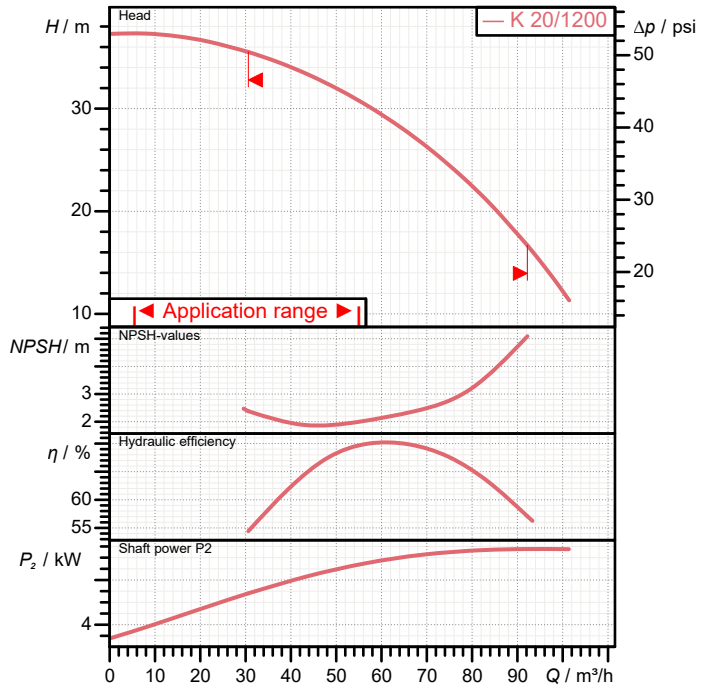
Hydraulic data (duty point)

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

Materials

Pump body : Cast iron 200 UNI ISO 185
Support : Cast iron 200 UNI ISO 185
Impeller : Cast iron 200 UNI ISO 185
Mechanical seal : Carbon/Ceramic
O-Ring : EPDM Rubber
Shaft with rotor : AISI 304 X5 Cr Ni 1810 UNI 6900/71

Curve tolerance according to ISO 9906



Weight : 88 kg

Motor data

Motor brand : DAB
Nominal power P₂ : 7,5 kW
Rated speed : 2.920 1/min
Rated voltage : 3~ 400 V 50 Hz
Nominal current : 15 A
Degree of protection : IP 55

Dimensions in mm

A	600	Z1	80
B	273	Z2	65
C	100		
E	110		
G	212		
H	385		
H1	160		
H2	225		
I	14		
ØI	14		
X1	200		
X2	185		
Y1	160		
Y2	145		

Pump connection

Suction side : DN 80 / 145 psi
Discharge side : DN 65 / 145 psi



PERFORMANCE CURVES

2024-03-27

Page 2 / 3

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

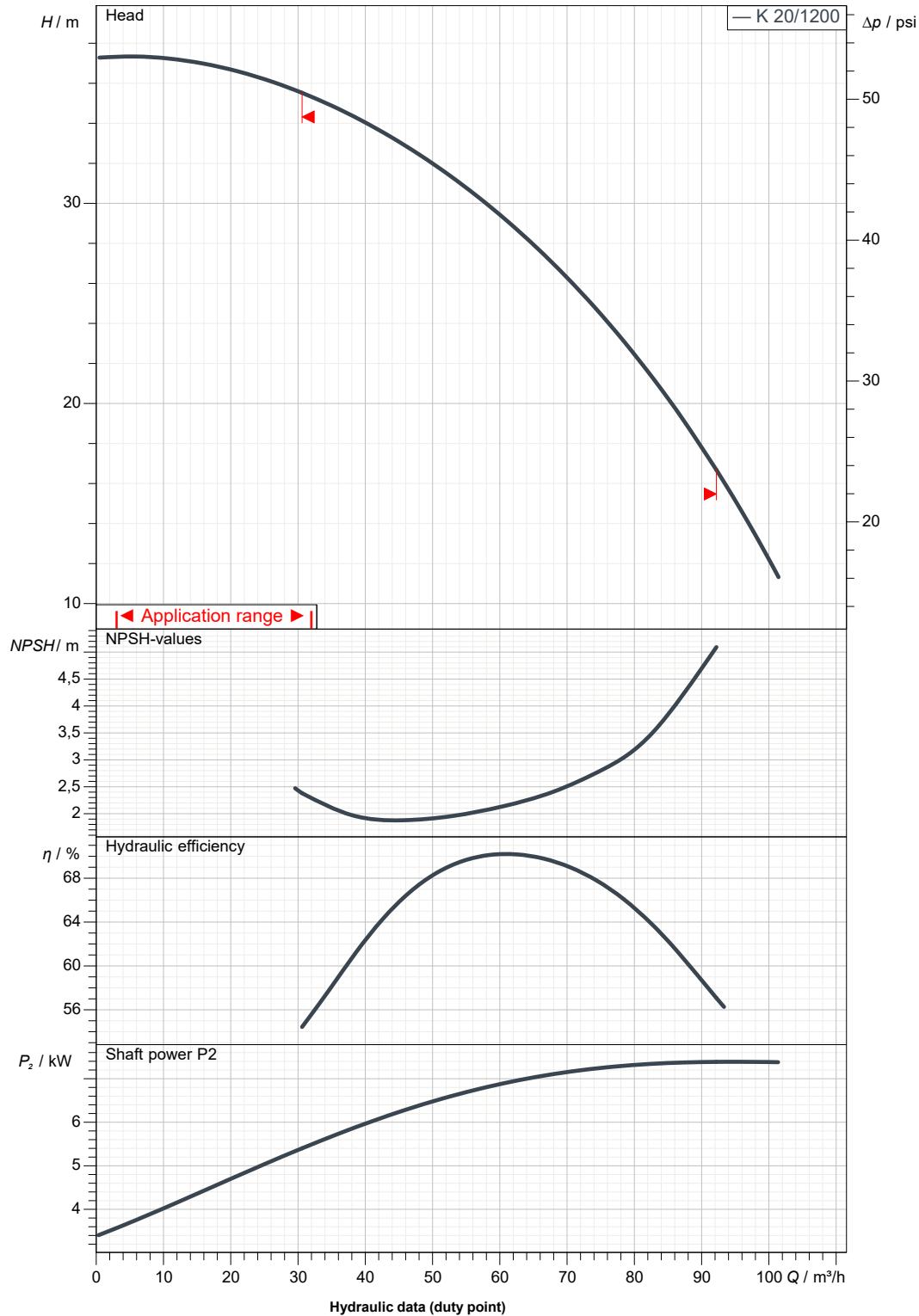
Receiver

From

Company
Reference
Address
Phone
Fax
E-mail

K 20/1200 T IE3

Curve tolerance according to ISO 9906



Suction side :
DN 80
145 psi

Discharge side :
DN 65
145 psi

Flow :

Head :

Rated speed :
2.920 1/min

Project

Project ID

Created by

Created on

2024-03-27



DIMENSIONAL DRAWING

2024-03-27

Page 3 / 3

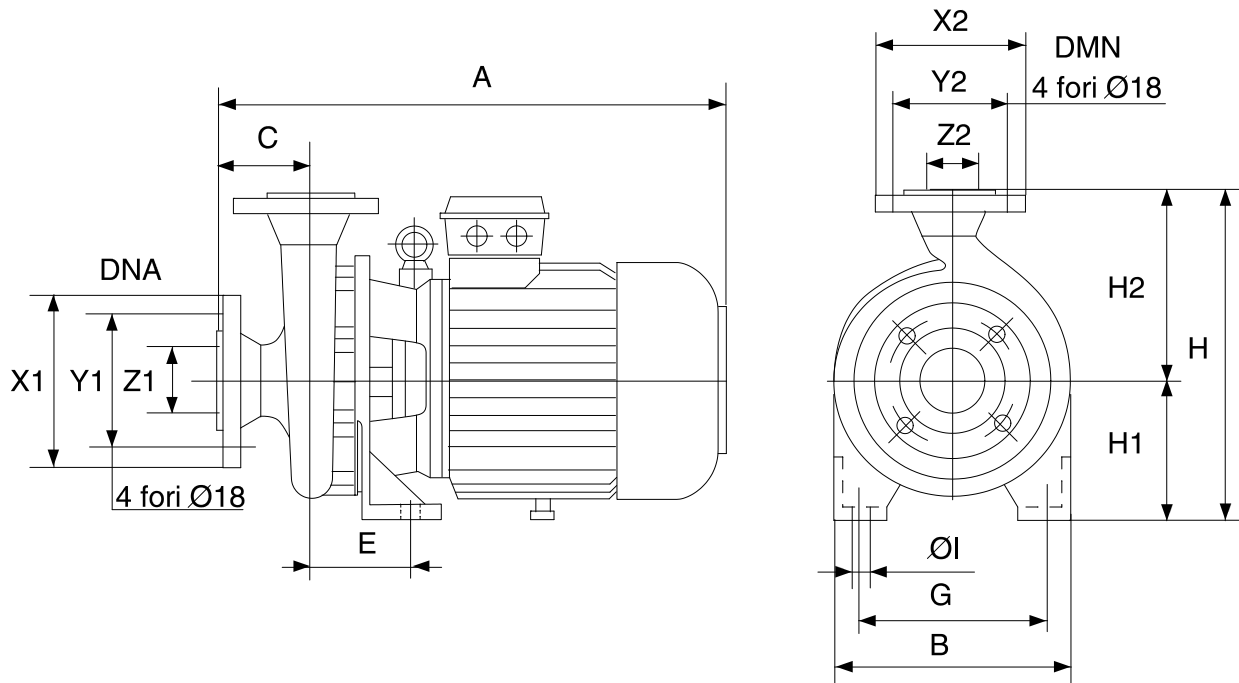
DAB PUMPS S.p.A.
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy
Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

Receiver

From

Company
Reference
Address
Phone
Fax
E-mail

K 20/1200 T IE3



Dimensions in mm

Pump connection

1	A	600	Y1	160			
2	B	273	Y2	145			Suction
3	C	100	Z1	80			DN 80
4	E	110	Z2	65			145 psi
5	G	212					Discharge
6	H	385					DN 65
7	H1	160					145 psi
8	H2	225					
9	ØI	14					
10	X1	200					
11	X2	185					

Project

Project ID

Created by

Created on

2024-03-27