

Receiver

From

Company
Reference
Address
Phone
Fax
E-mail

Item n° : 102161072
Customer pos. no.:

Model :
DP 251 M

Pump data

Pressure rating : 116 psi
Min. fluid temperature : 0 °C
Max. fluid temperature : 35 °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 :

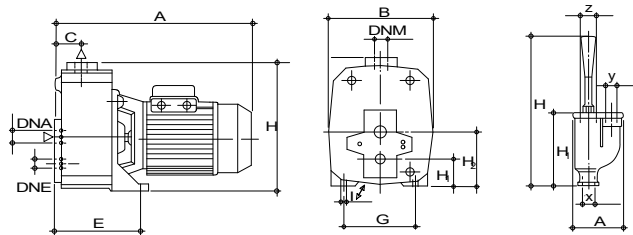
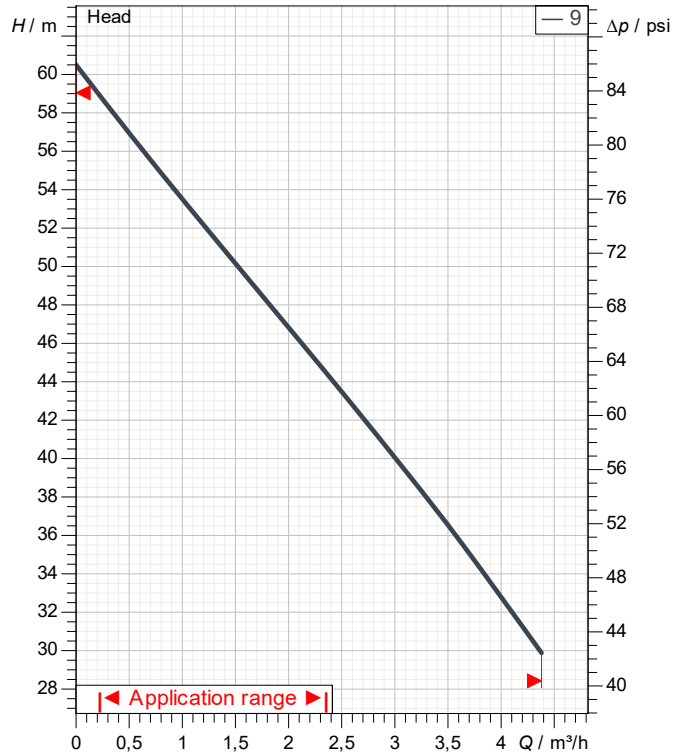
Materials

Pump body : Cast iron 200 UNI ISO 185
Ejector body : Cast iron 200 UNI ISO 185
Support : Cast iron 200 UNI ISO 185
Diffuser : Technopolymer
Shaft with rotor : AISI 303 X10 CrNiS 1809 UNI 6900/71
Impeller : Technopolymer
Nozzle venturi : Technopolymer

Motor data

Motor brand : DAB
Nominal power P2 : 1,85 kW
Rated speed : 2.800 1/min
Rated voltage : 1~ 220-240 V 50 Hz
Nominal current : 8,3 A
Degree of protection : IP 44

Curve tolerance according to ISO 9906



Dimensions in mm

A	462	DNE	1" G	H_e	295	x	1" G
A_e	97	DNM	1" G	H1	53	y	1" G
B	210	E	197	H1_e	143	z	1"1/4 G
C	50	G	145	H2	108		
DNA	1"1/4 G	H	255	I Ø	11		

Weight : 32,5 kg

Pump connection

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



PERFORMANCE CURVES

18/12/2024

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

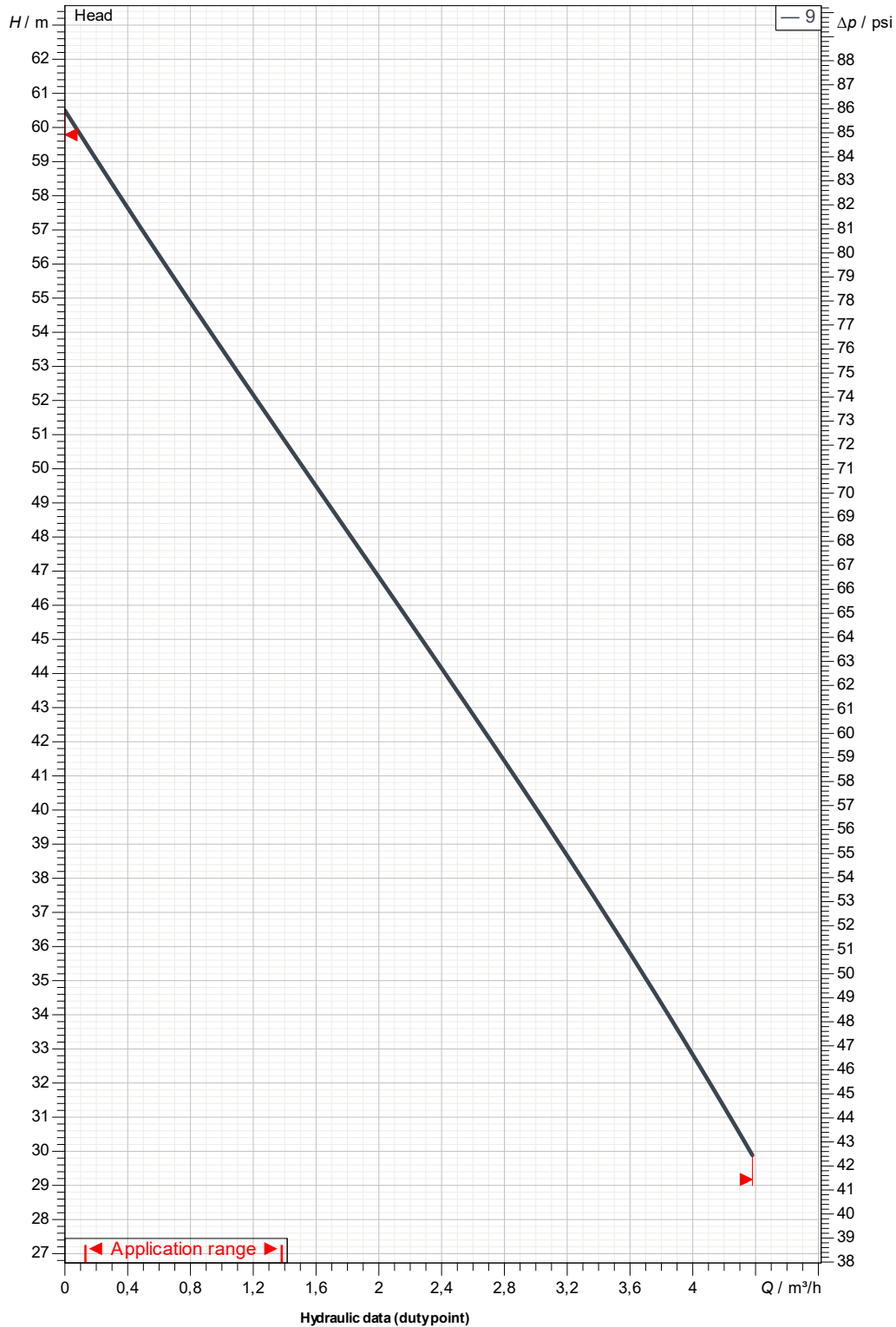
Receiver

From

Company
Reference
Address
Phone
Fax
E-mail

DP 251 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

Project ID

Created by

Created on

18/12/2024



DIMENSIONAL DRAWING

18/12/2024

Page 3 / 3

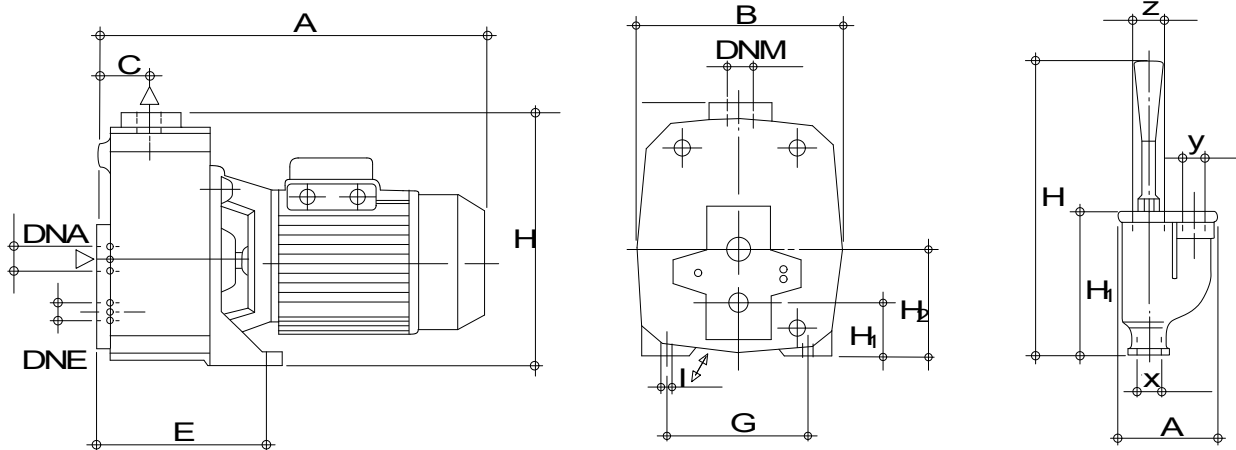
DAB PUMPS S.p.A.
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy
Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

Receiver

From

Company
Reference
Address
Phone
Fax
E-mail

DP 251 M



Dimensions in mm

Pump connection

1	A	462	H1	53	Suction 1" 1/4 G 116 psi Discharge 1" G 116 psi
2	A_e	97	H1_e	143	
3	B	210	H2	108	
4	C	50	I Ø	11	
5	DNA	1" 1/4 G	x	1" G	
6	DNE	1" G	y	1" G	
7	DNM	1" G	z	1" 1/4 G	
8	E	197			
9	G	145			
10	H	255			
11	H_e	295			

Project	Project ID	Created by	Created on 18/12/2024
---------	------------	------------	---------------------------------