DATA SHEET

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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

Society
Reference
Address
Phone
Fax
E-mail

From

Item n° :
505808001

Model :
A 110/180 M

Pump data

Pressure rating :	10 bar (1000 KPa)
Min. fluid temperature :	-10 °C
Max. fluid temperature :	110 °C

Minimun suction head :

Temperature	°C	90
Minimun suction head :	m	2,5

Requested data

Flow :	
Head :	
Fluid (%) :	
Fluid Temperature :	20 °C
Density :	998,3 kg/m³
Kinematic viscosity :	1,005 mm²/s
Vapor pressure :	2,34 kPa

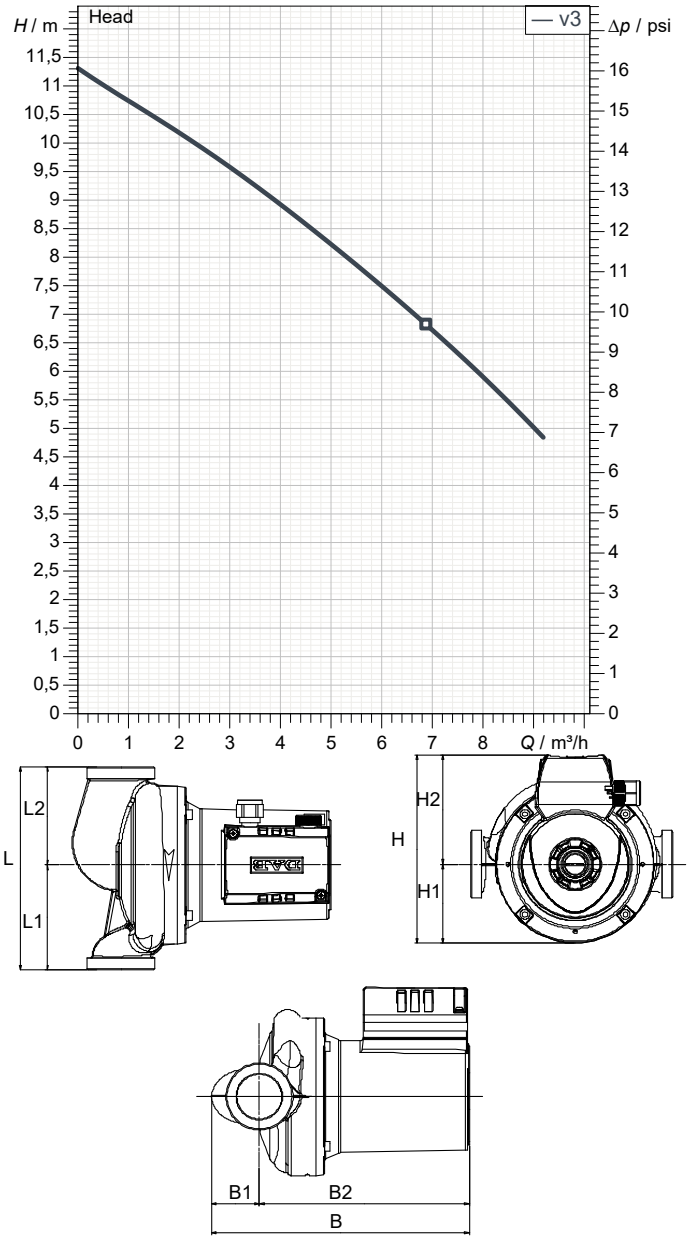
Hydraulic data (duty point)

Flow :	
Head :	

Materials

Pump body	Cast iron
Impeller	Technopolymer
Motor shaft	Stainless steel
Air vent plug	Brass
Seal ring	Etyilene propylene
Motor casing	Die cast aluminium
Stator jacket	Stainless steel

Curve tolerance according to ISO 9906



Motor data

Motor brand :	DAB	
Power input P1 :	0,41 kW	
Rated speed :	2.746 1/min	
Rated voltage :	1~ 230 V	50 Hz
Nominal current :	1,77 A	
Degree of protection :	IP 44	

Dimensions in mm

B	229	H	167	L1	93		
B1	42	H1	70	L2	87		
B2	186	H2	97				
F	1 1/2 "G	L	180				

Weight : 5,3 kg

Pump connection

Suction side :	1 " 1/2	/	10 bar (1000 KPa)
Discharge side :	1 " 1/2	/	10 bar (1000 KPa)

DAB PUMPS reserves the right to make modifications without notice

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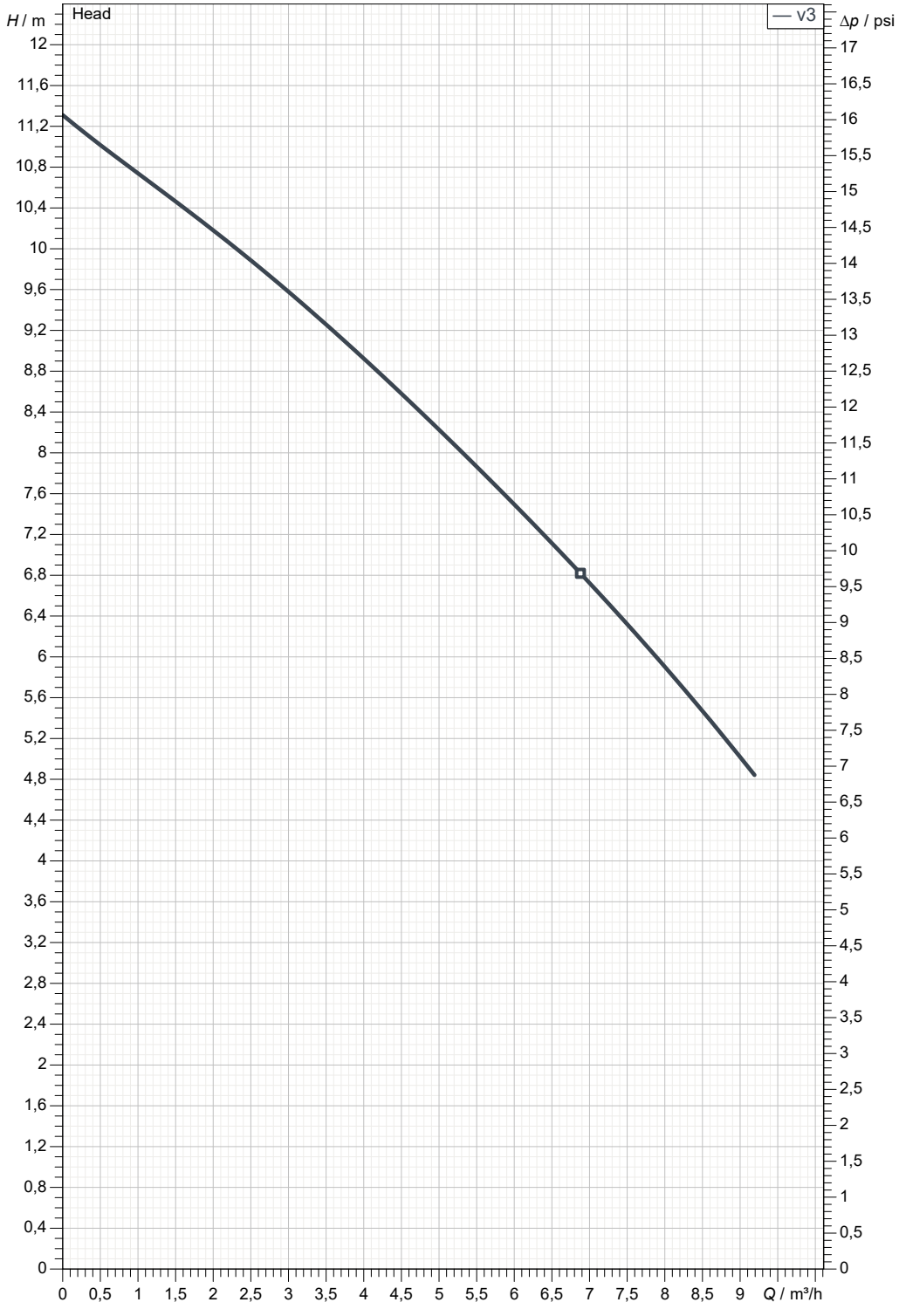

Hydraulic data (duty point)

Suction side :	Discharge side :	Flow :	Head :	Rated speed :
1 " 1/2 10 bar (1000 KPa)	1 " 1/2 10 bar (1000 KPa)			2.746 1/min

MAIN_PROJECT_TITLE	BUSINESS_PROCESS_IE	OWNER_	ISSUE_DATE
			2021-08-04

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DIMENSIONAL DRAWING

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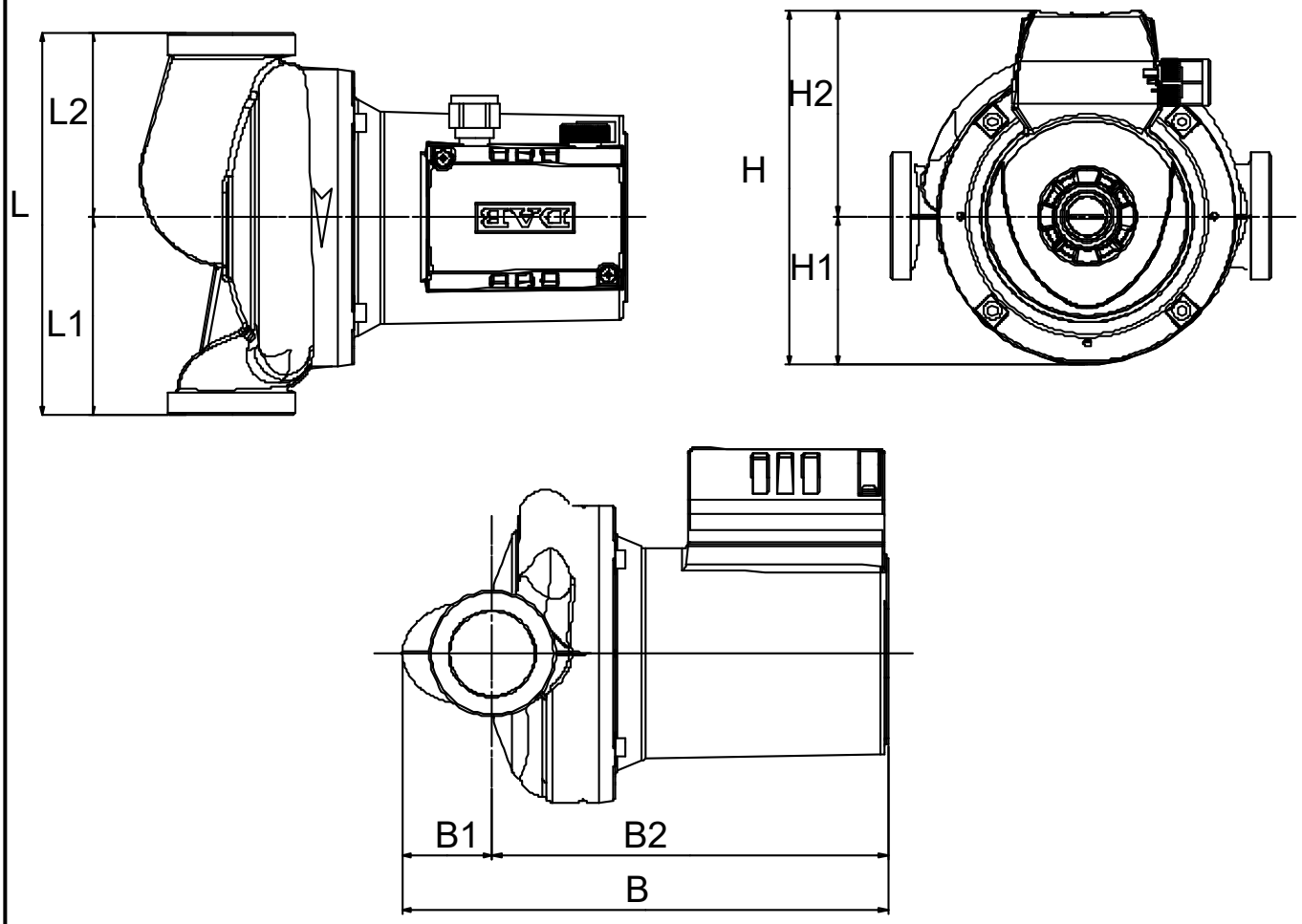

Dimensions in mm			Pump connection
1	B	229	Suction
2	B1	42	1 " 1/2
3	B2	186	10 bar (1000 KPa)
4	F	1 1/2 "G	
5	H	167	
6	H1	70	
7	H2	97	Discharge
8	L	180	1 " 1/2
9	L1	93	10 bar (1000 KPa)
10	L2	87	
11			
12			

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