

BEST 3 M

Performance Curve

Pump Name

BEST 3 M

Customer	Date	2022-11-01	Company
Contact	Item no.		Issued by
Phone	Project		Phone
E-mail	Project ID		E-mail

Requested data

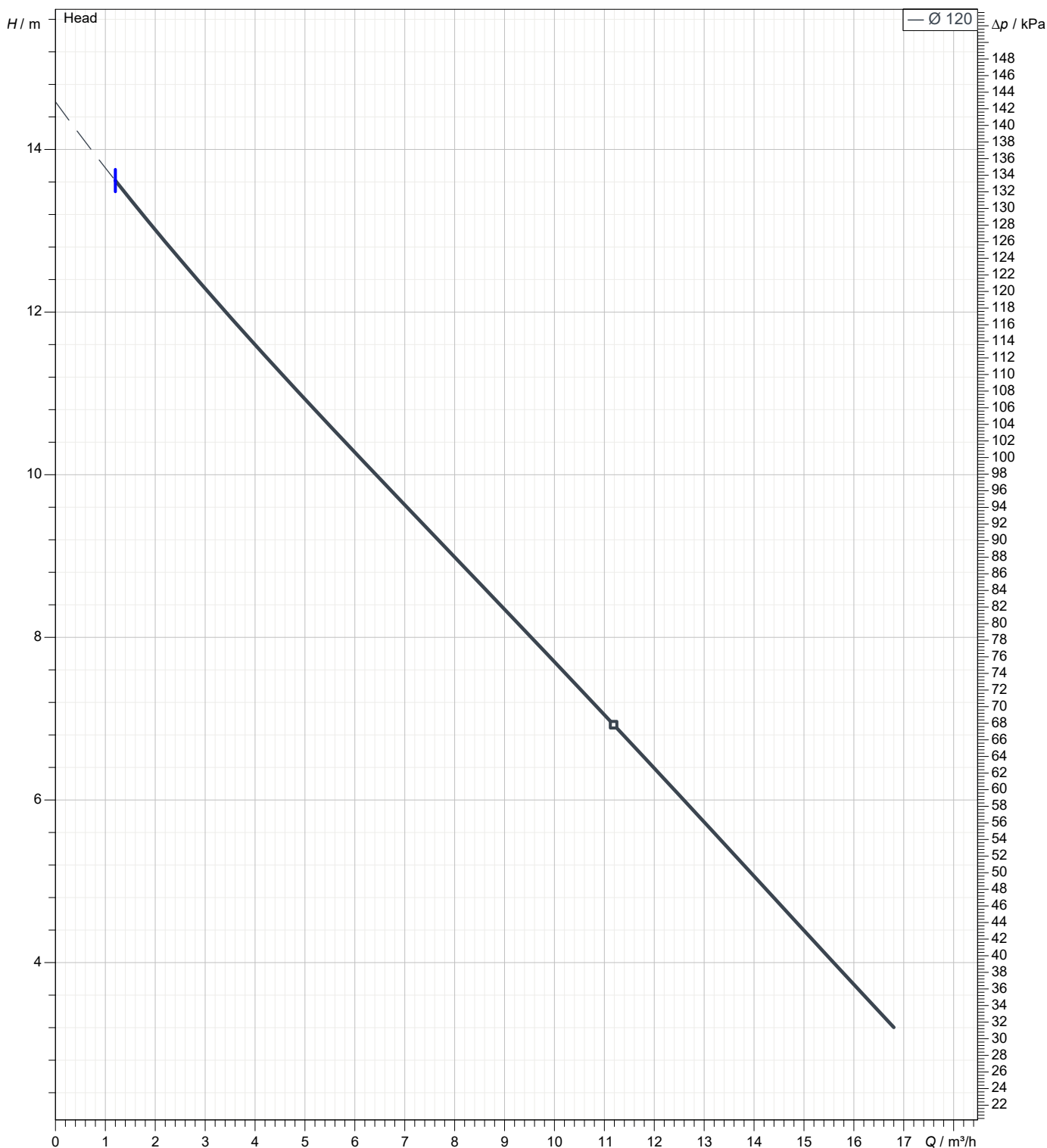
1	Flow	m³/h	
2	Head	m	
3	Geodetic head	m	

Pump

Operating Flow	m³/h		Frequency	Hz	50
Operating Head	m		Number of poles		2
Impeller diameter designed	mm	120	Speed	1/min	2800

Test standard: ISO 9906:2012 - Grade3B

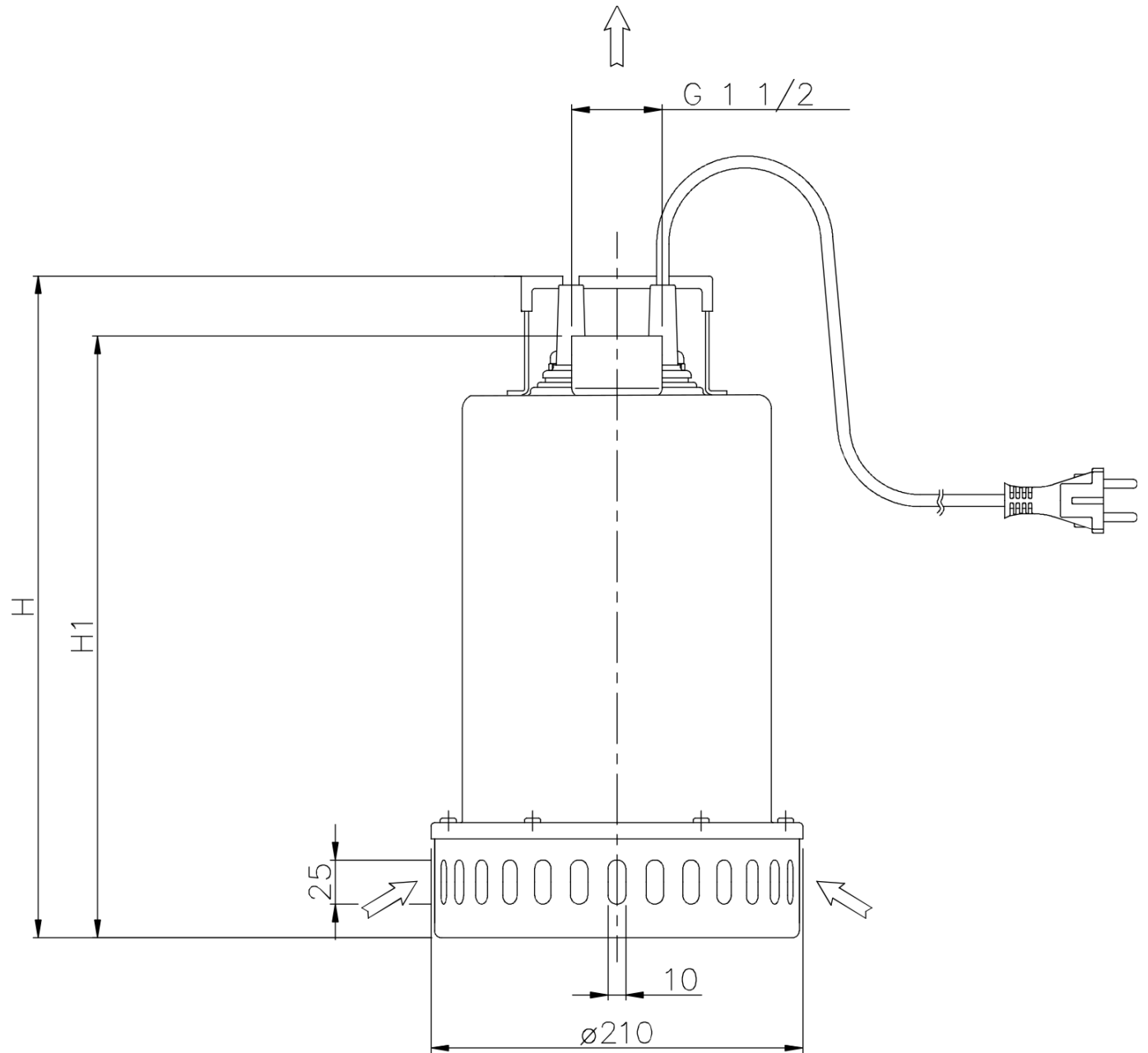
Water; 20°C; 998.3kg/m³; 1mm²/s



Dimensions

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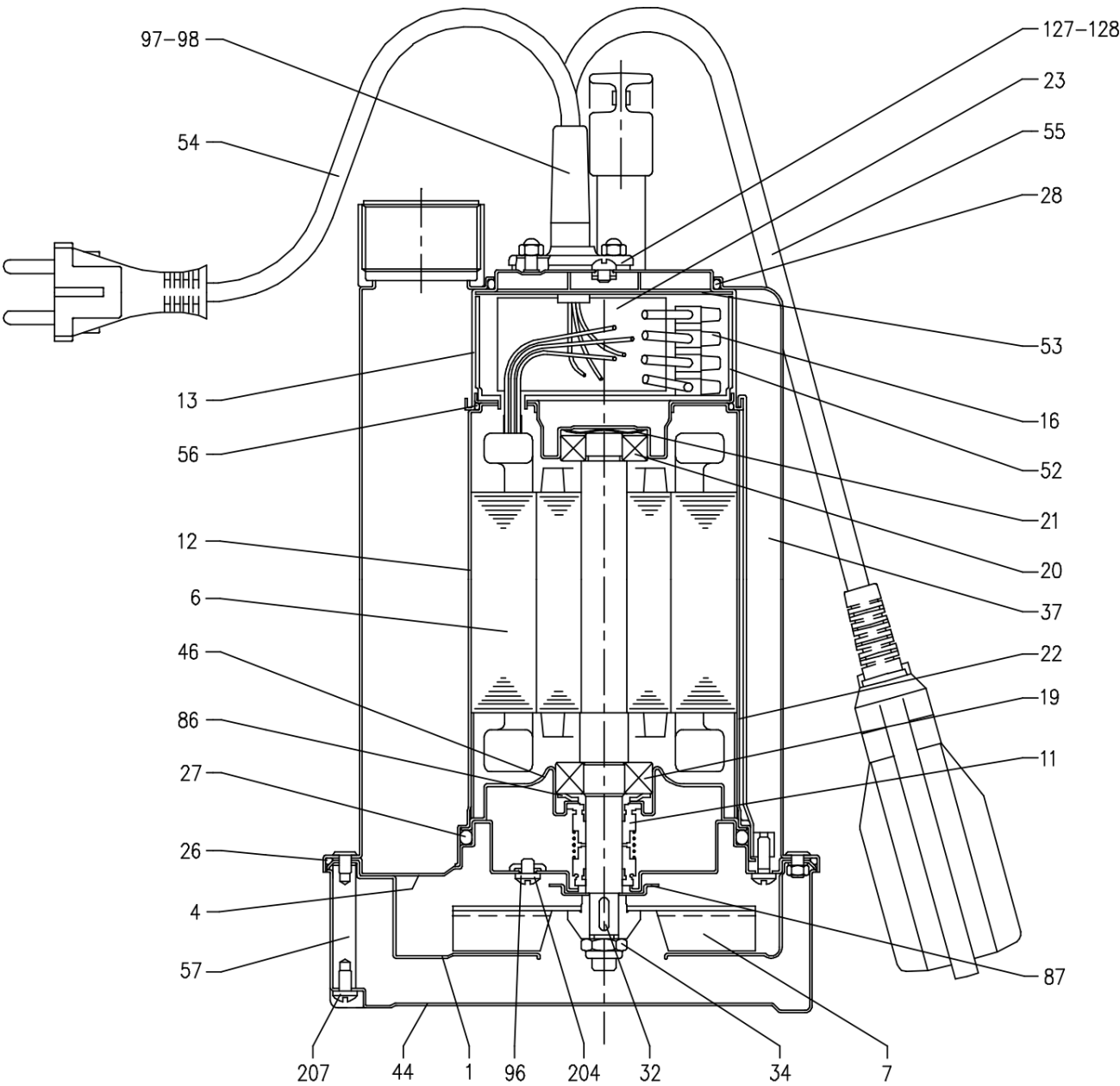


Dimensions in mm								
1	H	352						
2	H1	315						
3	Weight P&M	12,7 kg						
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								

(1/3)
Construction

Pump Name BEST 3 M

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Construction

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N°	PART NAME	MATERIAL	Q.TY
1	Volute	AISI 304	1
4	Motor bracket	AISI 304	1
6	Shaft with rotor	AISI 303	1
7	Impeller	AISI 304	1
11	Mechanical seal [3]	NBR	2
12	Motor frame with stator	-	1
13	Motor cover	AISI 304	1
16	Terminal	-	1
19	Pump side ball bearing	-	1
20	Fan side ball bearing	-	1
21	Adjusting ring	Steel C70	1
22	Tie rod	AISI 304	3
23	Capacitor [2]	-	1
26	"O" Ring	NBR	1
27	"O" Ring	NBR	1
28	"O" Ring	NBR	1
32	Key	AISI 304	1
34	Impeller nut	AISI 304	1
37	Pump casing	AISI 304	1
44	Strainer	AISI 304	1
46	Bearing housing	AISI 304	1
52	Terminal insulating box	PA66 glass fibre reinforced class V-0	1
53	Terminal insulating cover	PA66 class V-0	1
54	Power cable	-	1
55	Float switch [1]	-	1
56	"O" Ring	NBR	1
57	Bolt	AISI 303	3
86	Washer	AISI 304	1
87	Impeller ring	AISI 304	1
96	"O" Ring	NBR	3
97	Cable connector [1]	NBR	1
98	Cable connector	NBR	1
127	Cable connector [1]	AISI 304	1
128	Cable connector	AISI 304	1
204	Screw	Stainless steel A2 UNI 7323	3
207	Screw	Stainless steel A2 UNI 7323	3

[1] Only for version single phase with float switch

[2] Only for version single phase

[3] See **CONSTRUCTION 3**

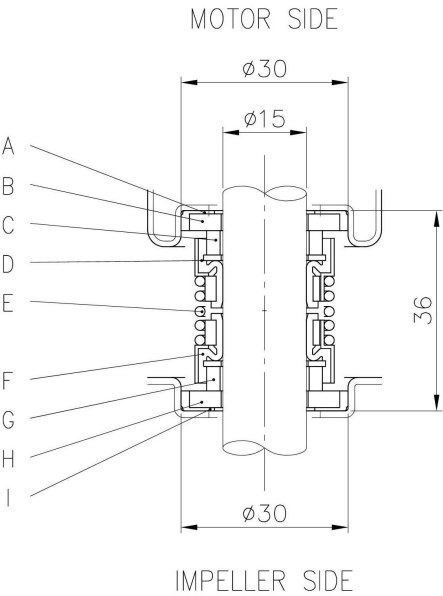
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Construction

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REF	PART NAME	MATERIAL
A	Rubber cup	NBR
B	Seat	Ceramic
C	Seal face	Carbon
D	Below	NBR
E	Spring	AISI 304
F	Below	NBR
G	Seal face	Silicon carbide
H	Seat	Silicon carbide
I	Rubber cup	NBR