



Japanese Technology since 1912

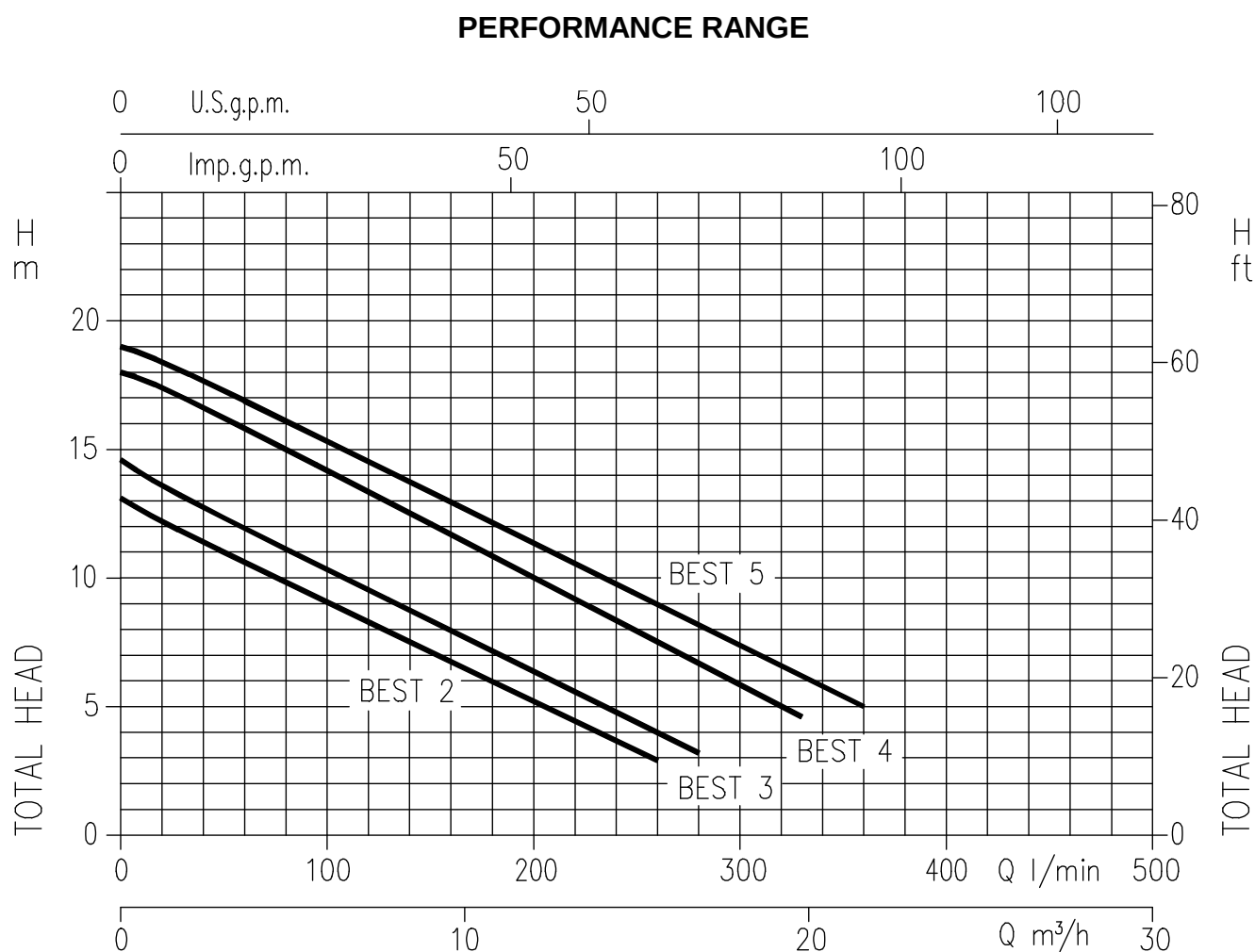
BEST 2 -5

Data Book 50Hz

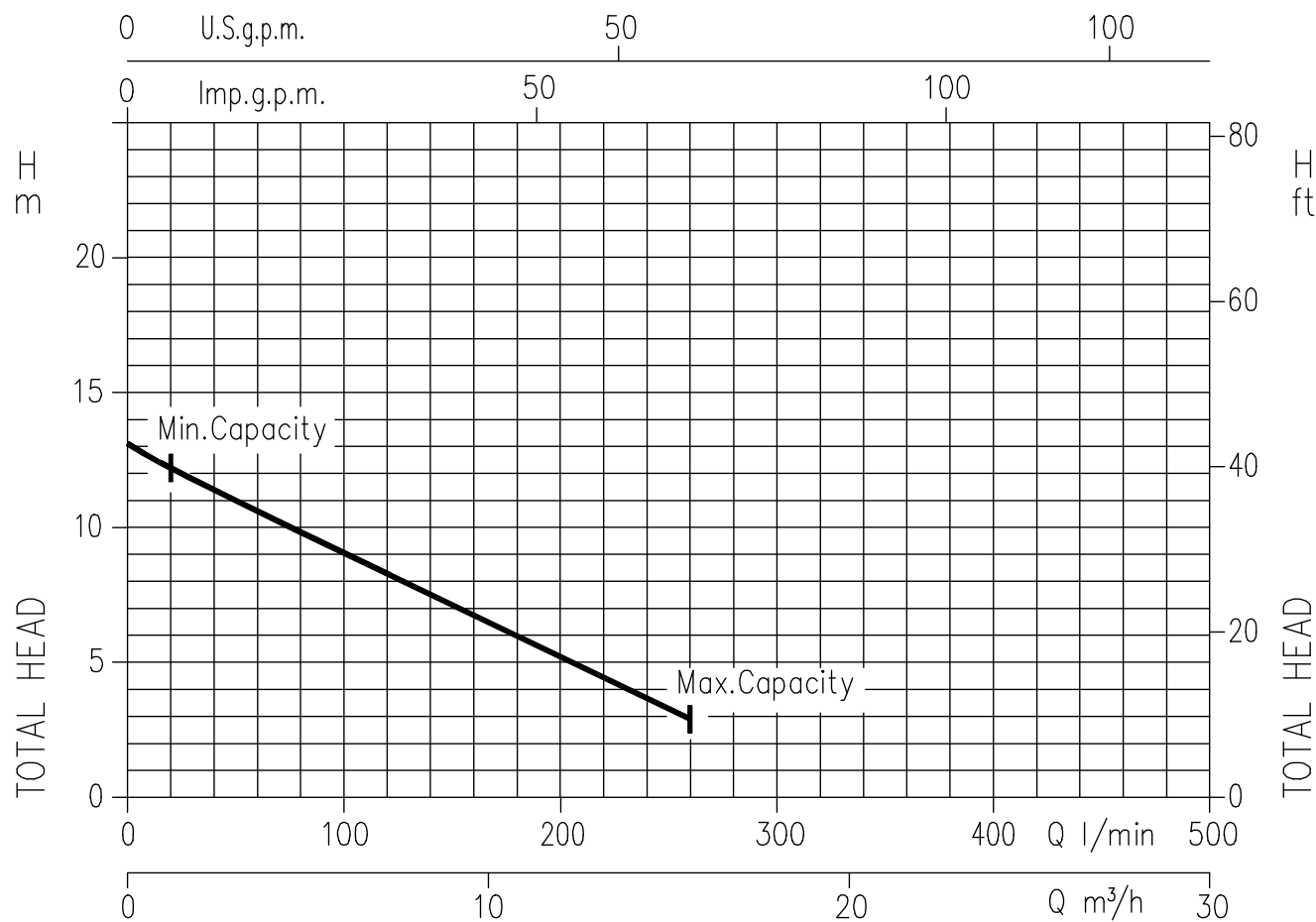


SELECTION CHART**50Hz**

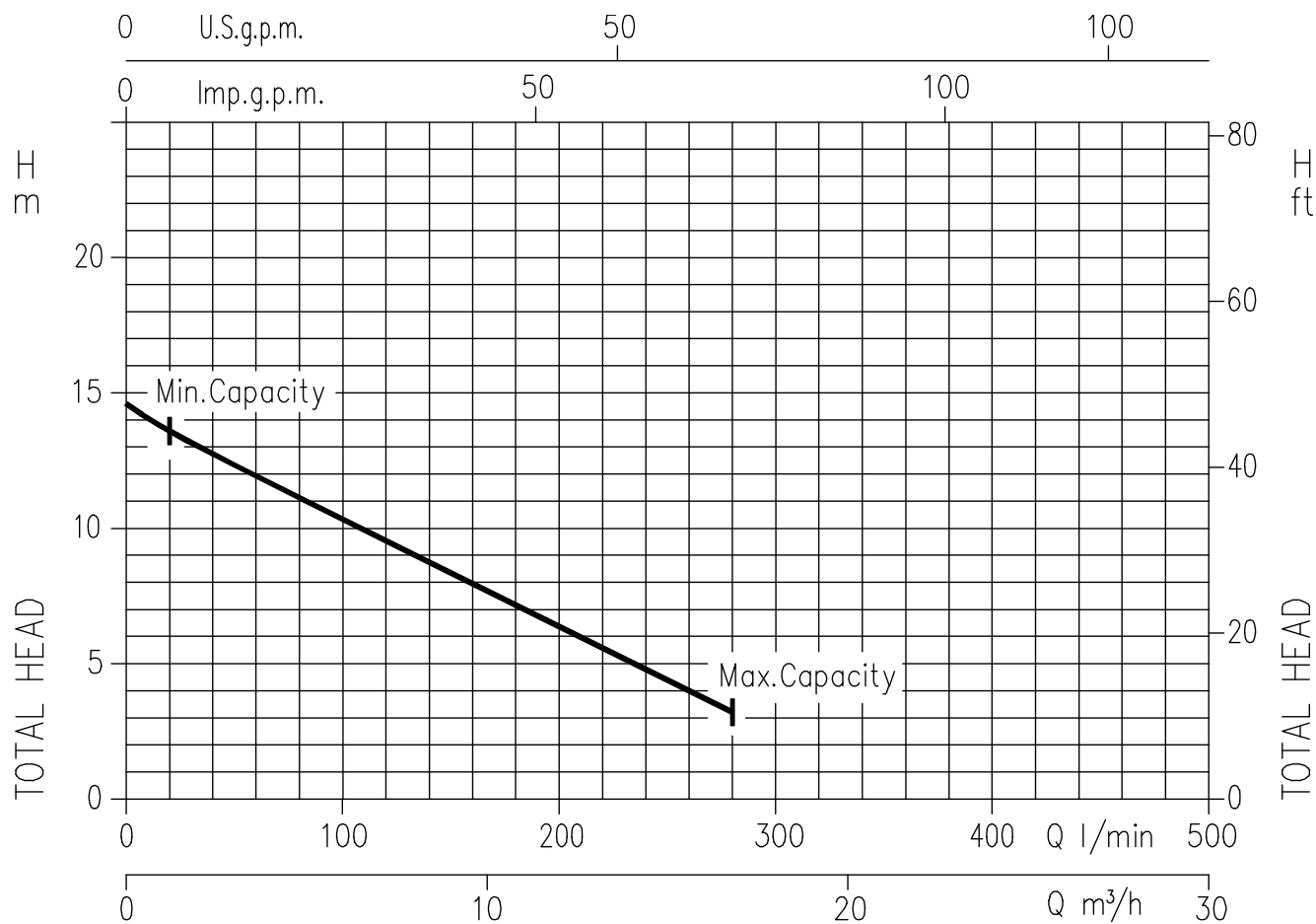
Rev. I

**SELECTION CHART**

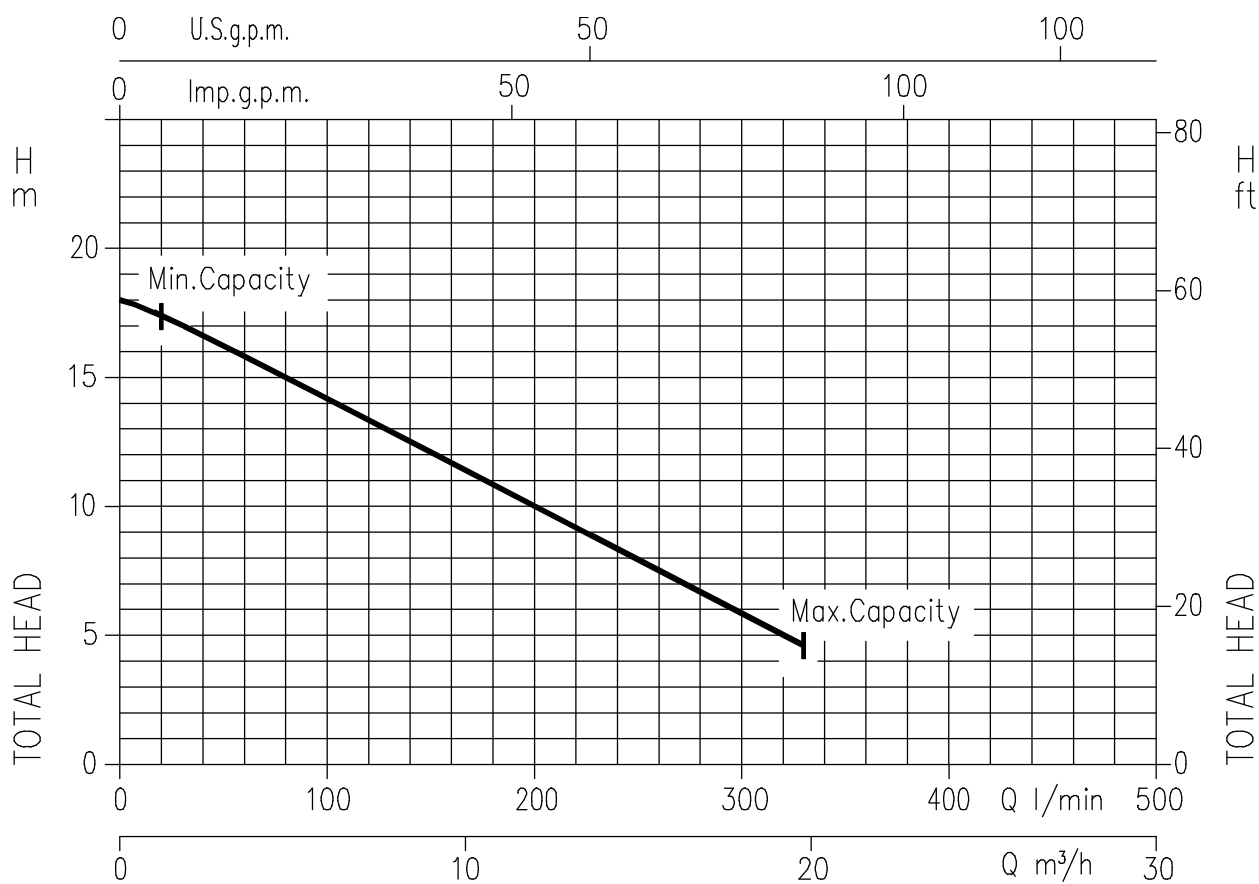
Pump type	Power		Q=Capacity													
	[kW]	[HP]	l/min m³/h	0	20	40	80	120	160	170	200	260	280	300	330	360
H=Total manometric head in meters																
BEST 2	0.55	0.75	13.1	12.2	11.4	9.8	8.3	6.7	6.3	5	2.9	-	-	-	-	-
BEST 3	0.75	1	14.6	13.6	12.7	11.1	9.5	7.9	7.6	6.4	4	3.2	-	-	-	-
BEST 4	1.1	1.5	18	17.4	16.6	15	13.4	11.7	11.3	10	7.5	6.7	5.9	4.6	-	-
BEST 5	1.5	2	19	18.4	17.7	16.1	14.5	12.8	12.5	11.4	9	8	7.4	6	5	-

BEST 2 (0.55 kW) – impeller diameter = 112 mm

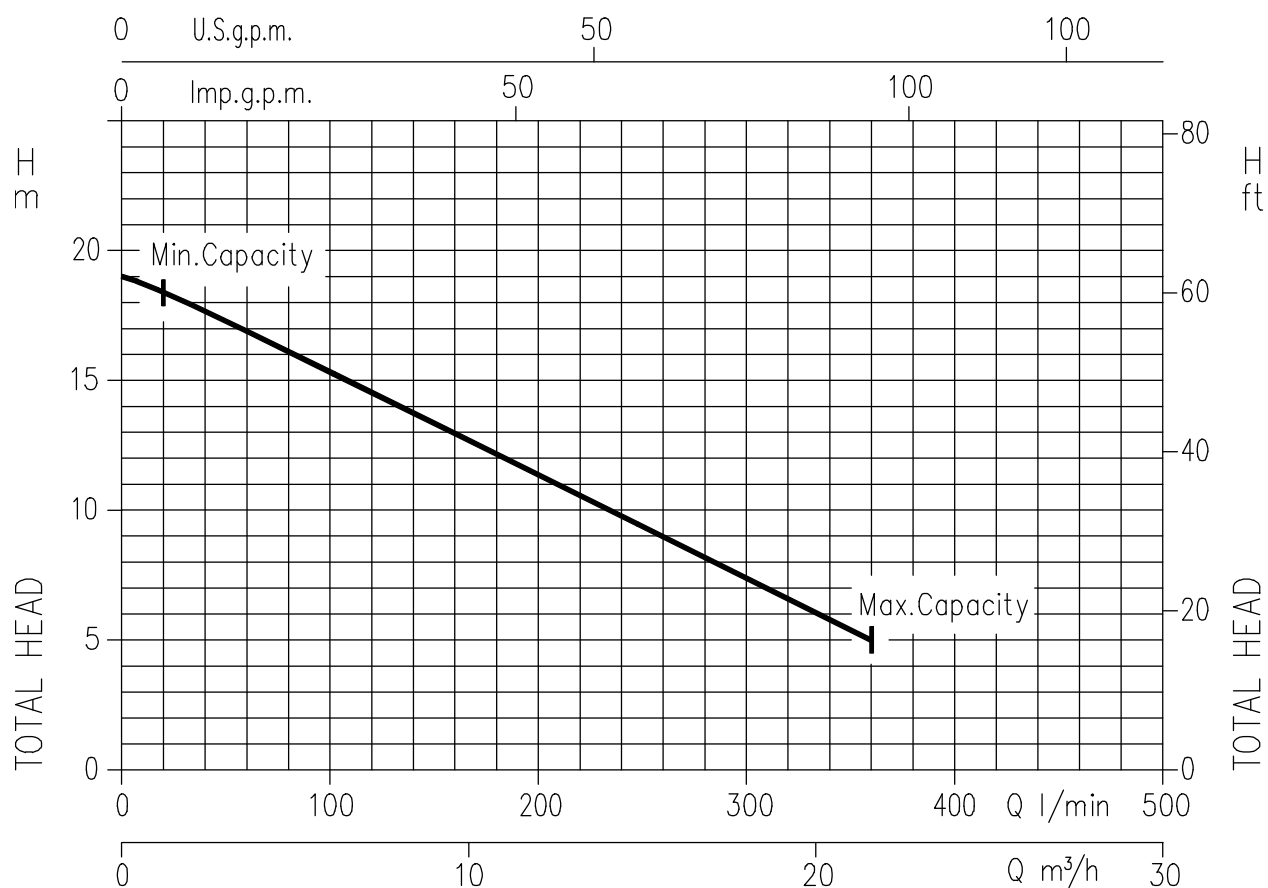
Rotation speed $\approx 2800 \text{ min}^{-1}$
 Test standard: ISO 9906:2012 - Grade 3B

BEST 3 (0.75 kW) – impeller diameter = 120 mm

Rotation speed $\approx 2800 \text{ min}^{-1}$
Test standard: ISO 9906:2012 - Grade 3B

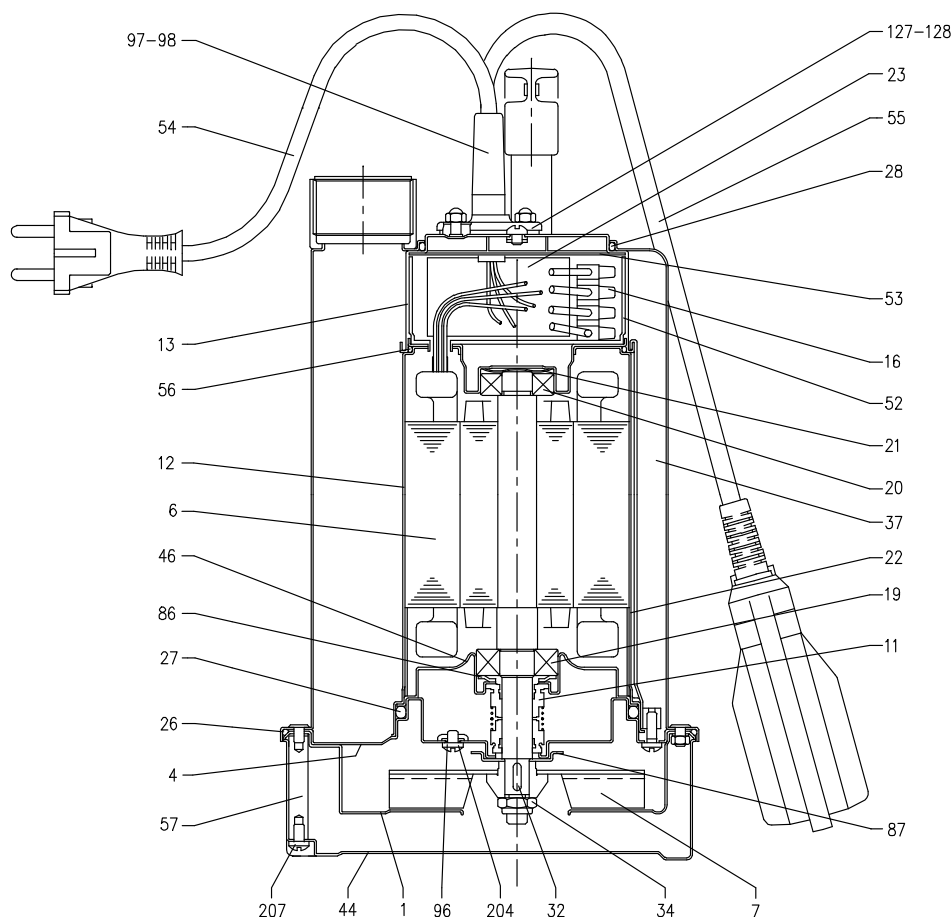
BEST 4 (1.1 kW) – impeller diameter = 125 mm

Rotation speed $\approx 2800 \text{ min}^{-1}$
Test standard: ISO 9906:2012 - Grade 3B

BEST 5 (1.5 kW) – impeller diameter = 125 mm

Rotation speed $\approx 2800 \text{ min}^{-1}$
Test standard: ISO 9906:2012 - Grade 3B

SECTIONAL VIEW



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 [4]	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

N°	PART NAME	MATERIAL	Q.TY
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 Mechanical Seal dimensions at page 301