



Stainless Steel Pumps

Model BEST 2~5 Submersible Sump Pumps



Specifications

Submersible pump with open impeller
 Maximum solids handling 10 mm
 Maximum liquid temperature: 50°C
 Maximum submergence: 10m

Materials

Pump casing: 304 Stainless Steel
 Impeller: 304 Stainless Steel
 Casing cover: 304 Stainless Steel
 Shaft : 303 Stainless Steel
 Seal Cover: 304 Stainless Steel
 Fasteners: 304 Stainless Steel
 Mechanical seal: Double mechanical seal in oil lubricated chamber, Silicon Carbide lower faces, Carbon/Ceramic upper faces.

Motor Data

Air filled, dry submersible, 2 pole motor
 Insulation class F
 IP68 protection
 50 Hz, 3 phase - 415 Volt, 1 phase - 240 Volt
 In built overload protection for 1 phase

Cable

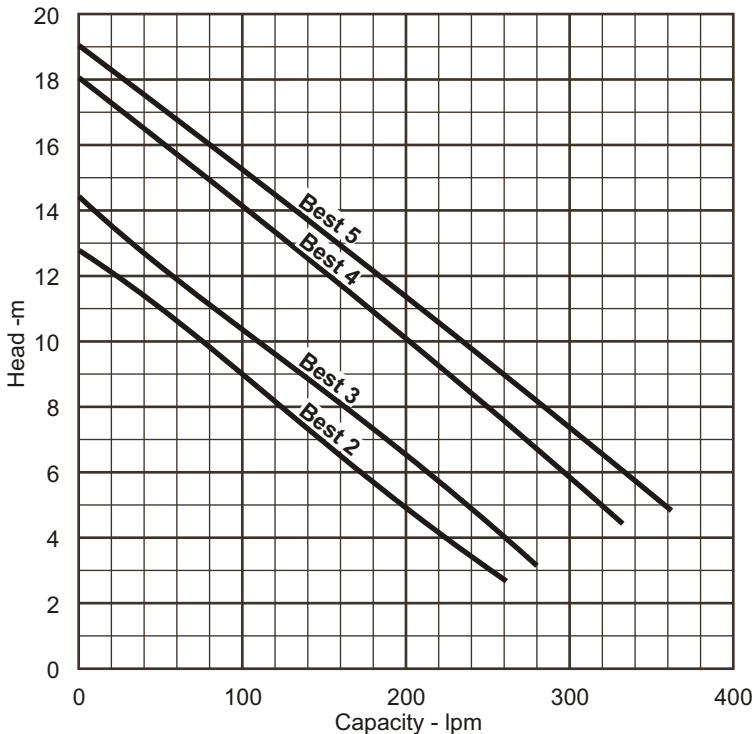
10 m of cable (without plug)

Range

40 mm discharge
 0.55 to 1.5 kW motors
 Single phase (upto 1.1kW), automatic or manual versions
 Three phase, manual version only

Submersible pump with open impeller, handling up to 10 mm solids. All stainless steel construction, with double mechanical seal in oil bath.

Performance Curve



Model Code

BEST 2 MA — 1 phase, Automatic
 BEST 3 M — 1 phase, Manual
 BEST 5 — (blank) 3 phase, Manual
 "Size" 2 = 0.55 kW
 3 = 0.75 kW
 4 = 1.1 kW
 5 = 1.5 kW

Synchronous Speed:
3000 r.p.m.

Water temp:
20°C

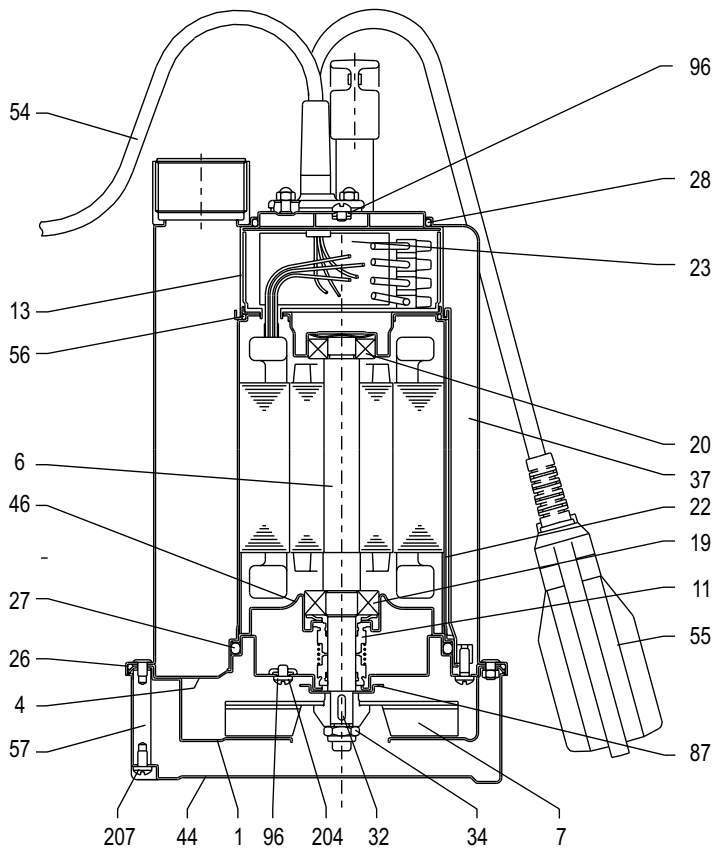
Applicable standard of test :
ISO 2458 Class C

Performance Table

Pump Model	Motor Output	Discharge Ø mm	Full Load Current		Capacitor (1Phase models only)	Q= Capacity - litres/min										
			1 Phase Models 240 V, 1ph.	3 Phase Models 415 V, 3ph.		40	80	120	160	200	260	280	330	360		
BEST 2	0.55 kW	40 mm	4.4 A	2.0 A	16 µF	11.4	9.8	8.3	6.7	5.0	2.9					
BEST 3	0.75 kW	40 mm	5.6 A	2.4 A	20 µF	12.7	11.1	9.5	7.9	6.4	4.0	3.2				
BEST 4	1.1 kW	40 mm	7.3 A	3.0 A	31.5 µF	16.6	15.0	13.4	11.7	10.0	7.5	6.7	4.6			
BEST 5	1.5 kW	40 mm	N/A	3.3 A	N/A	17.7	16.1	14.5	12.8	11.4	9.0	8.0	6.0	5.0		

Sectional Drawing

Model Best 2~5



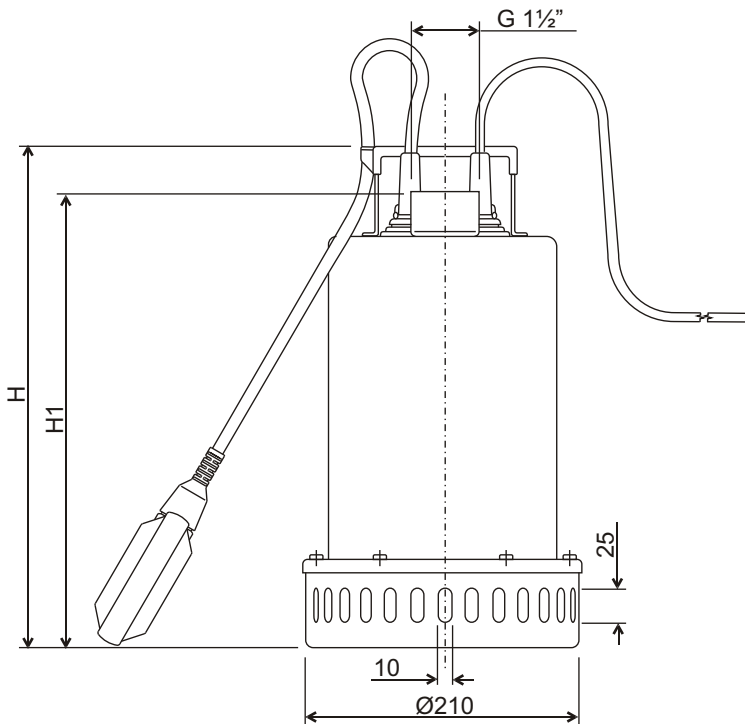
Item Number	Description	Material	Quantity per unit
1	Casing	AISI 304 Stainless Steel	1
4	Motor Bracket	AISI 304 Stainless Steel	1
6	Shaft with rotor #	AISI 303 Stainless Steel	1
7	Impeller	AISI 304 Stainless Steel	1
11	Mechanical Seal	SiC/SiC -Car/Cer. -NBR	1
13	Cover	AISI 304 Stainless Steel	1
19	Lower Bearing	Sealed Ball Bearing	1
20	Upper Bearing	Sealed Ball Bearing	1
22	Tie Rod	AISI 304 Stainless Steel	3
23	Capacitor ¹		1
26	O' Ring	NBR Rubber	1
27	O' Ring	NBR Rubber	1
28	O' Ring	NBR Rubber	1
32	Impeller Key	AISI 304 Stainless Steel	1
34	Impeller Nut	AISI 303 Stainless Steel	1
37	Pump Casing	AISI 304 Stainless Steel	1
44	Strainer	AISI 304 Stainless Steel	1
46	Lower Bearing Bracket	AISI 304 Stainless Steel	1
54	Submersible Power Cable		1
55	Float Switch ²		1
56	O' Ring	NBR Rubber	1
57	Bolt	AISI 303 Stainless Steel	3
87	Impeller Ring	AISI 304 Stainless Steel	1
96	O' Ring	NBR Rubber	3
204	Screw	AISI 304 Stainless Steel	3
207	Screw	AISI 304 Stainless Steel	3

refers to pump side of shaft material
 1 - only for single phase versions
 2 - only for automatic single phase versions

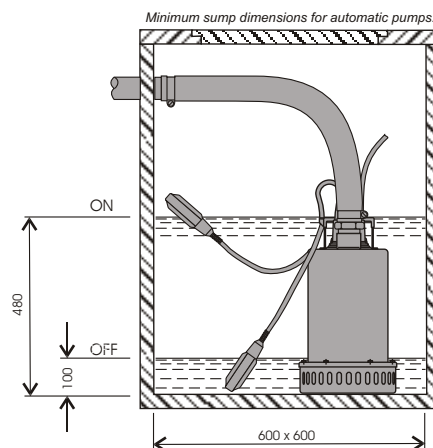
Dimensions

Model Best 2~5

Units: mm unless otherwise specified



Pump Type	Dimensions (mm)	
	H	H1
BEST 2	352	315
BEST 3	352	315
BEST 4	377	340
BEST 5	377	340



Specifications subject to change without notice