

## SUBMERSIBLE SUMP PUMPS in AISI 304

Submersible sump pump made of stainless steel AISI 304, double mechanical seals ensure long life and reliability. Suitable for draining wells, plant room sump, lift shaft emptying, pools, sumps, irrigation, and water displays. Options include with - without float switch. Solids handling upto 10mm



### SPECIFICATIONS

- Maximum liquid temperature: 35°C according EN 60335-2-41 for domestic uses 50°C for other uses
- Maximum immersion: 10 mts
- Maximum passage of solids: 10 mm

### MATERIALS

- Pump casing, impeller, strainer, cover, casing cover and motor casing in AISI 304
- Shaft in AISI 303
- Double mechanical seal with interposed oil chamber upper in carbon-ceramic/NBR - lower in SiC/SiC/NBR

### TECHNICAL DATA

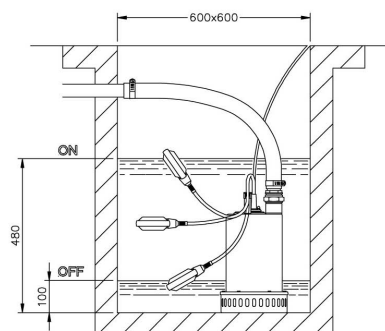
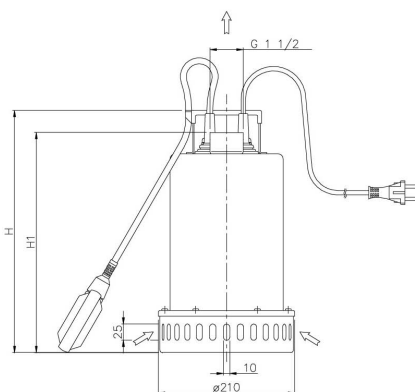
- Asynchronous 2 poles motor
- Insulation class F
- Protection degree IP68

#### Single Phase version:

- Standard voltage: 110 V / 60 Hz - 3450 r.p.m.
- Built in overload motor protector with automatic reset.
- Permanent split capacitor

#### Three Phase version:

- Standard voltage: 220 V / 60Hz - 3450 r.p.m.
- Motor protection must be provided by the user.
- DNM 1<sup>1</sup>/<sub>2</sub>

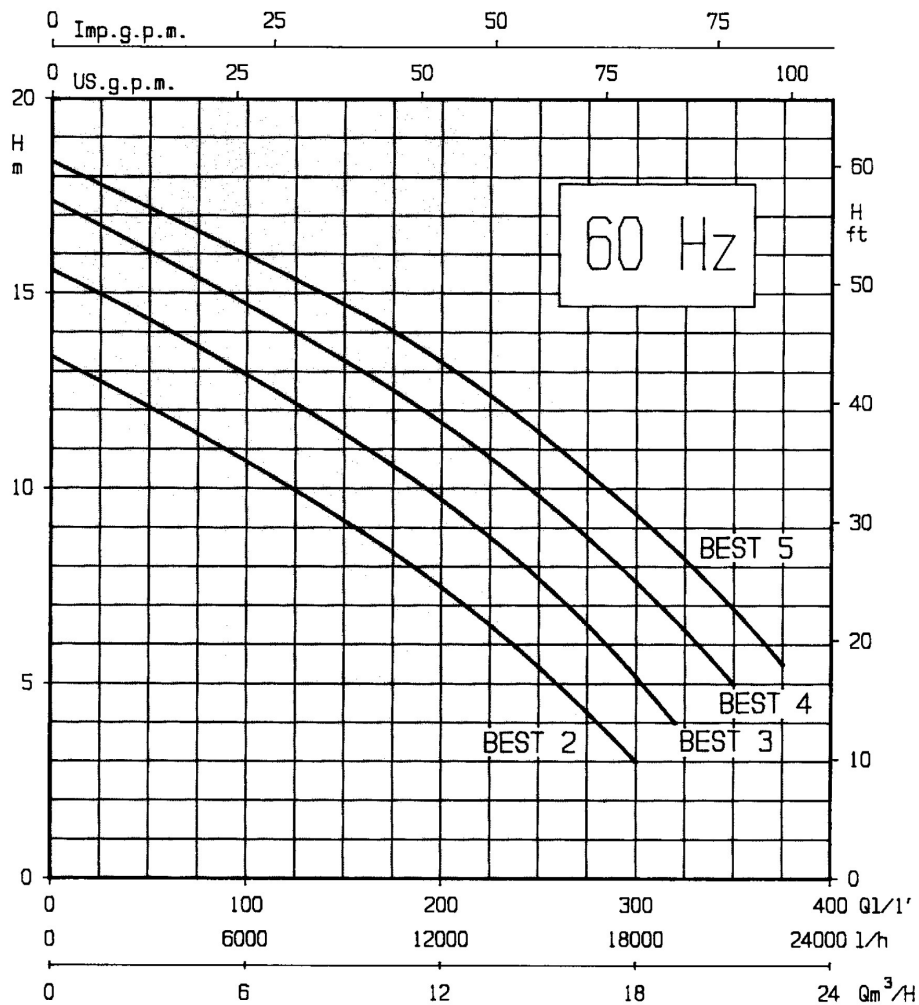


### DIMENSIONAL TABLE

Pump type	Dimensions [mm]					Weight [Kg]
	A	B	H	LMS	DNM	
BEST 2	210	352	315	20	1 <sup>1</sup> / <sub>2</sub>	12
BEST 3	210	352	315	20	1 <sup>1</sup> / <sub>2</sub>	12.7
BEST 4	210	377	340	20	1 <sup>1</sup> / <sub>2</sub>	13.8
BEST 5	210	277	340	20	1 <sup>1</sup> / <sub>2</sub>	13.5

**PERFORMANCE CURVES**

2 Pole


**PERFORMANCE TABLE**

Pump type	INPUT W	Capacitor		Input current [A]	Three phase 220 V/60HZ		Q =Capacity										
		$\mu F$	Vc		Input W	Input Current [A]	l/min.	40	80	120	160	200	240	280	320	350	400
BEST 2	1000	55	250	9	930	3.1	m³/h	2.4	4.8	7.2	9.6	12	14.4	16.8	19.2	21	24
BEST 3	1350	63	250	12.2	1280	4.1	H =Total head [m]	12	11	10	8.5	7	5	3	-	-	-
BEST 4	-	-	-	-	1370	4.7		14.5	13.5	12.2	11	9.2	7.5	5.4	3	-	-
BEST 5	-	-	-	-	1650	5.5		17.4	16.2	15	13.5	11.8	10	7.8	5.5	3.5	-
								19.2	18.2	17	15.8	14.4	12.8	11	9	7.5	4.5