

TYPE:

BARRACUDA

M

SUBMERSIBLE WASTEWATER TREATMENT PUMP

FIELDS OF APPLICATION:

Submersible pumps designed and engineered for the treatment of wastewater in INDUSTRIAL, domestic, and agricultural sectors. The flow range of these pumps varies from 200 l/min to 10,000 l/min with power ranging from 4 kW to 45 kW. These pumps are mechanically sealed and have the BODY and IMPELLER made of cast iron, while the shaft is made of steel.

TECHNICAL FEATURES

- AXIS:** Vertical AXIS pump with IMPELLER directly connected to the motor shaft with oil bath lubricated bearings.
- BODY:** Made of cast iron, divided into two parts and coated with wear-resistant compound. Replaceable and adjustable anti-abrasive rubber shells for quick maintenance.
- IMPELLER:** Non-clogging open type impeller, consisting of a steel core coated with a special anti-abrasive compound.

STANDARD EQUIPMENT

- Humidity probe
- Temperature probe



SECTORS

MARBLE
GRANITE
AGGREGATES
RECYCLING
INDUSTRIAL

MADE IN ITALY

OPERATING CHARACTERISTICS

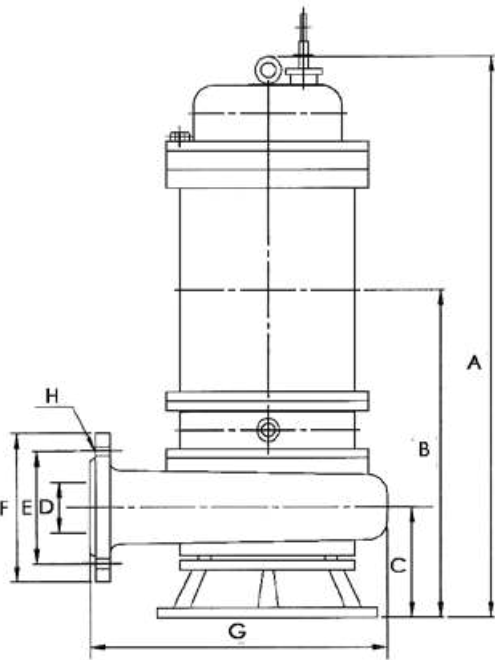
PUMPS	FLOW RATE													SPEED (RPM)	MOTOR* (kW)
	m³/h	12	24	36	48	60	90	120	180	240	300	360	600		
	l/1'	200	400	600	800	1000	1500	2000	3000	4000	5000	6000	10000		
BRC 100 - 4	HEAD (m)	11,7	11.6	11,5	11,3	11	9.5	-	-	-	-	-	-	1450	4
BRC 100 -7.5		22,4	22,6	23	22,7	22,2	21	-	-	-	-	-	-	1425	7,5
BRC 100 -11			30	29,7	29,5	28,6	26	20							
BRC 150 - 15		-	-	17,4	17,4	17,4	17,2	16,8	14,9	-	-	-	-	1455	15
BRC 150 - 18.5				23,3	23,2	23	22,8	22,3	19,7						
BRC 200 - 22		-	-	-	-	19,5	19,2	18,8	18,1	16,7	14,6	12,5	-	1450	22
BRC 200 - 30		-	-	-	-	-	19,4	19,2	18,7	17,8	16,6	15	-	1450	30
BRC 250 - 37		-	-	-	-	-	-	19,1	18,7	18,1	17,5	16,7	11,1	1450	37
BRC 250 - 45		-	-	-	-	-	-	22,2	21,7	21,1	20,6	19,7	15,1	1450	45

*Indicative data; measurements conducted with water; motor sizes may vary when operating with high-density sludges.

DIMENSIONAL

PUMPS	SIZE (mm)							
	A	B	C	D	E	F	G	H
BRC 100 - 4	600	400	130	Ø100	170	210	350	N°4 - Ø18
BRC 100 - 7,5	745	510	170	Ø100	170	Ø210	430	N°4 - Ø18
BRC 100 - 11	920	570	170	Ø100	170	Ø210	480	N°4 - Ø18
BRC 150 - 15	980	660	255	Ø150	225	Ø265	590	N°8 - Ø18
BRC 150 - 18.5	1090	700	255	Ø150	225	Ø265	590	N°4 - Ø18
BRC 200 - 22	1230	830	290	Ø200	280	Ø320	580	N°8 - Ø18
BRC200 - 30	1170	780	290	Ø200	280	Ø320	680	N°8 - Ø18
BRC250 - 37	1420	950	345	Ø250	335	Ø250	780	N°12 - Ø18
BRC250 - 45	1530	1000	345	Ø250	335	Ø375	780	N°12 - Ø18

Indicative dimensions and weights



ALFA POMPE®
ITALIAN PUMPS FOR HEAVY DUTY SOLUTION

DIMENSIONAL DRAWING