

## APPLICATION

Centrifugal single impeller low head water pumps for flow irrigation systems with high flow rates. Suitable to pump clean water or non-aggressive liquids

charged with small solid impurities. To be used in flow irrigation systems in gardening and agriculture and in industrial fittings.

## MATERIALS

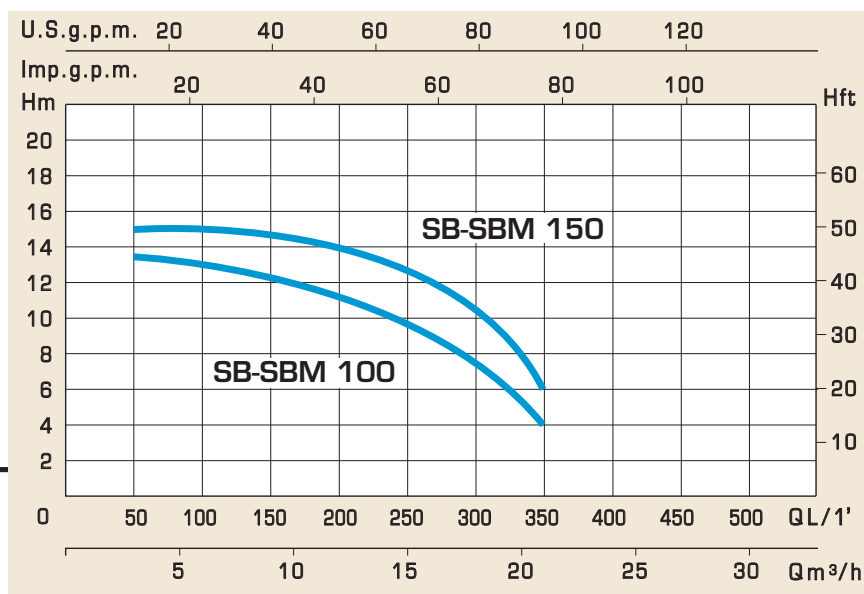
- Pump body Cast Iron
- Motor Support Cast Iron
- Impeller Cast Iron
- Shaft with rotor Stainless Steel
- Mechanical seal Carbon/Ceramic

## OPERATING CONDITIONS

- Max. working pressure 6 bar
- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

## MOTOR

- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 44



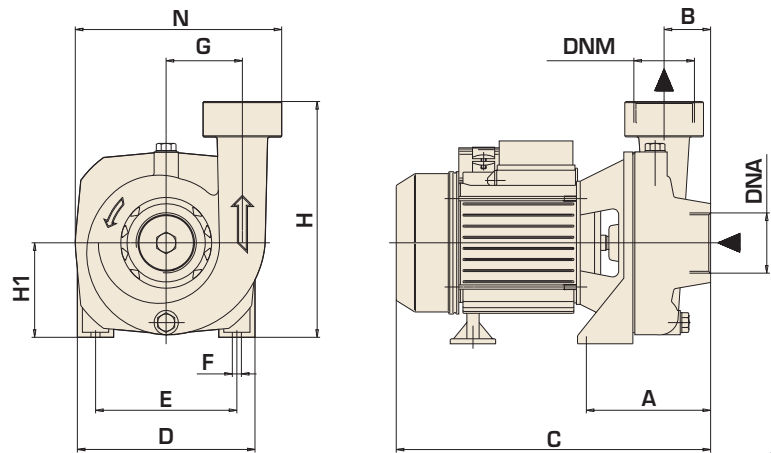
## TECHNICAL DATA

TYPE		NOMINAL POWER P2			INPUT POWER P1	AMPERE		Q = CAPACITY										
Single-phase	Three-phase	HP	KW	KW	Single-phase	Three-phase	m³/h	Total head in meters w.c.										
								3	6	9	12	15	18	21	24	27	30	
230V-50Hz	230/400V-50Hz				1 x 230V	3 x 400V	lt/1'	50	100	150	200	250	300	350	400	450	500	
<b>SBM 100</b>	<b>SB 100</b>	1	0,75	1,1	5,3	2,2	H	13	12,8	12,2	11,5	10	7	4				
<b>SBM 150</b>	<b>SB 150</b>	1,5	1,1	1,8	6,8	3	(m)	15	14,8	14,3	14	13	10,2	6				


# CENTRIFUGAL IRRIGATION PUMPS



# SBM



## DIMENSIONS AND WEIGHTS

TYPE		DIMENSIONS mm											DIMENSIONS mm 			Weight	
Single-phase	Three-phase	A	B	C	D	E	F	G	H	H1	N	DNA	DNM	P	L	H	Kg
<b>SBM 100</b>	<b>SB 100</b>	125	45	310	176	140	9	80	240	94	205	2"	2"	230	355	280	16
<b>SBM 150</b>	<b>SB 150</b>	125	45	310	176	140	9	80	240	94	205	2"	2"	230	355	280	17