

# CENTRIFUGAL IRRIGATION PUMPS



309CBM150

## 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.



## OPERATING CONDITIONS

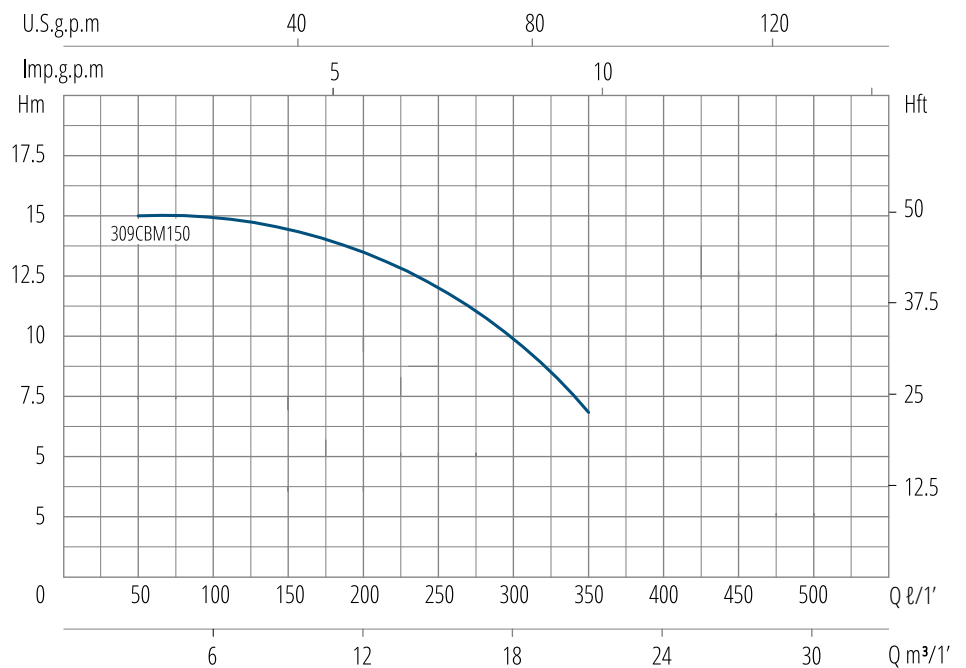
- Liquid temperature up to 90°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 m
- Continuous duty

## MOTOR

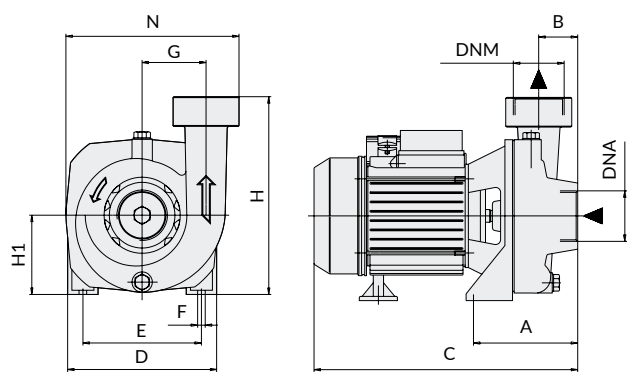
- 2-Pole induction motor (n = 2850 min-1)
- Insulation Class F
- Protection IP44

## MATERIALS

- Pump body - Cast Iron
- Motor support - Cast Iron
- Impeller - Cast Iron
- Shaft with rotor - Stainless Steel AISI 304
- Mechanical seal - Ceramic/Graphite/NBR



TYPE	NOMINAL POWER		INPUT POWER	AMPERE	Q = CAPACITY												
	P2		P1		Single-phase												
230V-50Hz	HP	KW	KW	1 x 230V	m³/h	3	6	9	12	15	18	21	24	27	30		
309CBM150	1,5	1,1	1,8	7,9	l/1'	50	100	150	200	250	300	350	400	450	500		
					Total head in meters w.c.												
					H(m)	15	14,8	14,3	13,8	13	9	6					



TYPE	DIMENSIONS mm												WEIGHT
Single-phase	A	B	C	D	E	F	G	H	H1	N	DNA	DNM	kg
309CBM150	125	45	310	176	140	9	80	240	94	205	2"	2"	17