

CENTRIFUGAL IRRIGATION PUMPS

309CBM150

The logo for Speroni Water Pumps. It features the brand name "SPERONI" in a large, bold, white sans-serif font, enclosed within a thick red horizontal oval border. Below the oval, the words "WATER PUMPS" are written in a smaller, black, all-caps sans-serif font.

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

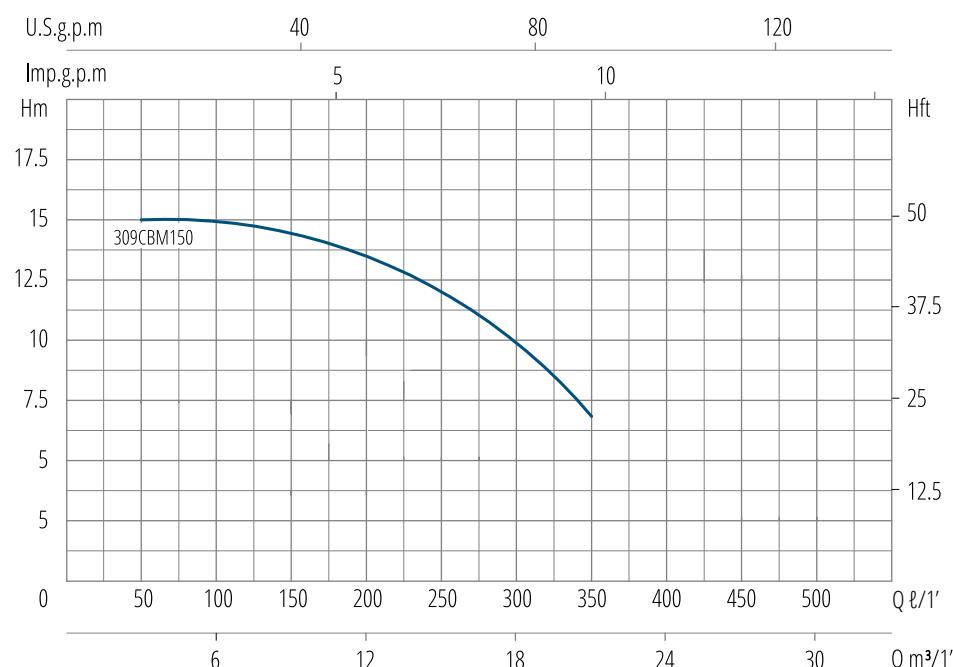
- Liquid temperature up to 90°C
 - Ambient temperature up to 40°C
 - Total suction lift up to 7 m
 - Continuous duty

MOTOR

- 2-Pole induction motor
($n = 2850 \text{ min}^{-1}$)
 - 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										
Single-phase	P2		P1	Single-phase	m ³ /h	3	6	9	12	15	18	21	24	27	30
	HP	kW	kW		ℓ/1'	50	100	150	200	250	300	350	400	450	500
230V-50Hz	1 x 230V Total head in meters w.c.														
309CBM150	1,5	1,1	1,8	7,9	H(m)	15	14,8	14,3	13,8	13	9	6			

