

MONOBLOCK CENTRIFUGAL PUMPS

309CS50-20A • 309CS50-20B • 309CS50-25C



APPLICATION

Centrifugal, monoblock and single-impeller electrical pumps with pump body, with connection to the motor by means of a support unit. With flanged inlet and delivery openings (PN 10) and threaded counter-flanges. These machines are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids. They are adapted for civil, agricultural, industrial or general plant uses. Water supply, spray or flowing irrigation, autoclave feed, high pressure system, heating, conditioning and any other general service requiring transfer of clean liquids.



OPERATING CONDITIONS

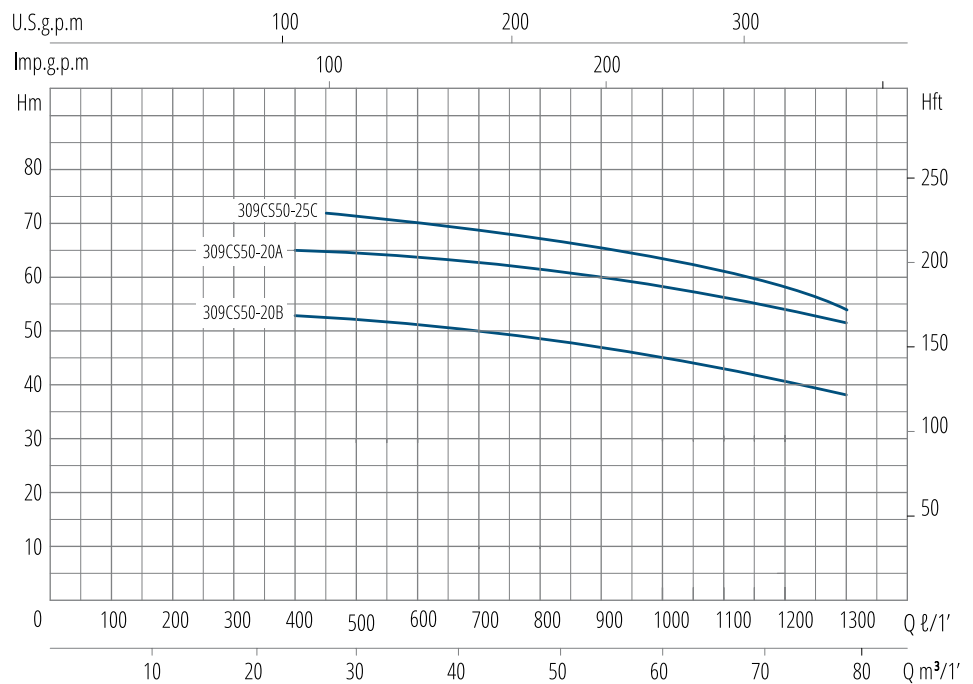
- Liquid temperature up to 90°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 m
- Continuous duty

MOTOR

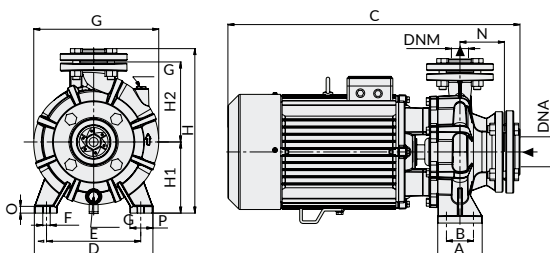
- 2-Pole induction motor (n = 2850 min-1)
- Insulation Class F
- Protection IP55

MATERIALS

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



TYPE	NOMINAL POWER		INPUT POWER	Q = CAPACITY														
	HP	kW	kW	m³/h	21	24	27	30	33	36	39	42	48	54	60	66	72	78
Three-phase				l/1'	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300
230/400V-50Hz				Total head in meters w.c.														
309CS50-20B	15	11	13,5	H (m)		52,7	52,5	52,2	51,7	51,2	50,7	50,2	49,2	48	46	43,5	41	38
309CS50-20A	20	15	18		64,5	64	63,5	63	62,5	62	61,5	60,5	59,5	58	56,5	54,5	51,5	
309CS50-25C	20	15	20				71,3	71	70,5	70	69,5	68,5	67	65	63	61	58	54



TYPE	DIMENSIONS mm															WEIGHT
Three-phase	A	B	C	D	E	F	G	H	H1	H2	N	O	P	DNA	DNM	kg
309CS50-20B	100	70	745	265	212	15	335	425	160	200	100	18	50	65	50	89
309CS50-20A	100	70	745	265	212	15	335	425	160	200	100	18	50	65	50	122
309CS50-25C	125	95	750	320	250	15	340	435	180	225	100	18	65	65	50	125