

MONOBLOCK CENTRIFUGAL PUMPS



309CS40-16A • 309CS40-20A • 309CS40-20B • 309CS40-25B

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

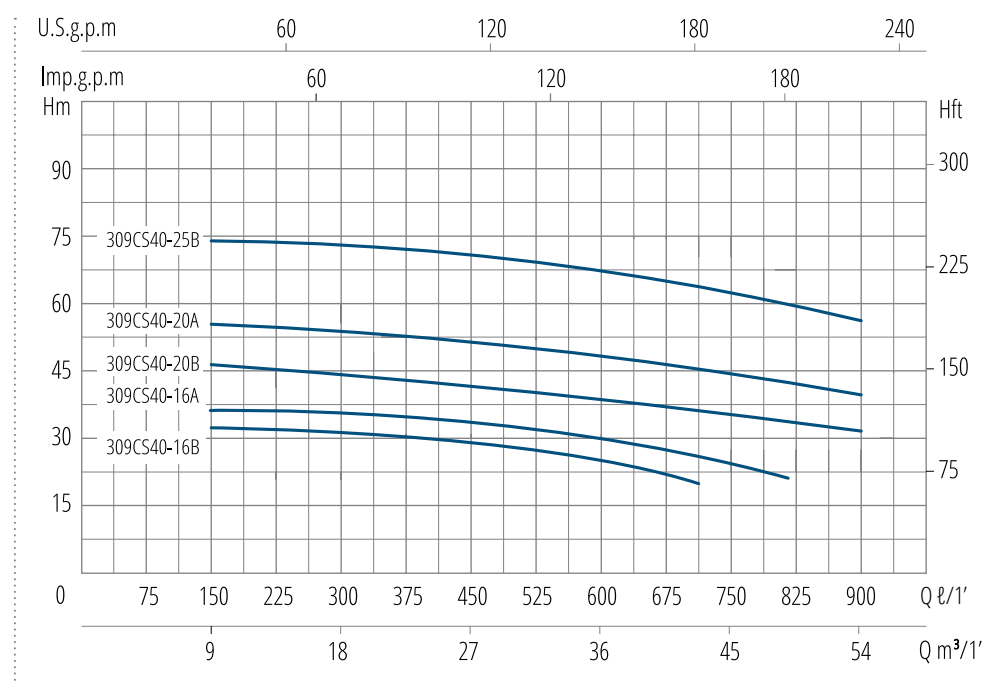
- Liquid temperature up to 90°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 m
- Continuous duty

MOTOR

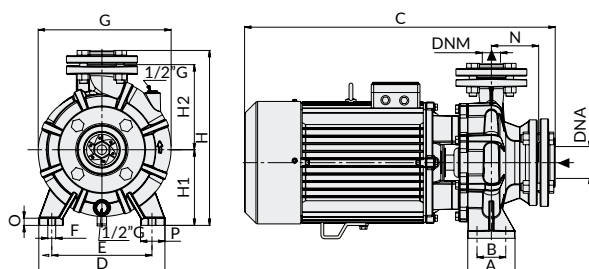
- 2-Pole induction motor
(n = 2850 min-1)
- Insulation Class F
- Protection IP55

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													
	P2		P1	m³/h	9	12	15	18	21	24	27	30	33	36	39	42	48
Three-phase	HP	kW	kW		150	200	250	300	350	400	450	500	550	600	650	700	800
230/400V-50Hz				l/1'	Total head in meters w.c.												
309CS40-16A	5,5	4	5,7	H (m)	36,2	36	35,8	35,5	35	34	33	32	31	29,5	28	26	22
309CS40-20B	7,5	5,5	8,6		46,5	46	45,5	45	44,5	43,5	42,5	41,5	40,5	39,5	38,5	37	34,5
309CS40-20A	10	7,5	11,3		56	55,5	55	54,5	54	53	52	51	50	49	48	46,5	44
309CS40-25B	15	11	15,5		74	73,9	73,8	73,7	73,5	73	72	71	70	68,5	67	65,5	61,5



TYPE	DIMENSIONS mm															WEIGHT
	A	B	C	D	E	F	G	H	H1	H2	N	O	P	DNA	DNM	
Three-phase																kg
309CS40-16A	100	70	550	240	190	15	240	322	132	160	80	15	50	65	40	50
309CS40-20B	100	70	640	265	212	15	281	370	160	180	100	15	50	65	40	65
309CS40-20A	100	70	640	265	212	15	281	370	160	180	100	15	50	65	40	71
309CS40-25B	125	95	745	320	250	15	335	435	180	225	100	18	65	65	40	91