

MONOBLOCK CENTRIFUGAL PUMPS



309CS32-16A • 309CS32-16B • 309CS32-16C
309CS32-20A • 309CS32-20B • 309CS32-20C

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

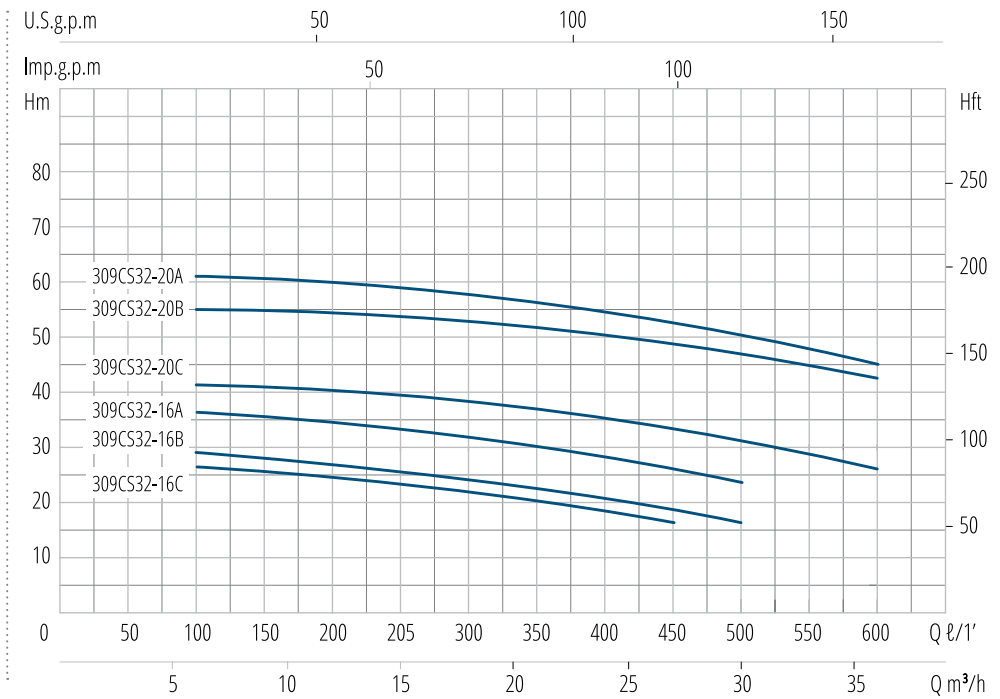
- Liquid temperature up to 90°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 m
- Continuous duty

MOTOR

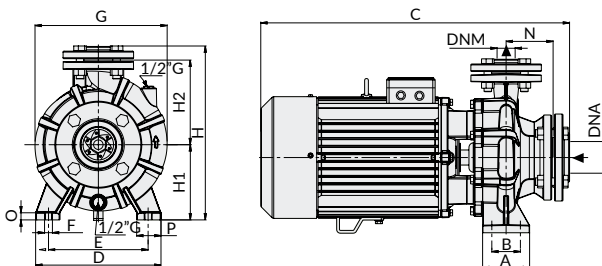
- 2-Pole induction motor (n = 2850 min-1)
- Insulation Class F
- Protection IP55

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		P1	Total head in meters w.c.											
Three-phase				m³/h	6	7,5	9	12	15	18	21	24	27	30	33	36
				l/1'	100	125	150	200	250	300	350	400	450	500	550	600
230/400V-50Hz				H (m)	25,5	25,3	25	24	23	21,5	20	18	15,5			
309CS32-16C	2	1,5	2,7		28,8	28,5	28	27	26	24,5	23	21,5	18,5	15,5		
309CS32-16B	3	2,2	3,3		36,5	36	35,5	34,5	33	31,5	30	28,5	26	23,5		
309CS32-16A	4	3	4,3		40,7	40,5	40	39,5	39	38	36,5	35	33	31,5	29	26
309CS32-20C	5,5	4	5,7		55,7	55,5	55	54,5	54	53	51,5	50	48	46,5	44,5	42,5
309CS32-20B	7,5	5,5	8,6		60,7	60,5	60	59,5	58,5	57	55,5	54	52	49,5	47,5	45
309CS32-20A	10	7,5	9,5													



TYPE	DIMENSIONS mm														WEIGHT	
Three-phase	A	B	C	D	E	F	G	H	H1	H2	N	O	P	DNA	DNM	kg
309CS32-16C	100	70	480	240	190	15	240	322	132	160	80	13,5	50	50	32	36
309CS32-16B	100	70	480	240	190	15	240	322	132	160	80	13,5	50	50	32	39
309CS32-16A	100	70	510	240	190	15	240	322	132	160	80	13,5	50	50	32	42
309CS32-20C	100	70	530	240	190	15	273	370	160	180	80	15	50	50	32	52
309CS32-20B	100	70	630	240	190	15	273	370	160	180	80	15	50	50	32	63
309CS32-20A	100	70	630	240	190	15	273	370	160	180	80	15	50	50	32	69