

MONOBLOCK CENTRIFUGAL PUMPS



309CS65-16E • 309CS65-200A • 309CS65-200B
309CS65-200C • 309CS65-250B

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

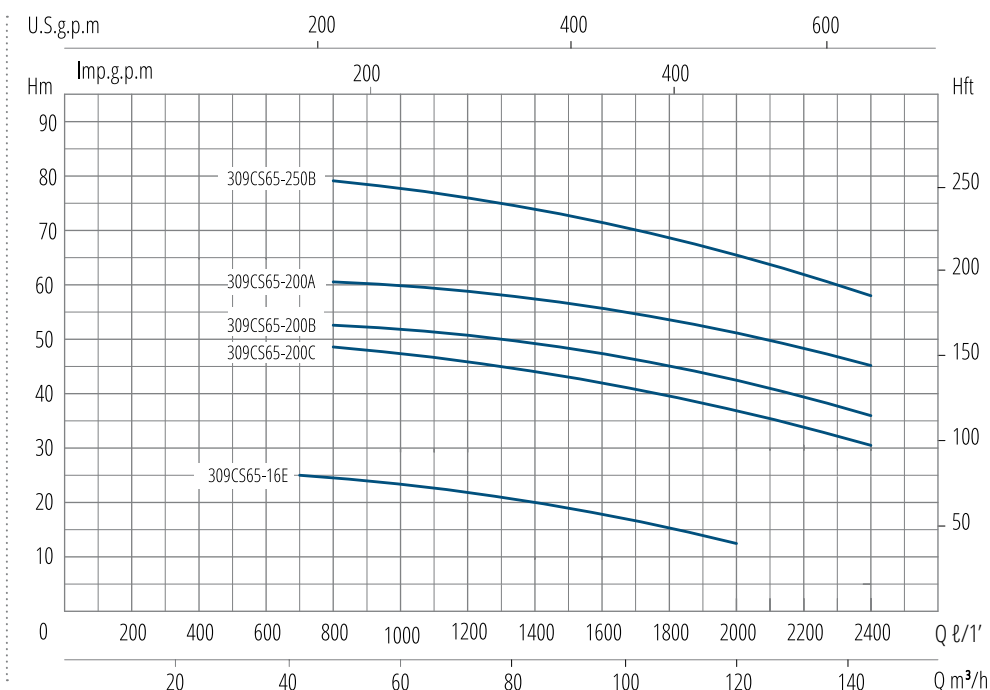
- Liquid temperature up to 90°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 m
- Continuous duty

MOTOR

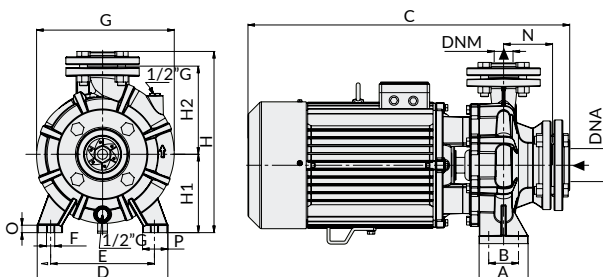
- 2-Pole induction motor
(n = 2850 min-1)
- Insulation Class F
- Protection IP55

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	m ³ /h	42	48	54	60	66	72	78	84	96	108	120	132	144	156
Three-phase	HP	kW	kW	ℓ/1'	700	800	900	1000	1100	1200	1300	1400	1600	1800	2000	2200	2400	2600
230/400V-50Hz				Total head in meters w.c.														
309CS65-16E	7,5	5,5	8	H (m)	24,5	24,2	24	23,5	23	22,5	21,5	20,5	18,5	16	12,5			
309CS65-200C	20	15	20			48,5	48	47,5	47	46,2	45,5	44,5	42,5	40,5	38	34,5	31	
309CS65-200B	25	18,5	23			52,5	52	51,5	51	50,5	50	49	47	45	43	40	36	
309CS65-200A	30	22,5	27			60,5	60	59,5	59	58,5	58	57,5	56	54,5	52,5	49,5	45,5	
309CS65-250B	40	30	37			79	78,5	78	77	76	75	74	72	69	66	63	58	



TYPE	DIMENSIONS mm															WEIGHT	
Three-phase	A	B	C	D	E	F	G	H	H1	H2	N	O	P	DNA	DNM	kg	
309CS65-16E	125	95	610	280	212	15	295	395	160	200	100	18	65	80	65	70	
309CS65-200C	125	95	745	320	250	15	335	445	180	225	100	18	65	80	65	122	
309CS65-200B	125	95	790	320	250	15	335	445	180	225	100	18	65	80	65	138	
309CS65-200A	125	95	825	320	250	15	360	455	180	225	100	18	65	80	65	148	
309CS65-250B	160	120	825	360	280	18	370	485	200	250	100	18	85	80	65	235	