

CENTRIFUGAL MONOBLOCK PUMPS (DIN STANDARD)

CM SERIES



Specification

Power	3 & 40 HP
Speed	2900 rpm
Version	3Ph 380V-415V,50Hz
Degree of Protection	IP 54
Class Of Insulation	F / B
Type Of Duty	S1 (Continuous)
Head Range	10 to 95m
Flow Range	150 to 4100lpm

Operating Conditions

Suction lift	7m
Max. Liquid Temp.	110°C
Max.Ambient Temp.	40°C

Materials of Construction

Pump Casing	Cast Iron
Motor Body	Aluminium / Cast Iron
Impeller	Cast Iron / Bronze
Shaft	SS 420
Mechanical seal	Carbon Ceramic
Bearing	Double Shielded Ball Bearing

Applications

Industrial Water Supply
Food Process Industem
Pressure Booster System
Water Treatment Plants

Performance Table

Model	HP	kW		Discharge in lpm									
				150	200	250	300	350	400	450	500	550	600
CM-32/160B	3	2.2	Head in Meter	26	25	24	22	21					
CM-32/160A	4	3		32	31	30	29	27	25				
CM-32/160	5.5	4		40	39	38	37	34	33				
CM-32/200B	7.5	5.5		42	41	40	39	38	36				
CM-32/200A	10	7.5		49	49	48	47	46	44	42			
CM-32/200	15	11		60	60	59	58	58	56	55	54		
CM-32/250B	10	7.5		65	65	65	63	60	58	56			
CM-32/250A	15	11		78	77	77	75	73	68	64	58		
CM-32/250	20	15		94	94	93	93	93	91	88	85	82	80

Pump Size : 65 x 40

Model	HP	kW		Discharge in lpm													
				200	250	300	350	400	450	500	550	600	650	700	800	900	1000
CM-40/160C	4	3	Head in Meter	22	21	21	21	21	20	20	20	19	18	18			
CM-40/160B	5.5	4		28	27	27	26	26	26	25	25	24	23	23	21		
CM-40/160A	7.5	5.5		36	36	36	35	35	34	34	34	32	32	32	30	28	
CM-40/160	10	7.5		44	44	44	43	43	43	42	42	42	41	40	38	36	
CM-40/200B	10	7.5		44	43	43	42	42	41	41	40	40	37				
CM-40/200	20	15		61	60	60	60	60	60	59	59	58	57	57	54		
CM-40/250C	15	11		60	59	58	57	56	55	54	53	50	47	42			
CM-40/250B	20	15		75	74	74	73	72	71	70	68	66	65	61	55		
CM-40/250A	25	18.5		84	84	83	83	82	80	79	77	76	75	72	66		
CM-40/250	30	22		92	91	91	90	90	89	89	88	87	86	82	77	71	

CENTRIFUGAL MONOBLOCK PUMPS

PUMP SIZE : 65 x 50

Model	HP	kW		Discharge in lpm														
				400	450	500	550	600	650	700	800	900	1000	1100	1200	1300	1400	1600
CM-50/125B	5.5	4	Head in Meter	19.1	19	18.8	18.7	18.5	18.2	18	17.3	17	16.4	15.7	15			
CM-50/125	10	7.5		25.9	25.8	25.5	25.4	25.2	25.1	25	24.5	24	23.6	23.2	22.8	22	20.6	
CM-50/160B	7.5	5.5			25	24.2	24	23.8	23.5	23	22	21	20.5	19.5	18.5	17		
CM-50/160A	10	7.5			33.5	33	32.8	32.3	32	31.5	30.5	29.5	28.5	27.5	26.5	25	23.5	
CM-50/160	15	11			43.8	43.5	43	42.5	42.2	42	41.5	41	40	39	38.2	37	36	33.5
CM-50/200C	15	11				47	46.5	46	45.5	45	44	43	42	40.5	38	35		
CM-50/200B	20	15				55.5	55.4	55.2	55	54.5	.54	53	52	50.5	48.5	46	44	
CM-50/200A	25	18.5				61	60.7	60.5	60.3	60	59	58	57	56.5	55	52.5	51	
CM-50/200	30	22				67	66.8	66.5	66	65.8	65.5	65	64.5	63.5	62	58	57	53
CM-50/250B	25	18.5				65.5	65	64.5	64	62	60	58	56.5	53	47			
CM-50/250A	30	22				79	78.5	78	77.5	75	74	72.5	71	67	63	60		
CM-50/250	40	30						95	94.5	94	93.5	92	90	88	86.5	85	80	74

PUMP SIZE : 80 x 65 / 80 x 80

Model	HP	kW		Discharge in lpm														
				600	650	700	800	900	1000	1100	1200	1300	1400	1600	1800	2000	2200	2400
CM-65/125C	5.5	4	Head in Meter			14	13.8	13.5	13.2	13	12.5	12	11.8	10	10			
CM-65/125B	7.5	5.5				17.2	17	16.8	16.5	16.2	16	15.5	15	14	14			
CM-65/125A	10	7.5				21	20.8	20.5	20.2	20	19.5	19	18.6	18	16.5			
CM-65/125	15	11				25.4	24	24.8	24.6	24.5	24.2	24	23.5	23	21.8	20.5		
CM-65/160B	10	7.5				24.5	24	23.5	23	22.5	22	21	20.5	19	19			
CM-65/160A	15	11				33.5	33	32.8	32.5	32	31	30.5	30	29	29	25		
CM-65/160	20	15				41.5	41	40.5	40.2	40	39.5	39	38.5	37	37	34	32	
CM-65/200AC	20	15			44	43.8	43.5	43	42.5	42.2	42	41	40	39	37	37		
CM-65/200B	25	18.5			52.5	52.2	52	51.8	51.5	51	50.5	50	49	48.5	47	47	41	
CM-65/200A	30	22			57	56.7	56.5	56.4	56.2	56	55.5	55	54.2	54	52	52	48	45
CM-65/200	40	30			67.3	67	66.5	66.4	66.2	66	65.5	65	64.5	64	63	63	59	57

PUMP SIZE : 100 x 80

Model	HP	kW		Discharge in lpm							
				900	1200	1600	1810	2400	3250	3600	4100
CM-80/160C	20	15	Head in Meter	27	26.5	25.4	24.5	23	19		
CM-80/160B	25	18.5		32.5	32	31	30.5	29	25	23	
CM-80/160A	30	22		36	35.5	35	34	32.5	28.5	27	24
CM-80/160	40	30		40	39.5	39	38	37	33	31	28