

CENTRIFUGAL MONOBLOCK PUMPS (DIN STANDARD)



CMS SERIES

Specification

Power	1.5 & 25 HP
Speed	2900 rpm
Version	3Ph 380V-415V,50Hz
Degree of Protection	IP 55
Class Of Insulation	F / B
Type Of Duty	S1 (Continuous)
Head Range	8 to 73m
Flow Range	50 to 3320lpm

Operating Conditions

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

Applications

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

Materials of Construction

Pump Casing	SS 304 / Ss316
Motor Body	Aluminium / Cast Iron
Impeller	SS 304 / SS316
Shaft	SS 304
Mechanical seal	Carbon Ceramic
Bearing	Double Shielded Ball Bearing

Performance Table

Pump Size : 50 x 32

Model	HP	kW		Discharge in lpm						
				50	100	150	200	250	300	360
CMS-32/160B	1.5	1.1	Head in Meter	21	20	18.5	16.5	15	12.5	8
CMS-32/160A	2	1.5		26	24.5	22.5	20	18.5	15	9.5
CMS-32/160	3	2.2		30.5	29.5	27.5	26	24	22.5	18
CMS-32/200B	4	3		38	37	35	34	32	30	26
CMS-32/200A	5.5	4		51.5	50	48	45	43	41	30
CMS-32/200	7.5	5.5		62	60	58	54	52	47	37

Pump Size : 65 x 40

Model	HP	kW		Discharge in lpm							
				80	160	250	330	420	500	580	660
CMS-40/125B	2	1.5	Head in Meter	20	19	17.5	16	13	10.5		
CMS-40/125A	3	2.2		27	26	24	22	20	17	14	
CMS-40/125	4	3		31	30	29	27	25	22	18	
CMS-40/160	5.5	4		39	38	36.5	34	31	28	24	19
CMS-40/200B	7.5	5.5		47	46	45.5	44	41	38	34	30
CMS-40/200A	10	7.5		52	51.5	51	50	48	45	42	38
CMS-40/200	15	11		69	69	68.5	68	68	66	64	60

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CMS SERIE

PUMP SIZE : 65 x 50

Model	HP	kW		Discharge in lpm							
				80	160	330	500	660	830	1000	1160
CMS-50/125A	4	3	Head in Meter	27	26	23	20	16	10		
CMS-50/125	5.5	4		28	27	26	24	21	16		
CMS-50/160	7.5	5.5		34.5	34.5	34	31.5	28.5	24	20	
CMS-50/200D	10	7.5		41	41	40.5	39	39	32	27.5	
CMS-50/200C	12.5	9.2		52	52	51	49	45	41	37	
CMS-50/200B	15	11		57	56	55	53	51	48	42	30
CMS-50/200A	20	15		69	68	67	65	64	62	57	50
CMS-50/200	25	18.5		73	72	71	70	69	68	65	59

PUMP SIZE : 80 x 65

Model	HP	kW		Discharge in lpm									
				664	830	996	1162	1328	1494	1660	1826	1992	2158
CM-65/125C	5.5	4	Head in Meter	19	18	17	15	13	11	9			
CM-65/125B	7.5	5.5		22	21	20	19	18	17	15	13	10	
CM-65/125A	10	7.5		27	26	25	24	23	22	20	18	15	
CM-65/125	12.5	9.3		30	29	29	28	27	26	25	23	22	16
CM-65/160A	15	11		36	35	34	33	32	31	29	27	25	22
CM-65/160	20	15		44	43	42	40	39	38	37	36	34	32
CM-65/200B	25	18.5		53	52	51	50	49	48	47	45	44	41
CM-65/200A	30	22		60	59	58	57	56	55	54	53	51	49
CM-65/200	40	30		72	72	71	70	69	68	67	66	65	63

PUMP SIZE : 100 x 80

Model	HP	kW		Discharge in lpm								
				996	1328	1660	1992	2324	2656	2988	3154	3320
CM-80/160C	15	11	Head in Meter	26	25	2	22	20	17	14	11	
CM-80/160A	20	15		35	33	31	29	27	24	21	20	18
CM-80/160	25	18.5		38	37	36	35	33	30	27	25	22
CM-80/200B	30	22		46	44	42	40	38	35	31	29	26
CM-80/200A	40	30		57	56	55	53	50	47	44	42	39
CM-80/200	50	37		66	65	63	61	59	56	53	51	48