

STAINLESS STEEL MONOBLOCK PUMPS



Specification

Power	0.5 to 4 HP
Speed	2900 rpm
Version	1Ph 230V, 50Hz (PSC) Inbuilt with T.O.P. 3Ph 380-415V, 50Hz
Duty	S1 (Continuous)
Protection	IP 55 / IP 54
Insulation Class	F / B
Head range	10 to 69m
Flow range	12 to 180lpm

Materials of Construction

Pump Casing	SS 304
Motor Body	Aluminium
Impeller	SS 304
Shaft	SS 304 + Carbon Steel
Mechanical Seal	Carbon Ceramic

Operating Conditions

Suction Lift	7m (Max)
Max. Liquid Temp.	+5°C ~ +120°C
Max. Ambient Temp.	50°C

Applications

- Residential
- Pressure Boosting Units
- Industrial Water Supply
- Food Processing Industries
- Washing Systems

Performance Table

Model	HP	kW	Pump Size (mm)	Discharge in lpm	Head in meter													
					10	12.5	15	17.5	20	22.5	25	27.5	30	32.5				
CMS-5/03	0.5	0.37	32 x 25	Discharge in lpm	108	75	33											
CMS-6/05	0.75	0.55	32 x 25			100	66	25										
CMS-8/07	1	0.75	32 x 25				116	83	50									
CMS-7/10	1.3	1	32 x 25				136	120	101	83	53							
CMS-8/11	1.5	1.1	32 x 25						150	108	66							
CMS-8/15	2	1.5	32 x 25						166	133	100	58						
CMS-8/18	2.5	1.8	32 x 25						149	133	113	83	50					
CMS-10/18	2.5	1.8	40 x 32						174	133	83							

* Model name ends with S-1Ph & T-3Ph

Model	HP	kW	Pump Size (mm)	Discharge in lpm	Head in meter														
					30	33	36	39	42	45	48	51	54	57	60	63	66	69	
CMST-4/07	1	0.75	32 X 25	Discharge in lpm	62	45	30	12											
CMST-4/11	1.5	1.1	32 X 25						65	52	38	27							
CMST-4/15	2	1.5	32 X 25							65	55	45	40	20					
CMST-7/11	1.5	1.1	32 X 25			130	115	88											
CMST-7/15	2	1.5	32 X 25						110	90	60	40							
CMST-7/22	3	2.2	32 X 25							125	100	85	40						
CMST-7/30	4	3	32 X 25											110	90	80	48		
CMST-12/22	3	2.2	40 X 25							150	120	60							
CMST-12/30	4	3	40 X 25									160	120	90	60				
CMST-12/37	5	3.7	40 X 25										180	165	120	90			

* Model name ends with S-1Ph & T-3Ph

CENTRIFUGAL MONOBLOCK PUMPS



(DIN Standard)



Specification

	CM SERIES	CMS SERIES
Power	3 to 40 HP	1.5 to 25 HP
Speed	2900rpm	2900rpm
Version	3Ph 380V-415V, 50Hz	
Degree of protection	IP 55	IP 55
Class of insulation	F / B	F / B
Type of Duty	S1 (Continuous)	S1 (Continuous)
Head range	10 to 95m	8 to 73m
Flow range	150 to 4100lpm	50 to 3320lpm

Materials of Construction

	CM SERIES	CMS SERIES
Pump Casing	Cast Iron	SS 304 / SS316
Motor Body	Aluminium / Cast Iron	Aluminium / Cast Iron
Impeller	Cast Iron / Bronze	SS 304 / SS316
Shaft	SS 420	SS 304
Mechanical Seal	Carbon Ceramic	Carbon Ceramic

Operating Conditions

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

Applications

- Industrial Water Supply
- Food Process Industry
- Pressure Booster System
- Water treatment plants

PUMP SIZE : 50 x 32

Model	HP	kW	Discharge in lpm	Head in Meter												
				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	92	91	88	85	82	80			

PUMP SIZE : 65 x 40

Model	HP	kW	Discharge in lpm	Head in Meter														
				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	Head in Meter	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	Head in Meter	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-65/200C	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	53

PUMP SIZE : 100 x 80

Model	HP	kW	Head in Meter	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	

SS CENTRIFUGAL MONOBLOCK PUMPS



PUMP SIZE : 50 x 32

Model	HP	kW	Head in Meter	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	Head in Meter	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	

PUMP SIZE : 65 x 50

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

PUMP SIZE : 100 x 80

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