CM/CXA Standardized Centrifugal Pump

Operating Limits:

- Max. operating pressure: 12 bar
- Head up to 95m
- Liquid temperature up to +105℃
- Max. ambient temperature: 40℃
- Max. altitude: 1000m

Motor:

- Three phase induction motor
- Insulation Class B
- Protection IPX4
- Continuous duty
- Standard voltage:

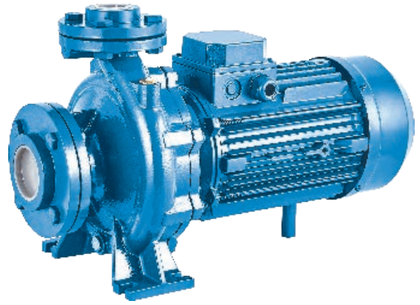
Three-phase: 220/380-50Hz up to 3KW(4HP)
380/660V-50Hz from 4KW(5.5HP)
to 37KW(50HP)

Material:

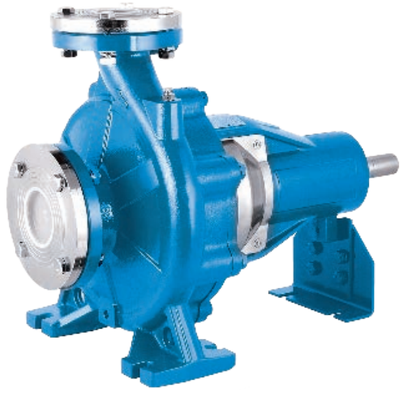
- Pump body: Cast Iron/ Stainless Steel
- Impeller: Cast Iron
- Motor Shaft: Stainless Steel
- Mechanical seal: SiC/Graphite
- Motor housing: Cast Iron

Application:

- Circulation and transfer of clean, chemical non-aggressive water and other liquids
- Water supply & irrigation
- Water circulation in air conditioning systems



CM



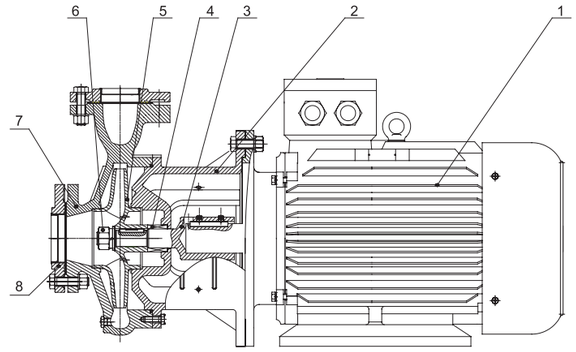
CXA

CM/CXA Standardized Centrifugal Pump

Application:

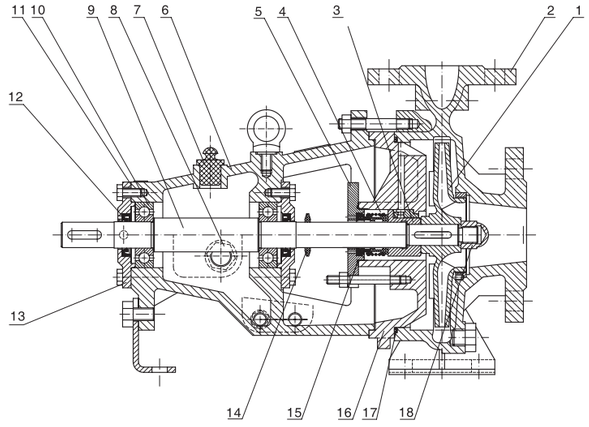
- Single-impeller centrifugal pump featuring axial intake and radial discharge
- Inlet and outlet DN in compliance with EN 733 (ex DIN 24255) and UNI 7467
- Flanges in compliance with UNI 2236 and DIN 2532
- Rear entry (impeller, control valve and motor can be extracted without disconnecting the pump body from the pipes.)

Material CM:



NO.	NAME	MATERIAL
1	Motor	
2	Support	HT 200
3	Pump Shaft	Steel/AISI 304
4	Mechanical Seal	Carbon/Silicon carbide
5	Impeller	HT 200/Stainless Steel
6	Nut	AISI 304
7	Pump Body	HT 200
8	Flange	HT 200

Material CXA:



NO.	NAME	MATERIAL
1	Impeller	Cast iron
2	Pump body	Cast iron
3	Padding seal cover	HT200
4	Mechanical seal	SIC/Graphite
5	Seal cover	HT200
6	Support	HT200
7	Oil plug	Plastic
8	Oil level mirror	Plastic
9	Shaft	Stainless steel
10	Bearing	
11	Gasket	
12	Skeleton oil seal	
13	Back cover	HT200
14	Slinger	Plastic
15	O-ring	NBR
16	Pump cover	HT200
17	O-ring	NBR
18	Impeller nut	Carbon steel

Performance Table:

MODEL	POWER KW	POWER HP	US GPM	0	26	40	66	79	106	119	132	159	185	198	211	220	238	264	317	370	396	423
			L/min	0	100	150	250	300	400	450	500	600	700	750	800	833	900	1000	1200	1400	1500	1600
			m^3/h	0	6	9	15	18	24	27	30	36	42	45	48	50	54	60	72	84	90	96
CM32.125.07	0.8	1	H(m)	17.5	16.7	15	12	9														
CM32.125.11	1.1	1.5		22	21	19.7	16.5	14.9	9													
CM32.160.15	1.5	2		25.4	23.7	22.5	18.5	15.8														
CM32.160.22	2.2	3		31	29.6	28.5	24.5	22	15													
CM32.160.30	3	4		35	34.3	34	28	25.5	19	15												
CM32.200.30	3	4		44.2	43	39.8	35.2	32.2	24.6	19.8												
CM32.200.40	4	5.5		54.5	52	50	45.5	41.9	35	30.3												
CM32.250.55.A	5.5	7.5		60	59.5	59	55	51	34.5													
CM32.250.75.A	7.5	10		69.5	69	68.5	66	63	53													
CM32.250.110	11	15		90	89.5	89	82	79	66													
CM32.250.55.B	5.5	7.5		79.5	74.7	71.8	63	56	37.5													
CM32.250.75.B	7.5	10		95	93	91	83	76	57.8													
CM40.125.11	1.1	1.5		14.7				13.5	11.5	10.1		5.8										
CM40.125.15	1.5	2		18.1				17	15	13.9		9.6	6									
CM40.125.22	2.2	3		24.5				23.2	21.5	20.2		16	13		8.3							
CM40.160.30	3	4		31.8				29.5	27.5	26.3		21.5	17.5									
CM40.160.40	4	5.5		38				36	34	33		28.5	25		20.1							
CM40.200.55	5.5	7.5		46				43.8	41.3	40.1		35	30									
CM40.200.75	7.5	10		57				53.6	51.5	50		45	41		36.5							
CM40.250.92	9.2	12.5		64				59	56.5	55		49.5	45		39.8							
CM40.250.110	11	15		72				67.5	66	63.5		57.5	52.2		47							
CM40.250.150	15	20		84.5				80	77.3	75.2		71	65		61							
CM50.125.22	2.2	3		17								15.4	14		12.8		11.5		6.5			
CM50.125.30	3	4		20								18.8	18		17		15.6		11			
CM50.125.40	4	5.5		24								23.1	23		21.5		20.3		15.8	11.8		
CM50.160.55	5.5	7.5		32								30.6	30		28		26.6		20.5	14.8		
CM50.160.75	7.5	10		40								38	37		36		34.4		29	24	21	
CM50.200.92	9.2	12.5		50.5								46.8	45		43		40.9		32.5	26.7		
CM50.200.110	11	15		57.5								53.5	52		50		47.5		40	34	29	
CM50.200.150	15	20		62								58	56.5		54.5		52		44.5	39	35.5	
CM50.250.150	15	20		68.5								64	63		61.5		59		50	41		
CM50.250.185	19	25		79								75.8	74.8		74		71.5		63.5	55.5	47	
CM50.250.220	22	30		89.5								86	85.3		84		81.5		73.5	65.5	57	
CM65.125.40	4	5.5		19											17.3		16.8		14.5	13	11.8	
CM65.125.55	5.5	7.5		23											21.3		20.9		19	17.5	16.7	
CM65.125.75	7.5	10		27											26		25.6		24.5	23	22.5	
CM65.160.92	9.2	12.5		33													31.5		30	28	27.1	
CM65.160.110	11	15		36													34.5		33	31.5	30.8	
CM65.160.150	15	20		42													41		40	38.5	37.8	
CM65.200.150	15	20		45													45.5		43	41	40.2	
CM65.200.185	19	25		52													52.3		51	49	48.2	
CM65.200.220	22	30		59													59.5		58	56	55	
CM65.250.220	22	30		64.8													64.7		62	60	58.5	
CM65.250.300	30	40		80													79.8		77.5	75.5	74.5	
CM65.250.370	37	50		92													90.5		88.5	87	85	
CM80.125.40	4	5.5		17											16.5		15.9		14.3	13.5	11.6	
CM80.125.55	5.5	7.5		21											20.5		20		19	18	16.5	
CM80.125.75	7.5	10		26											25		25		24.5	23.8	22.5	
CM80.160.110	11	15		27														27			27.3	
CM80.160.150	15	20		32.8														32.6			32.5	
CM80.160.185	19	25		39														38.5			38	
CM80.160.220	22	30		44														43.5			43	
CM80.200.220	22	30		48														47.7			47.5	
CM80.200.300	30	40		60														59.7			59.5	
CM80.250.370	37	50		71.5														70.9			70.5	
CM80.250.450	45	60		88														86.7			86	
CM80.250.550	55	75		94.5														94.5			94.5	
CM100.160.150	15	20		35														33.5			32.5	
CM100.160.185	19	25		38.5														37.5			36.5	
CM100.160.220	22	30		43														41			40	
CM100.200.220	22	30		38.5														36.7			35.7	
CM100.200.300	30	40		44.5														42.5			42	
CM100.200.370	37	50		55														53			51	
CM100.250.450	45	60		65														65			64	
CM100.250.550	55	75		77														76			75.5	
CM100.250.750	75	100		91														91			90.5	

MODEL	441	476	529	608	617	634	661	793	881	925	969	1057	1101	1233	1322	1586	1762	2203	2643	2916	3304	3524	3687	4075
	1667	1800	2000	2300	2333	2400	2500	3000	3333	3500	3666	4000	4166	4666	5000	6000	6666	8333	10000	11033	12500	13333	13950	15417
	100	108	120	138	140	144	150	180	200	210	220	240	250	280	300	360	400	500	600	662	750	800	837	925
CM32.125.07																								
CM32.125.11																								
CM32.160.15																								
CM32.160.22																								
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CM50.250.150																								
CM50.250.185																								
CM50.250.220																								
CM65.125.40																								
CM65.125.55		13.7																						
CM65.125.75		20	18																					
CM65.160.92		24	21.5																					
CM65.160.110		28	25.5																					
CM65.160.150		35	33	29.5																				
CM65.200.150		36.5	34																					
CM65.200.185		44.5	42																					
CM65.200.220		52	49.5	44.5																				
CM65.250.220		53	50																					
CM65.250.300		70	66	58																				
CM65.250.370		80.5	78	68																				
CM80.125.40		10	7.5																					
CM80.125.55		15	12.5	9.5																				
CM80.125.75		21.5	19.5	16.5																				
CM80.160.110			24.5		21.1		16																	
CM80.160.150			30.2		27		22.1	18.5	16.7															
CM80.160.185			36.7		33.6		28.8	25.3	23.5															
CM80.160.220			41.7		38.6		33.8	30.3	28.5															
CM80.200.220			43.5		39.2		32.5	27.2	24.5															
CM80.200.300			57		53.1		47	42.7	40.5															
CM80.250.370			65.5		59.3		51	43.2	38.5															
CM80.250.450			83.6		78.5		70.5	60	51															
CM80.250.550			91.8		87		79.5	72.1	68.3															
CM100.160.150			30		27.8		24.5	21.5	20	18.3	15													
CM100.160.185			34.3		32.2		29	25.7	24	22	18													
CM100.160.220			37.6		35.2		31.5	28.5	27	25.3	22													
CM100.200.220			33.8		31.7		28.5	26.8	26	25	22.9		16.3	13										
CM100.200.300			40.2		38.8		36.7	34.2	33	31.7	29		21.7	18										
CM100.200.370			50.6		49.2		47	45	44	42.8	40.5		32.8	29										
CM100.250.450			63		61		58	56	55	53.3	50		39	33.5										
CM100.250.550			75		73.8		72	71.7	71.5	70.7	69		62.3	59										
CM100.250.750			89.7		88		85.5	84	83.3	81.5	78		71.7	68.5	48									

CM
2900rpm