TRISHUL PUMP

SINCE 1978

TCM

ML
Mechanical/Oil Seal

समृद्ध प्रकृति
Enriching Nature

DIRECT COUPLE CENTRIFUGAL PUMPS

TCM

TRISHUL PUMP

TCM Direct Couple Centrifugal Pump

Applications

- Agriculture
- Building services
- Aquaculture
- Salt water lake
- Water transportation

Benefits

- Most economical design
- Easy in maintenance
- Handy in transportation
- Easy availability of spares
- Non overloading power characteristics

Features

- Single stage impeller end suction pump
- Back pull out design
- Confirms to IS 6595
- Mechanical Seal and/or Oil Seal
- Hydraulic design with high efficiency
- Stable head - flow curves for parallel operation

Operating Limits

- Direct Couple with Engine and/or Motors
- Discharge flange size 50 to 100mm
- Suction flange size 50 to 100mm
- Maximum flow rate 37 l/sec
- Maximum generated head 46 mtr
- Maximum temperature for bearing not to exceed 120°C
- Clean - cold water pump
- Working pressure 3.5 bar (max.)

PERFORMANCE TABLE

MODEL NAME	SIZE (mm)	SPEED (rpm)	PRIME MOVER (kW / H.P.)
TCM 2+H	65 x 50	2600	5.9 / 8
TCM 2+HA	65 x 50	2600	5.9 / 8
TCM 3+	80 x 65	2600	3.7 / 5
TCM 3+A	80 x 65	1500	3.7 / 5
TCM 3+B	80 x 65	2600	3.7 / 5
TCM 3+C	80 x 65	2600	3.7 / 5
TCM 3+D	80 x 65	1800	3.7 / 5
TCM 3+E	80 x 65	2600	3.7 / 5
TCM 3+F	80 x 65	2600	4.8 / 6.5
TCM 3+H	80 x 65	2600	5.9 / 8
TCM 3+N	80 x 65	1800	3.1 / 4
TCM 3A	80 x 80	1500	3.7 / 5
TCM 3B	80 x 80	2600	3.7 / 5
TCM 4A	100 x 100	1500	3.7 / 5
TCM 4B	100 x 100	2600	3.7 / 5
TCM 4C	100 x 100	2200	2.28 / 3.5
TCM 4D	100 x 100	2050	2.6 / 3.5
TCM 4E	100 x 100	2200	3.7 / 5
TCM 4F	100 x 100	2600	4.8 / 6.5
TCM 4G	100 x 100	1800	3.7 / 5
TCM 4H	100 x 100	2200	5.9 / 8

FLOW IN LPS

HEAD IN METERS																									
4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52
		14	13	12.5	12	11	11	10.5	10.5	10	10	10	9.5	9	8.5	8	7	4						
	12	11.25	11	10.7	10.5	10.25	10	9.75	9.5	9.5	9.3	9.1	8.8	8.6	8.4	8.1	7.7	7.5	7	5.5	4			
	21	19.5	18	16	10																			
		22	20.5	18	15	12																		
	21	19	17	15.5	13																			
	15	14.5	14	13.5	13	12.5	12	11.5	10	9														
	20	17.5	15	12	5																			
		21	19	17.5	16	12																		
		24	23	22	20	18	16	12																
		26	24	22	22	20	18	14																
21	20	18	15	12																				
	21	18	15																					
	21.5	20	18.5	16.5	14																			
35	29	21																						
28	26	24.5	23	21	14																			
23	21	18	15																					
25	23	21	18	11																				
25	23.5	21	18	11																				
31	30	29	28	26.5	25	22.5	18	12																
29.5	27	25	21	12																				
37	25	33	32	30	27.5	25	18																	

As on continues Improvement and R&D, Performance data and any information furnished above are subject to change without notice.

CAST AND BLOWER CO. (GUJ.) PVT. LTD.

Trishul Pump
80 Feet Road,
Aji Ind. Estate, Opp. N.S.I.C.,
Rajkot-360 003, Gujarat, INDIA.

+91 281 238 7503
+91 281 238 7525
+91 281 2389200

www.candbc.com
www.trishulpump.com
info@candbc.com