

CENTRIFUGAL MONOBLOCK PUMP



Salient Features :

- Dynamically Balanced Rotor with shaft and impellers
- TEFC, Capacitor Start and run motor
- Built in thermal overload protector (TOP) to protect the motor from burning
- Withstand wide voltage Fluctuations
- Double Shield Ball bearing with life long lubrication
- Sturdy motor design to withstand wide voltage fluctuation

- For various field conditions, pumps available in different voltage bandwidth A) Super low voltage = 100 V to 200V B) Single phase normal = 140 V to 250 V C) Single phase Special Design = 100 V to 300 V D) Special Design = 160 V to 420 V
- High Head Low Discharge, Medium Head Medium Discharge and Low Head High Discharge options
- All Models are available with Three Phase options

Applications :

- Hotels, Hospitals
- Water Supply in irrigation
- Sprinkler irrigation system
- Agriculture use

IS : 9079



CML 6344264

PERFORMANCE TABLE

High Head - Low Discharge Series

Sl.No	Model No.	Motor Power kW / HP	Pipe Size in mm	Mtr	H-Head in Meters / Feet													
					4	6	8	10	12	14	16	18	20	22	24	26	28	30
					Feet	13	20	26	33	40	46	52	59	66	72	79	85	92
01	STC 722	0.75 / 1.0	25x25	Q Discharge in Lpm				100	95	95	95	95	95	80	48			
02	STC 732	0.75 / 1.0	32x25					120	115	110	109	107	103	102	98	90	65	
03	STC 1144	1.1 / 1.5	40x40				260	250	245	240	230	230	220	200	190	120		
04	STC 1554	1.5 / 2.0	50x40					255	255	250	250	240	240	230	230	220	175	110

Medium Head - Medium Discharge Series

Sl.No	Model No.	Motor Power kW / HP	Pipe Size in mm	Mtr	H-Head in Meters / Feet													
					4	6	8	10	12	14	16	18	20	22	24	26	28	30
					Feet	13	20	26	33	40	46	52	59	66	72	79	85	92
05	STC 422 E	0.37 / 0.5	25x25	Q Discharge in Lpm		99	97	96	95	92	68	36						
06	STC 422	0.37 / 0.5	25x25					140	134	120	90	60	35					
07	STC 744	0.75 / 1.0	40x40				260	250	230	220	175	80						
08	STC 1154	1.1 / 1.5	50x40				480	450	440	400	350	280	19 mtr-240					
09	STC 1155	1.1 / 1.5	50x50				530	500	470	410	350	290	19 mtr -230					
10	STC1165	1.1 / 1.5	65x50				550	500	460	400	300	17 mtr-240						
11	STC 1555	1.5 / 2.0	50x50				430	390	350	315	280	240	190	140				
12	STC 1565	1.5 / 2.0	65x50				630	580	550	520	440	360	240					
13	STC 1576	1.5 / 2.0	80x65				630	570	510	420	270							

Low Head - High Discharge Series

Sl.No	Model No.	Motor Power kW / HP	Pipe Size in mm	Mtr	H-Head in Meters / Feet											
					4	5	6	7	8	9	10	11	12	13	14	
					Feet	13	16	20	23	26	30	33	36	40	43	46
14	STC 444	0.37 / 0.5	40x40	Q Discharge in Lpm					300	280	250	240	180	120		
15	STC 755	0.75 / 1.0	50x50						420	400	340	300	270			
16	STC 1577	1.5 / 2.0	80x80				920	870	830	790	740	660	550	450		