



Single Phase



Three Phase

PRODUCT FEATURES



- Easy installation with low operating costs, ensuring user convenience and efficiency.
- Designed for improved efficiency and minimal maintenance, with the pump and motor operating on a common shaft.
- Dynamically balanced rotors and impellers provide smooth, vibration-free performance and extended service life.
- Equipped with deep groove ball bearings, packed with the optimal quantity of special grease for long-lasting and reliable operation.
- Subjected to rigorous quality control at every stage of manufacturing, ensuring consistent performance and high efficiency.
- Operates at low temperatures, with Class A / Class E insulation, ensuring safe and trouble-free performance over time.
- Fitted with Thermal Overload Protector (TOP) for enhanced motor safety and protection.

TECHNICAL DATA



• Power (H.P.)	: Single Phase	0.5 HP 2.0 HP
	: Three Phase	3.0 HP 50 HP
• Versions	: Single Phase	240 volts +6% -15% 50 Hz DUTY S1
	: Three Phase	415 volts +6% -15% 50 Hz DUTY S1
• Speed (N)	: 2880 RPM	
• Discharge Range (LPM)	: Single Phase	20 LPM 650 LPM
	: Three Phase	300 LPM 3300 LPM
• Head Range (Mtrs.)	: Single Phase	5 - 35 Mtrs
	: Three Phase	20 - 70 Mtrs
• Pipe Size (MM)	: Single Phase	32 X 25, 40 X40
	: Three Phase	50 X 40, 65 X 50, 75 X 65, 75 X 75, 100 X 75, 100 x 100
• Suction Lift	: 7 mtrs	

APPLICATIONS



- Irrigation
- Industrial water supply
- Drinking water supply
- Cooling water circulating systems

"TECHNO" BRAND CENTRIFUGAL MONOBLOCK PUMPSETS - SINGLE PHASE

Approximate Performance Chart at 2880 RPM, 220-240 Volts Single Phase, 50Hz, A.C. Supply

MODEL	MOTOR RATING		PIPE SIZE IN MM		ISI	DISCHARGE IN LPM	HEAD IN METER											
	KW	HP	SUC.	DEL.			6	8	10	12	14	16	18	20	24	26		
TMP-52	0.37	0.50	40	40	ISI	DISCHARGE IN LPM	210	170	65 (9M)									
TMP-53	0.37	0.50	50	50	ISI			210										
TMP-11	0.37	0.50	40	40							270	260	195	170	120	96		
TMP-12	0.75	1.00	50	50	ISI				430	410	320	170	0					
TMP-15	1.10	1.50	50	40							355	345	310	290	255	195	155 (24M)	
TMP-16	1.10	1.50	50	50	ISI				475	440	370	240	0					
TMP-21	1.50	2.00	50	50						450	430	395	350	305	235	125	0	
TMP-22	1.50	2.00	65	50	ISI			640	600	550	500	470	390	330	265			
TMP-24	1.50	2.00	75	75	ISI			850	710	610	510	330						
TMP-33S	2.20	3.00	65	50								670	620	550	490	370	0	
TMP-35S	2.20	3.00	65	65								670	620	550	490	370	0	
TMP-36S	2.20	3.00	75	75									570	515	425	275	0	
TMP-37S	2.20	3.00	100	100					1130	1075	995	750	500	0				
TMP-54S	3.70	5.00	100	100					1360	1320	1265	1200	1140	1070	535	0		

MODEL	MOTOR RATING		PIPE SIZE IN MM		ISI	DISCHARGE IN LPM	HEAD IN METER										
	KW	HP	SUC.	DEL.			16	18	20	24	26	30	32	36	42		
TMP-51S	3.70	5.00	65	50		DISCHARGE IN LPM					520	475	430	360	0		
TMP-52S	3.70	5.00	65	65					690	660	620	530	465	0			
TMP-53S	3.70	5.00	75	75			645	620	590	515	480	415	180	0			

MODEL	MOTOR RATING		PIPE SIZE IN MM		ISI	DISCHARGE IN LPM	HEAD IN METER											
	KW	HP	SUC.	DEL.			6	8	10	12	14	16	18	20	24	26		
TMP-11P	0.75	1.00	40	40		DISCHARGE IN LPM					270	260	195	170	120	96		
TMP-12P	0.75	1.00	50	50			590	560	390	240								
TMP-15P	1.10	1.50	50	40						355	345	310	290	255	195	155		
TMP-16P	1.10	1.50	50	50					475	450	375	245						
TMP-20P	1.50	2.00	50	40					320	310	305	290	275	255	235	185		
TMP-21P	1.50	2.00	50	40					510	450	430	395	350	310	225	150		
TMP-22P	1.50	2.00	65	50				640	600	550	500	470	390	330	265			
TMP-23P	1.50	2.00	75	65				730	690	570	490	420	280					
TMP-24P	1.50	2.00	75	75				850	710	610	510	330						

"TECHNO" BRAND CENTRIFUGAL MONOBLOCK PUMPSETS - THREE PHASE

Approximate Performance Chart at 2880 RPM, 380-415 Volts Three Phase, 50Hz, A.C. Supply

MODEL	MOTOR RATING		PIPE SIZE IN MM		DISCHARGE IN LPM	HEAD IN METER								
	KW	HP	SUC.	DEL.		8	10	12	14	16	18	20	22	24
TMP-12	0.75	1.00	50	50	DISCHARGE IN LPM	430	410	320	170	0				
TMP-16	1.10	1.50	65	50				485	440	370	240	0		
TMP-21	1.50	2.00	50	50				480	450	420	385	335	245	120

MODEL	MOTOR RATING		PIPE SIZE IN MM		DISCHARGE IN LPM	HEAD IN METER									
	KW	HP	SUC.	DEL.		8	10	12	14	16	18	20	22	26	32
TMP-37	2.20	3.00	100	100	DISCHARGE IN LPM	1045	880	660	400	0					
TMP-54	3.70	5.00	100	100			1360	1320	1280	1200	1150	1070	535	0	
TMP-755	5.50	7.50	100	100					1460	1385	1330	1250	1155	1090	0
TMP-103	7.50	10.0	100	100							1495	1455	1415	1340	1236

"TECHNO" BRAND CENTRIFUGAL MONOBLOCK PUMPSETS - THREE PHASE

Approximate Performance Chart at 2880 RPM, 380-415 Volts Three Phase, 50Hz, A.C. Supply

MODEL	MOTOR RATING		PIPE SIZE IN MM		DISCHARGE IN LPM	HEAD IN METER								
	KW	HP	SUC.	DEL.		24	26	28	30	32	34	36	38	40
TMP-753	5.50	7.50	75	65	DISCHARGE IN LPM	950	880	745	635	510	0			
TMP-754	5.50	7.50	75	75		950	880	745	635	510	0			
TMP-102	7.50	10.00	75	75				1120	1050	875	790	570	320	0

MODEL	MOTOR RATING		PIPE SIZE IN MM		DISCHARGE IN LPM	HEAD IN METER									
	KW	HP	SUC.	DEL.		16	18	20	22	24	26	28	30	32	34
TMP-36	2.20	3.00	75	75	DISCHARGE IN LPM	475	395	300	0						
TMP-53	3.70	5.00	75	75		645	620	590	560	515	480	415	350	180	0

MODEL	MOTOR RATING		PIPE SIZE IN MM		DISCHARGE IN LPM	HEAD IN METER									
	KW	HP	SUC.	DEL.		34	36	38	40	44	46	50	52	56	58
TMP-123	9.30	12.50	100	75	DISCHARGE IN LPM	1370	1225	1170	1030	0					
TMP-124	9.30	12.50	100	100		1370	1225	1170	1030	0					
TMP-153	11.00	15.00	100	75		1550	1455	1360	1275	980	0				
TMP-154	11.00	15.00	100	100		1550	1455	1360	1275	980	0				
TMP-203	15.00	20.00	100	100							1350	1320	1190	880	0
TMP-254	18.50	25.00	100	100						1750	1680	1360	1235	1065	0

MODEL	MOTOR RATING		PIPE SIZE IN MM		DISCHARGE IN LPM	HEAD IN METER									
	KW	HP	SUC.	DEL.		14	16	18	20	24	26	30	32	36	42
TMP-34	2.20	3.00	65	50	DISCHARGE IN LPM	585	560	525	495	370	300	0			
TMP-35	2.20	3.00	65	65		585	560	525	495	370	300	0			
TMP-51	3.70	5.00	65	50				725	700	665	640	550	480	0	
TMP-51H	3.70	5.00	65	50							520	475	450	380	0
TMP-52	3.70	5.00	65	65				725	700	665	640	550	480	0	

MODEL	MOTOR RATING		PIPE SIZE IN MM		DISCHARGE IN LPM	HEAD IN METER									
	KW	HP	SUC.	DEL.		28	32	34	36	38	42	44	46	48	50
TMP-751	5.50	7.50	65	50	DISCHARGE IN LPM	750	695	640	575	525	430	0			
TMP-101	7.50	10.00	65	50					820	790	730	650	540	380	0

MODEL	MOTOR RATING		PIPE SIZE IN MM		DISCHARGE IN LPM	HEAD IN METER									
	KW	HP	SUC.	DEL.		50	52	54	56	58	60	62	64	66	68
TMP-122H	9.30	12.50	65	50	DISCHARGE IN LPM	640	625	600	575	555	530	485	410	0	
TMP-151H	11.00	15.00	65	50		655	645	635	625	615	600	580	550	250	0

MODEL	MOTOR RATING		PIPE SIZE IN MM		DISCHARGE IN LPM	HEAD IN METER									
	KW	HP	SUC.	DEL.		68	70	72	76	78	80	82	84	88	90
TMP-201	15.00	20.00	65	50	DISCHARGE IN LPM	705	700	690	645	590	460	0			
TMP-252	18.50	25.00	65	50		670	660	640	625	610	600	580	560	450	0

MODEL	MOTOR RATING		PIPE SIZE IN MM		DISCHARGE IN LPM	HEAD IN METER									
	KW	HP	SUC.	DEL.		34	40	42	44	46	48	50	52	54	56
TMP-122	9.30	12.50	75	65	DISCHARGE IN LPM		1160	1145	1090	1025	945	730	540	0	
TMP-152	11.00	15.00	75	65		1170	1075	1060	1040	1015	935	880	720	560	0

MODEL	MOTOR RATING		PIPE SIZE IN MM		DISCHARGE IN LPM	HEAD IN METER									
	KW	HP	SUC.	DEL.		50	54	56	58	60	62	64	66	70	72
TMP-202	15.00	20.00	75	75	DISCHARGE IN LPM	1100	1075	1065	1000	900	680	530	0		
TMP-253	18.50	25.00	75	75		1165	1100	1070	1030	995	960	920	830	540	0

MODEL	MOTOR RATING		PIPE SIZE IN MM		H(M)	HEAD IN METER									
	KW	HP	SUC.	DEL.		68	70	72	80	82	84	86	88	90	92
TMP-353	22.00	30.00	75	75	H(M)	1075	1055	1045	1020	1005	990	945	830	660	0