



## PRODUCT FEATURES



- Available in both Radial Flow and Mixed Flow impeller designs for versatile and efficient performance.
- Equipped with special LTB-4 and nitrile rubber bearing bushes for superior wear resistance and extended service life.
- Integrated with an inbuilt NRV (Non-Return Valve) to ensure smooth operation with minimal friction.
- Easily rewindable motor, allowing convenient and cost-effective maintenance.
- Stainless steel stator shell prevents rust formation and enhances overall durability.
- Fitted with a specially engineered carbon thrust bearing for improved load handling and longevity.
- High-quality seal rings and sand guards effectively protect the motor from sand ingress.
- Premium water-resistant polymer insulated wires ensure safety and longer operational life.
- Incorporated with a pressure diaphragm to compensate for excess pressure caused by heating of the filled water.

## TECHNICAL DATA



- Power (H.P.) : 7.5 HP 75 HP
- Stage : 2-20
- Discharge Range (LPM) : 70 LPM - 3400 LPM
- Head Range (Metres) : 12 - 490 Mtrs

## APPLICATIONS



- Domestic & Community water supply
- Industries
- High Rise Buildings
- Agriculture
- Fire Fighting Systems
- Cooling water circulating systems

**"TECHNO" BRAND SUBMERSIBLE PUMPSETS - SUITABLE FOR 200 MM BOREWELL & ABOVE**

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

MOTOR : COPPER ROTOR • PUMP : BOWL - CAST IRON • IMPELLER - STAINLESS STEEL

TYPE : TMP-50			OUTLET SIZE 75/100 mm	DISCHARGE IN LPM							
HP	STAGE	ISI		0	150	450	725	1075	1375	1625	2125
10.00	2	ISI	HEAD IN METER	43	41	39	36	31	26	20	2
15.00	3	ISI		65	62	58	53	47	38	30	3
20.00	4	ISI		87	82	78	71	62	51	40	4
25.00	5	ISI		108	103	97	89	78	64	50	6
30.00	6	ISI		130	123	117	107	93	77	60	7
35.00	7	ISI		152	144	136	124	109	89	70	8
40.00	8	ISI		173	164	156	142	124	102	80	9
45.00	9			195	185	175	160	140	115	90	10
50.00	10			217	206	194	178	156	128	100	11
60.00	12			260	247	233	213	187	153	120	13

TYPE : TMP-90			OUTLET SIZE 100/125 mm	DISCHARGE IN LPM							
HP	STAGE	ISI		0	760	1175	1675	1900	2000	2300	
17.50	2	ISI	HEAD IN METER	50	41	39	35	30	24	7	
25.00	3	ISI		70	60	54	44	37	33	10	
35.00	4	ISI		100	82	78	70	60	48	15	
40.00	5			117	100	90	73	62	55	17	
45.00	5			125	102	98	88	75	60	19	
50.00	6	ISI		140	120	108	88	74	66	20	
62.00	8			187	160	144	117	99	88	27	
72.00	9			210	180	162	132	111	99	30	
82.00	10			233	200	180	147	123	110	33	
85.00	11			257	220	198	161	136	121	37	

TYPE : TMP-60			OUTLET SIZE 75/100 mm	DISCHARGE IN LPM							
HP	STAGE	ISI		0	650	850	1150	1460	1630	1715	2130
12.50	2	ISI	HEAD IN METER	46	40	37	34	28	24	22	2
17.50	3	ISI		72	64	62	52	44	38	34	3
25.00	4	ISI		92	80	74	68	56	48	44	4
30.00	5	ISI		115	100	93	85	70	60	55	5
35.00	6	ISI		138	120	111	102	84	72	66	6
40.00	7	ISI		168	150	144	122	102	88	80	7
45.00	7			161	140	130	119	98	84	77	7
50.00	8			184	160	148	136	112	96	88	8
62.00	10			230	200	185	170	140	120	110	10
65.00	11			253	220	204	187	154	132	121	11
72.00	11			288	258	246	210	174	150	138	11
72.00	12			276	240	222	204	168	144	132	12

TYPE : TMP-95			OUTLET SIZE 100/125 mm	DISCHARGE IN LPM							
HP	STAGE	ISI		0	1000	1400	1600	1750	1900	2100	2300
10.00	1		HEAD IN METER	28	23	20	19	18	15	13	3
20.00	2	ISI		55	45	40	38	35	30	25	5
30.00	3	ISI		83	68	60	56	53	45	38	8
40.00	4	ISI		110	90	80	75	70	60	50	10
50.00	5	ISI		128	110	105	100	95	85	58	12
52.00	6			165	135	120	113	105	90	75	15
62.00	7			193	158	140	131	123	105	88	18
72.00	8			220	180	160	150	140	120	100	20
82.00	9			248	203	180	169	158	135	113	23

TYPE : TMP-70			OUTLET SIZE 75/100 mm	DISCHARGE IN LPM							
HP	STAGE	ISI		0	750	1040	1225	1525	1700	2100	2350
15.00	2	ISI	HEAD IN METER	45	38	36	34	30	28	18	5
20.00	3	ISI		68	57	54	51	45	41	26	8
30.00	4	ISI		90	76	72	68	60	55	35	10
35.00	5	ISI		113	95	90	85	75	69	44	13
50.00	7	ISI		158	133	126	119	105	96	61	18
62.00	9			203	174	162	153	135	124	79	23
72.00	10			225	190	180	170	150	138	88	25
82.00	11			248	209	198	187	165	151	96	28
85.00	12			270	228	216	204	180	165	105	30
100.00	14			315	266	252	238	210	193	123	35

**"TECHNO" BRAND SUBMERSIBLE PUMPSETS - SUITABLE FOR 200 MM BOREWELL & ABOVE**

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

MOTOR : COPPER ROTOR • PUMP : BOWL - CAST IRON • IMPELLER - STAINLESS STEEL

TYPE : TMPP-30		OUTLET SIZE 75/100mm	DISCHARGE IN LPM								
HP	STAGE		0	180	700	800	950	1080	1250	1360	
10.00	3	HEAD IN METER	63	54	45	42	36	30	24	12	
12.50	4		84	72	60	56	48	40	32	16	
15.00	5		105	90	75	70	60	50	40	20	
20.00	7		147	126	105	98	84	70	56	28	
25.00	8		168	144	120	12	96	80	64	32	
30.00	10		210	180	150	140	120	100	80	40	
35.00	12		252	216	180	168	144	120	96	48	
40.00	14		294	252	210	196	168	140	112	56	
45.00	15		315	270	225	210	180	150	120	60	

TYPE : TMPP-50		OUTLET SIZE 75/100mm	DISCHARGE IN LPM								
HP	STAGE		0	600	950	1040	1080	1270	1360	1470	
10.00	2	HEAD IN METER	39	37	33	31	28	25	22	20	
15.00	3		59	55	50	47	42	38	33	30	
20.00	4		78	73	67	62	56	50	44	40	
25.00	5		98	92	83	78	70	63	55	50	
30.00	6		118	110	100	93	84	75	67	61	
35.00	7		137	128	117	109	98	88	78	71	
40.00	8		157	147	133	124	112	100	89	81	
45.00	9		176	165	150	140	126	113	100	91	
50.00	10		196	183	167	155	140	125	111	101	
60.00	12		235	220	200	186	168	150	133	121	

TYPE : TMPP-40		OUTLET SIZE 75/100mm	DISCHARGE IN LPM							
HP	STAGE		0	750	800	850	930	1030	1180	1280
7.50	2	HEAD IN METER	43	33	32	29	28	26	20	15
12.50	3		56	50	48	45	42	38	35	32
20.00	5		93	83	79	75	70	63	58	53
25.00	6		111	100	95	90	84	75	69	63
30.00	8		148	133	127	120	112	100	92	84
35.00	9		167	150	143	135	126	113	104	95
40.00	10		185	167	158	150	140	125	115	105
45.00	11		204	183	174	165	154	138	127	116
45.00	12		222	200	190	180	168	150	138	126
50.00	12		222	200	190	180	168	150	138	126
50.00	13		241	214	206	195	182	163	150	137
60.00	14		259	233	222	210	196	175	161	147
60.00	15		278	250	238	225	210	188	173	158

TYPE : TMPP-60		OUTLET SIZE 75/100mm	DISCHARGE IN LPM							
HP	STAGE		0	200	330	650	1150	1460	1630	1715
12.50	2	HEAD IN METER	41	37	34	31	28	28	22	20
25.00	4		82	74	68	62	56	50	44	40
30.00	5		103	93	85	78	70	63	55	50
35.00	6		123	111	102	93	84	75	66	60
40.00	7		161	121	114	109	97	95	75	70
50.00	8		164	148	136	124	112	100	88	80
60.00	10		205	185	170	155	140	125	110	100

### "TECHNO" BRAND SUBMERSIBLE PUMPSETS - SUITABLE FOR 200 MM BOREWELL & ABOVE

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

MOTOR : COPPER ROTOR · PUMP : BOWL - CAST IRON · IMPELLER - STAINLESS STEEL

TYPE : TRP-20		OUTLET SIZE 75 mm	DISCHARGE IN LPM						
HP	STAGE		75	200	360	420	470	540	600
7.50	4	HEAD IN METER	84	78	70	64	58	50	20
10.00	5		105	98	87	80	73	63	25
12.50	6		126	117	104	96	88	75	30
15.00	7		147	137	122	112	102	88	35
15.00	8		168	156	139	128	117	100	40
20.00	9		189	176	157	144	131	113	45
20.00	10		210	195	174	160	146	125	50
25.00	11		231	215	191	176	161	138	55
25.00	12		252	234	209	192	175	150	60
25.00	13		273	254	226	208	190	163	65
30.00	14		294	273	244	224	204	175	70
30.00	15		315	293	261	240	219	188	75
35.00	16		336	312	278	256	234	200	80
35.00	17		357	332	296	272	248	213	85
35.00	18		378	351	313	288	263	225	90
40.00	19		399	371	331	304	277	238	95
40.00	20		420	390	348	320	292	250	100

TYPE : TRP-30		OUTLET SIZE 75 mm	DISCHARGE IN LPM						
HP	STAGE		150	360	540	650	720	840	910
10.00	3	HEAD IN METER	63	59	54	48	44	39	15
12.50	4		84	78	71	64	58	51	20
15.00	5		105	97	88	80	72	63	25
20.00	6		126	116	105	96	86	75	30
20.00	7		147	135	122	112	100	87	35
25.00	8		168	154	140	128	114	100	40
30.00	9		189	173	157	144	128	112	45
30.00	10		210	192	174	160	142	125	50
36.00	11		231	211	192	176	156	138	55
36.00	12		252	230	209	192	170	150	60
40.00	13		273	249	227	208	184	162	65
42.00	14		294	268	244	224	198	175	70
45.00	15		315	287	261	240	212	187	75
50.00	16		336	306	279	256	226	199	80
50.00	17		357	325	296	272	240	212	85
55.00	18		378	344	314	288	254	224	90
60.00	19		399	363	331	304	268	238	95
60.00	20		420	382	348	320	282	252	100

TYPE : TRP-25		OUTLET SIZE 75 mm	DISCHARGE IN LPM						
HP	STAGE		105	300	490	540	600	730	800
10.00	4	HEAD IN METER	84	78	70	64	60	49	20
12.50	5		105	98	87	80	74	62	25
15.00	6		126	117	104	96	88	75	30
20.00	7		147	137	122	112	102	88	35
20.00	8		168	156	139	128	118	100	40
25.00	9		189	176	157	144	131	112	45
25.00	10		210	195	174	160	146	125	50
30.00	11		231	215	191	176	160	137	55
30.00	12		252	234	209	192	175	140	60
35.00	13		273	254	226	208	189	154	65
35.00	14		294	273	244	224	204	166	70
40.00	15		315	293	261	240	219	180	75
40.00	16		336	312	278	256	233	194	80
45.00	17		357	332	296	272	248	205	85
45.00	18		378	351	313	288	262	218	90
50.00	19		399	368	331	304	278	230	95
50.00	20		420	385	348	320	292	245	100

TYPE : TRP-40		OUTLET SIZE 75 mm	DISCHARGE IN LPM						
HP	STAGE		190	450	700	810	900	1050	1140
12.50	3	HEAD IN METER	66	59	53	48	43	38	15
15.00	4		88	78	70	64	58	50	20
20.00	5		110	97	87	80	73	62	25
25.00	6		132	116	105	96	86	75	30
30.00	7		154	135	122	112	100	87	35
35.00	8		176	154	140	128	114	100	40
35.00	9		198	173	157	144	128	112	45
40.00	10		220	192	174	160	142	125	50
45.00	11		242	211	192	176	156	138	55
50.00	12		264	230	209	192	170	150	60
50.00	13		286	249	227	208	184	162	65
55.00	14		308	268	244	224	198	175	70
60.00	15		330	287	261	240	212	187	75
75.00	18								

TYPE : TRP-50		OUTLET SIZE 75 mm	DISCHARGE IN LPM						
HP	STAGE		240	600	880	1060	1100	1240	1350
10.00	2	HEAD IN METER	44	40	36	32	30	24	10
15.00	3		66	59	53	48	44	37	15
20.00	4		88	78	70	64	58	50	20
25.00	5		110	97	87	80	73	62	25
30.00	6		132	116	105	96	86	75	30
36.00	7		154	135	122	112	100	87	35
40.00	8		176	154	140	128	114	100	40
45.00	9		198	173	157	144	128	112	45
50.00	10		220	192	174	160	142	125	50
55.00	11		242	211	192	176	156	138	55
60.00	12		264	230	209	192	170	150	60

**"TECHNO" BRAND SUBMERSIBLE PUMPSETS - SUITABLE FOR 200 MM BOREWELL & ABOVE**

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

MOTOR : COPPER ROTOR • PUMP : BOWL - CAST IRON • IMPELLER - STAINLESS STEEL

TYPE : JMP-30		OUTLET SIZE 100 mm	DISCHARGE IN LPM				
HP	STAGE		560	590	750	1060	1350
6.00	2	HEAD IN METER	32	30	27	23	20
10.00	3		48	45	40	35	30
12.50	4		64	60	53	47	40
15.00	5		80	75	67	58	50

TYPE : JMP-70		OUTLET SIZE 100 mm	DISCHARGE IN LPM				
HP	STAGE		880	1260	1420	1970	2060
15.00	2	HEAD IN METER	36	32	30	20	10
20.00	3		54	49	45	30	15
30.00	4		60	54	60	45	30

TYPE : JMP-40		OUTLET SIZE 100 mm	DISCHARGE IN LPM				
HP	STAGE		760	1006	1240	1330	1530
7.50	2	HEAD IN METER	32	30	27	23	20
12.50	3		48	45	40	35	30
15.00	4		64	60	53	47	40
20.00	5		80	75	67	58	50

TYPE : JMP-90		OUTLET SIZE 100 mm	DISCHARGE IN LPM				
HP	STAGE		1860	2050	2180	2400	2530
20.00	2	HEAD IN METER	30	28	26	22	18
30.00	3		45	42	39	33	27

TYPE : JMP-50		OUTLET SIZE 100 mm	DISCHARGE IN LPM				
HP	STAGE		990	1140	1360	1460	1610
10.00	2	HEAD IN METER	32	30	26	22	20
15.00	3		48	45	40	34	30
20.00	4		64	60	52	46	40
25.00	5		80	74	66	57	50

TYPE : JMP-90		OUTLET SIZE 100 mm	DISCHARGE IN LPM				
HP	STAGE		1800	1950	2100	2300	2450
17.50	2	HEAD IN METER	30	28	26	22	18
25.00	3		45	42	39	33	27

TYPE : JMP-60		OUTLET SIZE 100 mm	DISCHARGE IN LPM				
HP	STAGE		1200	1250	1300	1680	1860
12.50	2	HEAD IN METER	32	30	27	22	20
17.50	3		48	45	41	34	30
25.00	4		64	63	61	55	40