



PRODUCT FEATURES



- Easy to install, ensuring quick and hassle-free setup.
- Designed for enhanced efficiency, with the prime mover and pump mounted integrally on a single shaft for optimal performance.
- The openwell submersible monoblock can be installed at the bottom of the well, allowing efficient water lifting.
- This configuration eliminates the need for a suction pipe, simplifying installation and reducing maintenance.
- Dynamically balanced rotor and impellers ensure vibration-free operation, resulting in smoother performance and longer service life.
- Water can also be drawn from a borewell located at the bottom of the openwell by inserting a suction pipe into the borewell and providing a cooling tank arrangement to keep the monoblock continuously submerged, ensuring reliable and efficient operation.

TECHNICAL DATA



• Power (H.P.)	: Single Phase	0.5 HP 3.0 HP
	: Three Phase	1.0 HP 40 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	50 LPM 2800 LPM
• Head Range (Mtrs.)	: Single Phase	10-35 Mtrs
	: Three Phase	20-70 Mtrs
• Pipe Size (MM)	: 32 X 25, 40 X 40 40 X 40, 50 X 40, 65 X 50, 75 X 65, 75 X 75, 100 X 75, 100 X 100	

APPLICATIONS



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

"TECHNO" BRAND HORIZONTAL OPENWELL SUBMERSIBLE PUMPSETS

Approximate Performance Chart at 2880 RPM, 380-415 Volts Three Phase, 50Hz, A.C. Supply
 MOTOR : COPPER ROTOR · PUMP : IMPELLER 0.5HP TO 2HP - NORYL & 3HP TO 30HP - CI IMPELLER

MODEL	MOTOR RATING		PIPE SIZE IN MM		ISI	SP	TP	DISCHARGE IN LPM	HEAD IN METER														
	KW	HP	SUC.	DEL.					6	8	10	12	14	16	18	20	22	24	26	28	30	32	
THMS-05	0.33	0.50	25	25	ISI	SP	-	DISCHARGE IN LPM	165	155	148	130	105	60	0								
THMS-05H	0.37	0.50	40	25	ISI	SP	-				170	150	130	70	40	0							
THMS-10H	0.75	1.00	40	25		SP	TP					220	200	175	160	140	125	90	0				
THMS-11	0.75	1.00	40	40	ISI	SP	TP					292	274	256	184	124	0						
THMS-12	0.75	1.00	50	50		SP	TP				540	380	230	145	0								
THMS-15	1.10	1.50	40	40	ISI	SP	TP						235	220	205	190	160	128	105	75	0		
THMS-16	1.10	1.50	50	50		SP	TP						350	310	265	226	180						
THMS-20	1.50	2.00	40	40		SP	TP									230	210	195	170	150	120	80	0
THMS-21 (CI)	1.50	2.00	50	50	ISI	SP	TP			535	500	470	430	370	300	195	0						

MODEL	MOTOR RATING		PIPE SIZE IN MM		ISI	SP	TP	DISCHARGE IN LPM	HEAD IN METER												
	KW	HP	SUC.	DEL.					10	12	16	18	20	22	24	26	28	30	32	36	38
THMS-31V6	2.20	3.00	65	50		SP	TP	DISCHARGE IN LPM	500	460	400	360	320	260	210	120	0				
THMS-30V6	2.20	3.00	65	65		SP	TP			660	530	480	420	330	0						
THMS-31V9	2.20	3.00	65	50	ISI	SP	TP			570	540	505	475	430	375	310	220	0			
THMS-30V9	2.20	3.00	65	65	ISI	SP	TP				740	690	610	570	425	240	0				
THMS-35V9	2.20	3.00	75	75		SP	TP			760	700	640	570	0							
THMS-51V6	3.70	5.00	65	50	ISI	-	TP						710	665	600	530	490	410	320	0	
THMS-50V6	3.70	5.00	65	65	ISI	-	TP					860	800	720	650	590	500	390			
THMS-51V9	3.70	5.00	65	50		SP	TP					600	590	565	540	510	470	450	400	0	
THMS-50V9	3.70	5.00	65	65		SP	TP				735	660	635	580	540	465	410	220	0		
THMS-54V9	3.70	5.00	75	75		SP	TP				750	685	650	600	550	480	420	265	0		
THMS-55 V9	3.70	5.00	100	100		SP	TP			1285	1190	910	795	730	495	0					
THMS-61	4.50	6.50	65	65		-	TP						850	810	775	720	675	585	0		
THMS-62	4.50	6.50	100	100		-	TP			1610	1450	935	825	0							

MODEL	MOTOR RATING		PIPE SIZE IN MM		ISI	SP	TP	DISCHARGE IN LPM	HEAD IN METER												
	KW	HP	SUC.	DEL.					18	20	22	24	26	27	28	29	30	32	34	42	46
THMS-76	5.50	7.50	65	50	ISI	-	TP	DISCHARGE IN LPM				670	630	590	565	545	510	470	410	185	0
THMS-75	5.50	7.50	75	75	ISI	-	TP			1440	1380	1310	1235	1140	1065	975	880	530	0		
THMS-73	5.50	7.50	100	100		-	TP			1250	1180	1095	975	860	780	710	350	0			

MODEL	MOTOR RATING		PIPE SIZE IN MM		ISI	SP	TP	DISCHARGE IN LPM	HEAD IN METER													
	KW	HP	SUC.	DEL.					20	22	26	28	30	32	34	36	40	46	48	52	54	56
THMS-101	7.50	10.00	65	50	ISI	-	TP	DISCHARGE IN LPM					820	785	770	745	740	600	530	380	270	0
THMS-100	7.50	10.00	75	75	ISI	-	TP			1520	1435	1330	1265	1170	1060	735	0					
THMS-102	7.50	10.00	100	100		-	TP			1420	1355	1180	1080	840	580	0						

MODEL	MOTOR RATING		PIPE SIZE IN MM		ISI	SP	TP	DISCHARGE IN LPM	HEAD IN METER													
	KW	HP	SUC.	DEL.					20	22	26	28	30	32	34	36	40	46	48	50	54	56
THMS-120	9.30	12.50	65	50		-	TP	DISCHARGE IN LPM				1050	810	680	670	0						
THMS-121	9.30	12.50	75	75		-	TP			1620	1560	1465	1380	1310	1265	1175	1080	0				
THMS-122	9.30	12.50	100	100		-	TP			2010	1865	1645	1420	1285	1095	850	0					
THMS-150	11.00	15.00	65	50		-	TP							935	875	810	765	700	450	315	220	0
THMS-151	11.00	15.00	75	75		-	TP							1660	1615	1550	1450	1150	990	0		
THMS-152	11.00	15.00	100	100		-	TP				2170	2010	1925		1810	1705	1635	1545	0			
THMS-201	15.00	20.00	100	75		-	TP							2160	2095	1975	1890	1665	1455	725	0	
THMS-401	30.00	40.00	125	80		-	TP				3565	3410	3240	3023	2810	2585	2290	1380	0			

MODEL	MOTOR RATING		PIPE SIZE IN MM		ISI	SP	TP	DISCHARGE IN LPM	HEAD IN METER												
	KW	HP	SUC.	DEL.					34	40	44	48	50	54	58	62	66	70	74	78	80
THMS-200	15.00	20.00	65	50		-	TP	DISCHARGE IN LPM		1010	1000	995	980	970	955	920	875	795	675	330	0
THMS-251	18.50	25.00	100	75		-	TP			1885	1670	1450	1290	775	0						
THMS-252	18.50	25.00	100	100		-	TP			1885	1670	1450	1290	775	0						
THMS-301	22.50	30.00	100	100		-	TP			2166	1935	1745	1635	1395	0						
THMS-302	22.50	30.00	75	65		-	TP			1660	1640	1560	1480	1405	1325	1140	585	0			
THMS-400	30.00	40.00	100	100		-	TP			2201	2035	1775	1695	1460	1150	0					

Note : Up to 10 HP Default supply SS Body / Optional CI Body