

Borewell Submersibles (TME 100/125)

TARO "TME 100/100T/100K/100KT/125/125AT/125BT/125CT series" - Three Phase Mixed Flow Submersible Pumpsets for 8" Borewells Approximate performance values of TME 100/100T/100K/100KT/125/125AT/125BT/125CT series at 440V (-15% to +6%), 2880 rpm, 60 Hz AC Power Supply

Pump Type	Motor rating	Connection	Motor rating		Stages	Pipe size (mm)	CAPACITY										FL Current (A)					
							Gpm	0.0	132.0	151.8	171.6	184.8	204.6	224.4	244.2	277.2		303.6	330.0	369.6	402.6	442.2
							l/m	0.0	600	690	780	840	930	1020	1110	1260		1380	1500	1680	1830	2010
							M ³ /hr	0.0	36.0	41.4	46.8	50.4	55.8	61.2	66.6	75.6		82.8	90.0	100.8	109.8	120.6
		kW		HP			l/s	0.0	10.0	11.5	13.0	14.0	15.5	17.0	18.5	21.0	23.0	25.0	28.0	30.5	33.5	
TME 10002 # \$	TE 093	SD	9.3	12.5	2	100	40.0	36.0	35.6	34.4	34.0	33.6	32.8	32.4	30.0	29.4	27.0	18.0				25
TME 10003 #	TE 150	SD	15.0	20.0	3	100	60.0	54.0	53.4	51.6	51.0	50.4	49.2	48.6	45.0	44.1	40.5	27.0				39
TME 10004	TE 187	SD	18.7	25.0	4	100	80.0	72.0	71.2	68.8	68.0	67.2	65.6	64.8	60.0	58.8	54.0	36.0				43
TME 10005*	TE 225	SD	22.5	30.0	5	100	100	90.0	89.0	86.0	85.0	84.0	82.0	81.0	75.0	73.5	67.5	45.0				52
TME 10006	TE 260	SD	26.0	35.0	6	100	120	108	107	103.2	102.0	100.8	98.4	97.2	90.0	88.2	81.0	54.0				60
TME 10007	TE 300	SD	30.0	40.0	7	100	140	126	125	120	119	118	115	113	105	103	94.5	63.0				65
TME 10002 T #	TE 075	SD	7.5	10.0	2	100	38.6	33.8	33.2	32.6	32.0	31.4	31.0	30.0	29.0	27.0	26.0	21.0				19.5
TME 10003 T # \$	TE 112	SD	11.0	15.0	3	100	57.9	50.7	49.8	48.9	48.0	47.1	46.5	45.0	43.5	40.5	39.0	31.5				29
TME 10004 T # \$	TE 150	SD	15.0	20.0	4	100	77.2	67.6	66.4	65.2	64.0	62.8	62.0	60.0	58.0	54.0	52.0	42.0				39
TME 10005 T \$	TE 187	SD	18.7	25.0	5	100	96.5	84.5	83.0	81.5	80.0	78.5	77.5	75.0	72.5	67.5	65.0	52.5				43
TME 10006 T	TE 225	SD	22.5	30.0	6	100	116	101	100	97.8	96.0	94.2	93.0	90.0	87.0	81.0	78.0	63.0				52
TME 10007 T	TE 260	SD	26.0	35.0	7	100	135	118	116	114	112	110	109	105	102	95	91.0	73.5				65
TME 10001 K	TE 056	SD	5.5	7.5	1	100	25.5	23.0	22.5	22.3	22.0	21.8	21.5	20.8	20.0	18.5	16.5	14.5	13.2			14.5
TME 10002 K	TE 112	SD	11.0	15.0	2	100	51.0	46.0	45.0	44.5	44.0	43.5	43.0	41.5	40.0	37.0	33.0	29.0	26			29
TME 10003 K	TE 187	SD	18.7	25.0	3	100	76.5	69.0	67.5	66.8	66.0	65.3	64.5	62.3	60.0	55.5	49.5	43.5	40			43
TME 10004 K	TE 225	SD	22.5	30.0	4	100	102	92.0	90.0	89.0	88.0	87.0	86.0	83.0	80.0	74.0	66.0	58.0	53			52
TME 10005 K	TE 300	SD	30.0	40.0	5	100	128	115	113	111	110	109	108	104	100	92.5	82.5	72.5	66			65

D O L - Direct On Line

S D - Star Delta

Maximum outer diameter: 188 mm

- TME series is also available combined with 6" motor(TSE)

\$ Sets are also available combined with 1 step lower motor rating ('S' / 'SP' series)

PRODUCT TYPE KEY

T M E 100 04 T - Taro, Mixed flow, Eight inch, 100 series, 04 Stages (T - Trimmed impeller)

T M E S 100 03 - Taro, Mixed flow, Eight inch pump, Six inch motor, 100 series, 03 Stages

M E 100 03 K - Taro, Mixed flow, Eight inch, 100 series, 03 Stages (Kutch)

T M E 125 03 AT - Taro, Mixed flow, Eight inch, 125 series, 03 Stages (T-Trimmed impeller)

T M E 125 03 - Taro, Mixed flow, Eight inch, 125 series, 03 Stages

T E 187 - Three phase, Eight inch motor (187 - Power code)

TME 100-125/

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Pump Type	Motor rating	Connection	Motor rating		Stages	Pipe size (mm)	CAPACITY																FL Current (A)
							Gpm	0.0	132.0	151.8	171.6	184.8	204.6	224.4	244.2	277.2	303.6	330.0	369.6	402.6	442.2		
							l/m	0.0	600	690	780	840	930	1020	1110	1260	1380	1500	1680	1830	2010		
							M ³ /hr	0.0	36.0	41.4	46.8	50.4	55.8	61.2	66.6	75.6	82.8	90.0	100.8	109.8	120.6		
							l/s	0.0	10.0	11.5	13.0	14.0	15.5	17.0	18.5	21.0	23.0	25.0	28.0	30.5	33.5		
TME 10002 KT	TE 093	SD	9.3	12.5	2	100	46.0	43.0	42.6	42.0	41.0	40.6	40.0	39.4	38.4	35.0	34.0	30	28		25		
TME 10003 KT	TE 130	SD	13.0	17.5	3		69.0	65.0	63.9	63.0	61.5	60.9	60.0	59.1	57.6	52.5	51.0	45	42		34		
TME 10003 KTP	TE 150	SD	15.0	20.0	3		63.9	60.0	59.0	59.0	58.0	57.0	56.0	54.0	51.0	48.0	46.0	40	34		39		
TME 10004 KT	TE 187	SD	18.7	25.0	4		92.0	86.0	85.2	84.0	82.0	81.2	80.0	78.8	76.8	70.0	68.0	60	56		43		
TME 10005 KT	TE 225	SD	22.5	30.0	5		115	108	107	105	103	102	100	98.5	96.0	87.5	85.0	75	70		52		
TME 10006 KT	TE 260	SD	26.0	35.0	6		138	129	128	126	123	122	120	118	115	105	102	90	84		60		
TME 10007 KT	TE 300	SD	30.0	40.0	7		161	151	149	147	144	142	140	138	134	122.5	119	105	98		65		
TME 12501	TE 075	SD	7.5	10.0	1		125	23.5		22.5	22.3	21.9	21.6	21.3	20.3	19.6	18.5	17.4	17.0	15.3	13.3	19.5	
TME 12502	TE 150	SD	15.0	20.0	2			47.0		45.0	44.6	43.8	43.2	42.6	40.6	39.2	37.0	34.8	34.0	30.6	26.6	39	
TME 12503	TE 225	SD	22.5	30.0	3			70.5		67.5	66.9	65.7	64.8	63.9	60.9	58.8	55.5	52.2	51.0	45.9	39.9	52	
TME 12504	TE 300	SD	30.0	40.0	4			94		90.0	89.2	87.6	86.4	85.2	81.2	78.4	74.0	69.6	68.0	61.2	53.2	65	

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TME 100-125/

1.2/02/04

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							l/m	0.0	600	690	780	840	930	1020	1110	1260	1380	1500	1680	1830	2010		
							M ³ /hr	0.0	36.0	41.4	46.8	50.4	55.8	61.2	66.6	75.6	82.8	90.0	100.8	109.8	120.6		
							l/s	0.0	10.0	11.5	13.0	14.0	15.5	17.0	18.5	21.0	23.0	25.0	28.0	30.5	33.5		
TME 12502 AT	TE 130	SD	13.0	17.5	2	↑ HEAD VALUES IN METERS ↓	48.0	43.2	42.8	42.6	42.4	42.0	41.2	40.0	38.0	36.6	33.0	30.8	24.8	34			
TME 12503 AT	TE 187	SD	18.7	25.0	3		72.0	64.8	64.2	63.9	63.6	63.0	61.8	60.0	57.0	54.9	49.5	46.2	37.2	43			
TME 12504 AT	TE 260	SD	26.0	35.0	4		96.0	86.4	85.6	85.2	84.8	84.0	82.4	80.0	76.0	73.2	66.0	61.6	49.6	60			
TME 12502 BT #	TE 112	SD	11.0	15.0	2		45.6	41.6	40.8	40.4	39.8	39.0	38.8	36.4	35.6	34.0	32.0	28.0	21.0	29			
TME 12503 BT	TE 187	SD	18.7	25.0	3		68.4	62.4	61.2	60.6	59.7	58.5	58.2	54.6	53.4	51.0	48.0	42.0	31.5	43			
TME 12504 BT	TE 225	SD	22.5	30.0	4		91.2	83.2	81.6	80.8	79.6	78.0	77.6	72.8	71.2	68.0	64.0	56.0	42.0	60			
TME 12505 BT	TE 300	SD	30.0	40.0	5		114	104	102	101	99.5	97.5	97.0	91.0	89.0	85.0	80.0	70.0	52.5	65			
TMES 12502 CTF	TSE 093	SD	9.3	12.5	2		42.0	37.3	36.7	36.7	36.0	35.3	34.7	32.7	31.3	30.0	25.3	24.6	22.3	25			
TME 12503 CTF #	TE 150	SD	15.0	20.0	3		63.0	56.0	55.0	55.0	54.0	53.0	52.0	49.0	47.0	45.0	38.0	36.9	33.5	39			

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