

Borewell Submersibles (TRE 65/70/75)

RYOBA ADVANTEX

TARO "TRE 65/70/75 Series" - Three Phase Radial Flow Submersible Pumpsets for 8" Borewells
 Approximate performance values of TRE 65/70/75 series at 440V (-15% to +6%), 2880 rpm, 60 Hz AC Power Supply

Pump Type	Motor Type	Connection	Motor rating		Stages	Pipe size (mm)	CAPACITY																FL Current (A)
							Gpm	0.0	59.4	72.6	85.8	99.0	112.2	118.8	132.0	145.2	171.6	184.8	204.6	211.2	224.4	244.2	
							l/m	0.0	270	330	390	450	510	540	600	660	780	840	930	960	1020	1110	
							M ³ /hr	0.0	16.2	19.8	23.4	27.0	30.6	32.4	36.0	39.6	46.8	50.4	55.8	57.6	61.2	66.6	
							l/s	0.0	4.5	5.5	6.5	7.5	8.5	9.0	10.0	11.0	13.0	14.0	15.5	16.0	17.0	18.5	
TRE 6502	TE 037	DOL	3.7	5	2	36.8	35.6	34.8	33.2	30.0	27.4	25.4	20.6								10		
TRE 6503	TE 056	SD	5.5	7.5	3	55.2	53.4	52.2	49.8	45.0	41.1	38.1	30.9								14.5		
TRE 6504	TE 075	SD	7.5	10	4	73.6	71.2	69.6	66.4	60.0	54.8	50.8	41.2								19.5		
TRE 6505	TE 093	SD	9.3	12.5	5	92.0	89.0	87.0	83.0	75.0	68.5	63.5	51.5								25		
TRE 6506	TE 112	SD	11	15	6	110	107	104	99.6	90.0	82.2	76.2	61.8								29		
TRE 6507	TE 130	SD	13	17.5	7	129	125	122	116	105	95.9	88.9	72.1								34		
TRE 6508*	TE 150	SD	15	20	8	147	142	139	133	120	110	102	82.4								39		
TRE 6510	TE 187	SD	18.7	25	10	184	178	174	166	150	137	127	103								43		
TRE 6512	TE 225	SD	22.5	30	12	221	214	209	199	180	164	152	124								52		
TRE 7003	TE 075	SD	7.5	10	3	56.4		53.4	52.2	50.4	46.5	45.0	43.5	34.5	20.7		16.8				19.5		
TRE 7004	TE 093	SD	9.3	12.5	4	75.2		71.2	69.6	67.2	62.0	60.0	58.0	46.0	27.6		22.4				25		
TRE 7005*	TE 112	SD	11	15	5	94.0		89.0	87.0	84.0	77.5	75.0	72.5	57.5	34.5		28.0				29		
TRE 7006	TE 130	SD	13	17.5	6	113		107	104	101	93.0	90.0	87.0	69.0	41.4		33.6				34		
TRE 7007	TE 150	SD	15	20	7	132		125	122	118	109	105	102	80.5	48.3		39.2				39		
TRE 7008	TE 187	SD	18.7	25	8	150		142	139	134	124	120	116	92.0	55.2		44.8				43		
TRE 7010	TE 225	SD	22.5	30	10	188		178	174	168	155	150	145	115	69.0		56.0				52		
TRE 7012	TE 260	SD	26	35	12	226		214	209	202	186	180	174	138	82.8		67.2				60		
TRE 7013	TE 300	SD	30	40	13	244		231	226	218	202	195	189	150	89.7		72.8				65		
TRE 7014	TE 300	SD	30	40	14	263		249	244	235	217	210	203	161	96.6		78.4				65		

HEAD VALUES IN METERS

75

D O L - Direct On Line S D - Star Delta Maximum outer diameter: 188 mm

PRODUCT TYPE KEY

TRE 65 04 - Taro, Radial flow, Eight inch, 65 series, 04 - Stages
 TRE 75 02 D - Taro, Radial flow, Eight inch, 75 series, 02 - Stages (D - Discharge)
 TRE 75 05 T - Taro, Mixed flow, Six inch, 70 series, 03 - Stages (Trimmed impeller)

TRE 70 series is also available combined with 1 step lower motor rating (TRE 70 S)
 TRE 70 03 - Taro, Radial flow, Eight inch, 70 series, 03 - Stages
 TE 075 - Three phase, Eight inch motor (075 - Power code)
 TE 150 - Three phase, Eight inch motor (150 - Power code)

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							l/m	0.0	270	330	390	450	510	540	600	660		780	840	930	960	1020	1110
							M ³ /hr	0.0	16.2	19.8	23.4	27.0	30.6	32.4	36.0	39.6		46.8	50.4	55.8	57.6	61.2	66.6
						l/s	0.0	4.5	5.5	6.5	7.5	8.5	9.0	10.0	11.0	13.0	14.0	15.5	16.0	17.0	18.5		
TRE 7503 T	TE 093	SD	9.3	12.5	3	75	58.5			53.7	52.8	52.2	51.9	49.5	48.0	39.0	34.5	30.0	20.1	18.0	25		
TRE 7504 T	TE 130	SD	13	17.5	4		78.0			71.6	70.4	69.6	69.2	66.0	64.0	52.0	46.0	40.0	26.8	24.0	34		
TRE 7505 T*	TE 150	SD	15	20	5		97.5			89.5	88.0	87.0	86.5	82.5	80.0	65.0	57.5	50.0	33.5	30.0	39		
TRE 7506 T	TE 187	SD	18.7	25	6		117			107	106	104	104	99.0	96.0	78.0	69.0	60.0	40.2	36.0	43		
TRE 7507 T	TE 225	SD	22.5	30	7		137			125	123	122	121	116	112	91.0	80.5	70.0	46.9	42.0	52		
TRE 7508 T	TE 260	SD	26	35	8		156			143	141	139	138	132	128	104	92.0	80.0	53.6	48.0	60		
TRE 7509 T	TE 260	SD	26	35	9		176			161	158	157	156	149	144	117	104	90.0	60.3	54.0	60		
TRE 7510 T	TE 300	SD	30	40	10		195			179	176	174	173	165	160	130	115	100	67.0	60.0	65		
TRE 7501 D	TE 037	DOL	3.7	5	1		19.5					19.5	19.5	19.3	19.0	18.0	17.5	16.0	15.5	14.5	12.3	10	
TRE 7502 D	TE 075	SD	7.5	10	2		39.0					39.0	39.0	38.5	38.0	36.0	35.0	32.0	31.0	29.0	24.5	19.5	
TRE 7503 D	TE 112	SD	11	15	3		58.5					58.5	58.5	57.8	57.0	54.0	52.5	48.0	46.5	43.5	36.8	29	
TRE 7504 D	TE 150	SD	15	20	4		78.0					78.0	78.0	77.0	76.0	72.0	70.0	64.0	62.0	58.0	49.0	39	
TRE 7505 D	TE 187	SD	18.7	25	5		97.5					97.5	97.5	96.3	95.0	90.0	87.5	80.0	77.5	72.5	61.3	43	
TRE 7506 D	TE 225	SD	22.5	30	6		117					117	117	116	114	108	105	96.0	93.0	87.0	73.5	52	
TRE 7507 D	TE 260	SD	26	35	7		137					137	137	135	133	126	123	112	108.5	102	85.8	60	
TRE 7508 D	TE 300	SD	30	40	8		156					156	156	154	152	144	140	128	124	116	98.0	65	

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SD - Star Delta

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TE 075 - Three phase, Eight inch motor (075 - Power code)

TE 150 - Three phase, Eight inch motor (150 - Power code)