

# Borewell Submersibles (TSS 47)

TARO "TSS 47 Series" - Three Phase Radial Flow Stainless Steel Submersible for 6" Borewells  
 Approximate performance values of TSS 47 Series at 440V (-15% to +6%), 2880 rpm, 60 Hz AC Power Supply

Pump Type	Motor Type	Connection	Motor rating kW HP		Stages	Pipe size (mm)	CAPACITY										Max. FL Current (A)
							Gpm	0.0	39.6	46.2	52.8	59.4	63.4	72.6	85.8	99.0	
							l/m	0.0	180	210	240	270	288	330	390	450	
							M <sup>3</sup> /hr	0.0	10.8	12.6	14.4	16.2	17.3	19.8	23.4	27.0	
							l/s	0.0	3.0	3.5	4.0	4.5	4.8	5.5	6.5	7.5	
TSS 4703	TS 022	DOL	2.2	3	3	34.5	32.7	32.1	30.9	29.4	27.0	24.9	18.3	12.0	6.5		
TSS 4704	TS 030	DOL	3	4	4	46.0	43.6	42.8	41.2	39.2	36.0	33.2	24.4	16.0	8.5		
TSS 4705	TS 037	DOL	3.7	5	5	57.5	54.5	53.5	51.5	49.0	45.0	41.5	30.5	20.0	10		
TSS 4706	TS 037	DOL	3.7	5	6	69.0	65.4	64.2	61.8	58.8	54.0	49.8	36.6	24.0	10		
TSS 4706	TS 045	DOL	4.5	6	6	69.0	65.4	64.2	61.8	58.8	54.0	49.8	36.6	24.0	12		
TSS 4707	TS 045	DOL	4.5	6	7	80.5	76.3	74.9	72.1	68.6	63.0	58.1	42.7	28.0	12		
TSS 4707	TS 056	DOL/SD	5.5	7.5	7	80.5	76.3	74.9	72.1	68.6	63.0	58.1	42.7	28.0	14.5		
TSS 4708	TS 056	DOL/SD	5.5	7.5	8	92.0	87.2	85.6	82.4	78.4	72.0	66.4	48.8	32.0	14.5		
TSS 4709	TS 056	DOL/SD	5.5	7.5	9	104	98.1	96.3	92.7	88.2	81.0	74.7	54.9	36.0	14.5		
TSS 4710	TS 067	SD	6.7	9	10	115	109	107	103	98.0	90.0	83.0	61.0	40.0	18		
TSS 4711	TS 067	SD	6.7	9	11	127	120	118	113	108	99.0	91.3	67.1	44.0	18		
TSS 4712	TS 075	SD	7.5	10	12	138	131	128	124	118	108	99.6	73.2	48.0	19.5		
TSS 4713	TS 093	SD	9.3	12.5	13	150	142	139	134	127	117	108	79.3	52.0	25		
TSS 4714	TS 093	SD	9.3	12.5	14	161	153	150	144	137	126	116	85.4	56.0	25		
TSS 4715	TS 093	SD	9.3	12.5	15	173	164	161	155	147	135	125	91.5	60.0	25		
TSS 4716	TS 112	SD	11	15	16	184	174	171	165	157	144	133	97.6	64.0	29		
TSS 4717	TS 112	SD	11	15	17	196	185	182	175	167	153	141	104	68.0	29		
TSS 4718	TS 112	SD	11	15	18	207	196	193	185	176	162	149	110	72.0	29		
TSS 4719	TS 130	SD	13	17.5	19	219	207	203	196	186	171	158	116	76.0	34		
TSS 4720	TS 130	SD	13	17.5	20	230	218	214	206	196	180	166	122	80.0	34		
TSS 4721	TS 130	SD	13	17.5	21	242	229	225	216	206	189	174	128	84.0	34		
TSS 4722	TS 150	SD	15	20	22	253	240	235	227	216	198	183	134	88.0	39		
TSS 4723	TS 150	SD	15	20	23	265	251	246	237	225	207	191	140	92.0	39		

D O L - Direct On Line

S D - Star Delta

Maximum outer diameter: 146 mm

**PRODUCT TYPE KEY**

T S S 47 05 - Taro, Stainless steel (Radial flow), Six inch, 47 series, 05 Stages

T S 037 - Three phase, Six inch motor (037 - Power code)

TSS 47/1.2/05/04