

**ELMO**

S.r.l. V.le Certosa 8/B - 27100 Pavia Italy

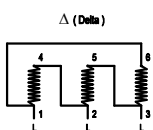
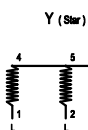
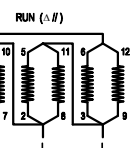
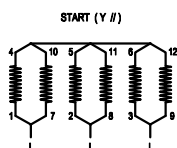
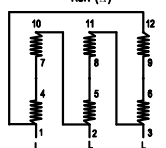
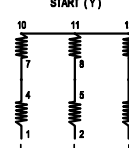
Tel. + 39 382 529564 - 422372

E-Mail: info@elmoitaly.com

TD 22-52-62TS 60Hz/2507-15

SUBMERSIBLE MOTORS FOR HYDRAULIC LIFTS**PERFORMANCE DATA SHEET 2 POLES 3 PHASE 60 Hz**

BASIC PART NUMBER	FULL LOAD DATA 80 starts per hour													REDUCED LOAD DATA 120 starts per hour												
	DUTY TYPE S2 30min													DUTY TYPE S2 60min												
	Output	Torque	Speed	FL EFF	Motor loss	FL PF	Delta connection	200	208	230	575	kVA Code	Output	Speed	Delta connection	200	208	230	575	FL EFF	FL PF	kVA Code	Inertia motor	approximate weight		
	HP kW	ft/lbf	RPM	%	BTU/HR		Volts			12leads				HP kW	RPM	Volts			12leads		%			lbft ² (Wk ²)	lbs	
62TS022	3 2.2	4.5	3430	68	3590	0.79	Full Load 11.8	11.4	10.2	5.1	4.1	F	3 2.2	3430	Current Reduced Load	11.8	11.4	10.2	5.1	68	0.79	F	0.023	27		
62TS036	5 3.6	7.4	3420	76	4020	0.79	Full Load 17.3	16.6	15	7.5	6	D	5 3.6	3420	Current Reduced Load	17.3	16.6	15	7.5	76	0.79	D	0.030	31		
62TS055	7.5 5.5	11.4	3380	74	6710	0.82	Full Load 26.4	25.4	23	11.5	9.2	C	7.5 5.5	3380	Current Reduced Load	26.4	25.4	23	11.5	74	0.82	C	0.036	35		
62TS073	10 7.3	15.2	3390	79	6770	0.81	Full Load 33	32	28.6	14.3	11.5	D	10 7.3	3390	Current Reduced Load	33	32	28.6	14.3	79	0.81	D	0.042	39		
62TS092	12.5 9.2	19.2	3380	79	8460	0.81	Full Load 42	40	36	18	14.4	D	10 7.3	3460	Current Reduced Load	34	33	29.8	14.9	83	0.74	F	0.048	43		
62TS110	15 11	22.9	3380	79	10150	0.79	Full Load 51	49	44	22.1	17.7	E	10 7.3	3460	Current Reduced Load	35	33	30	15	83	0.73	H	0.054	46		
62TS150	20 15	31.4	3360	79	13530	0.81	Full Load 68	65	59	29.4	23.5	D	15 11	3440	Current Reduced Load	52	50	45	22.5	83	0.74	G	0.069	53		
52TS110	15 11	23.1	3360	76	12060	0.81	Full Load 52	50	45	22.4	17.9	D	10 7.3	3440	Current Reduced Load	36	34	31	15.5	80	0.74	H	0.061	43		
52TS150	20 15	30.5	3390	79	13530	0.83	Full Load 66	63	57	28.3	23	D	15 11	3470	Current Reduced Load	50	48	44	21.8	83	0.76	G	0.082	46		
52TS185	25 18.5	38	3380	78	17950	0.86	Full Load 80	77	69	35	27.7	D	20 15	3460	Current Reduced Load	66	63	57	28.5	82	0.79	F	0.100	58		
52TS221	30 22.1	46	3400	82	16760	0.83	Full Load 96	90	84	42	33	E	25 18.5	3430	Current Reduced Load	81	78	71	36	82	0.80	F	0.119	66		
52TS240	33 24	50	3350	78	23690	0.87	Full Load 101	97	88	44	35	D	25 18.5	3430	Current Reduced Load	81	78	71	36	82	0.80	F	0.119	66		
52TS290	40 29	60	3370	79	27060	0.88	Full Load 120	115	104	52	42	C	30 22.1	3450	Current Reduced Load	95	91	83	42	83	0.81	F	0.137	75		
52TS370	50 37	77	3370	79	33830	0.88	Full Load 154	148	134	67	53	C	40 29	3450	Current Reduced Load	126	121	108	54	83	0.81	E	0.155	84		
22TS290	40 29	61	3370	77	30410	0.86	Full Load 127	122	111	55	44	C	30 22.1	3410	Current Reduced Load	98	95	86	43	34	79	0.82	F	0.304	101	
22TS370	50 37	77	3360	76	40190	0.87	Full Load 161	155	140	70	56	C	40 29	3410	Current Reduced Load	131	126	114	57	46	78	0.82	E	0.343	108	
22TS400	54 40	83	3370	78	38760	0.87	Full Load 170	163	147	74	59	C	40 29	3450	Current Reduced Load	128	123	112	56	45	82	0.80	F	0.380	121	
22TS441	60 44.1	91	3410	80	38180	0.83	Full Load 192	184	167	83	67	D	50 37	3450	Current Reduced Load	159	153	138	69	55	83	0.81	E	0.431	133	
22TS480	65 48	100	3370	79	43970	0.88	Full Load 199	191	173	86	69	C	50 37	3450	Current Reduced Load	159	153	138	69	55	83	0.81	E	0.431	133	
22TS552	75 55.2	114	3410	83	39100	0.84	Full Load 229	220	198	99	79	D	60 44.1	3465	Current Reduced Load	185	178	161	81	64	85	0.81	F	0.495	150	
22TS570	77 57	118	3385	81	45970	0.88	Full Load 230	221	200	100	80	C	60 44.1	3465	Current Reduced Load	185	178	161	81	64	85	0.81	F	0.495	150	
22TS720	98 72	150	3385	81	58510	0.89	Full Load 288	277	250	125	100	C	75 55.2	3465	Current Reduced Load	229	220	199	100	80	85	0.82	F	0.596	174	
22TS920	125 92	192	3385	83	65160	0.89	Full Load 360	346	312	156	125	C	100 74	3460	Current Reduced Load	289	278	251	126	100	85	0.87	E	0.730	205	
22TSA80	147 108	227	3350	83	76630	0.86	Full Load 437	420	380	190	152	C	115 85	3430	Current Reduced Load	344	330	299	149	120	85	0.84	F	0.878	238	

6 LEADS**LOW VOLTAGE****12 LEADS****HIGH VOLTAGE**THESE MOTORS ARE MADE ONLY
ON SPECIFIC REQUESTIN ANY MOMENT AND WITHOUT NOTICE ELMO CAN CHANGE MANUFACTURING PROCESS, PERFORMANCE FEATURES.
INCLUSIVE OF THE HYDRAULIC LOSSES DUE TO THE ROTATION INTO OIL AT 45°C -
Motors with relative cables, to be used inside the oleodynamic power unit.