



ELMO S.r.l.

AT 22-52-62TS 60Hz/2110-01-1/2 U

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SUBMERSIBLE MOTORS FOR HYDRAULIC LIFTS
UNTEROELMOTOREN FÜR HYDRAULISCHE AUFZÜEGE
MOTORI IMMERSI PER ASCENSORI IDRAULICI



PERFORMANCE DATA SHEET (INPUT CURRENT VS VOLTAGE) 2 POLES 3 PHASE 60 Hz

LA ELMO S.r.l. SI RISERVA IL DIRITTO DI APPORTARE QUALSIASI VARIAZIONE SENZA ALCUN PRAEVVISIO. IN ANY MOMENT AND WITHOUT NOTICE ELMO CAN CHANGE MANUFACTURING PROCESS, PERFORMANCE FEATURES.

		Motors P/N = 62TS								Motors P/N = 52TS								Motors P/N = 22TS											
NOMINAL OUTPUT NENNLEISTUNG POTENZA NOMINALE RESA		HP	3	5	7.5	10	12.5	15	18	20	15	17.5	20	23.5	25	30	33	40	50	40	50	54	65	77	98	125	147	170	
		kW	2.2	3.6	5.5	7.3	9.2	11	13.2	15	11	13	15	17.5	18.5	22.1	24	29	37	29	37	40	48	57	72	92	108	125	
200 VOLT	NOMINAL CURRENT Nennstrom Corrente Nominale	A	11.8	17.3	26.4	33	42	51	61	68	52	60	66	75	80	94	101	120	154	127	161	170	199	230	288	360	Not available for this output		
	CURRENT (30PCPT TORQUE OVERLOAD) Laststrom (Nennleistung + 30%) Corrente (coppia 30% sup. alla Nominale)	A	14.5	22.1	34	42	53	63	76	87	66	76	81	94	101	117	127	156	193	168	208	223	262	297	377	471	Not available for this output		
	LOCKED ROTOR CURRENT AT DELTA STARTING Anzugsstrom bei Anlauf in Δ-Schaltung Corrente d'avviam. con collegamento Δ	A	44	64	85	122	152	196	228	246	193	225	248	311	322	391	391	437	563	449	543	596	706	872	1120	1403	Not available for this output		
208 VOLT	NOMINAL CURRENT Nennstrom Corrente Nominale	A	11.4	16.6	25.4	32	40	49	59	65	50	58	63	72	77	90	97	115	148	122	155	163	191	221	277	346	Not available for this output		
	CURRENT (30PCPT TORQUE OVERLOAD) Laststrom (Nennleistung + 30%) Corrente (coppia 30% sup. alla Nominale)	A	13.9	21.2	33	40	51	61	73	84	63	73	77	91	97	113	122	150	186	161	200	215	252	286	363	452	Not available for this output		
	LOCKED ROTOR CURRENT AT DELTA STARTING Anzugsstrom bei Anlauf in Δ-Schaltung Corrente d'avviam. con collegamento Δ	A	42	62	82	117	146	188	219	237	186	217	239	299	310	376	376	420	542	431	522	573	679	838	1077	1349	Not available for this output		
220 VOLT	NOMINAL CURRENT Nennstrom Corrente Nominale	A	10.7	15.7	24	30	38	46	56	62	47	55	60	68	72	85	92	109	140	116	146	154	181	209	262	327	Not available for this output		
	CURRENT (30PCPT TORQUE OVERLOAD) Laststrom (Nennleistung + 30%) Corrente (coppia 30% sup. alla Nominale)	A	13.2	20.1	31	38	48	57	69	79	60	69	73	86	92	107	115	142	176	152	189	203	238	270	343	428	Not available for this output		
	LOCKED ROTOR CURRENT AT DELTA STARTING Anzugsstrom bei Anlauf in Δ-Schaltung Corrente d'avviam. con collegamento Δ	A	40	59	77	111	138	178	207	224	176	205	226	282	293	355	355	397	512	408	493	542	642	792	1018	1275	Not available for this output		
230 VOLT	NOMINAL CURRENT Nennstrom Corrente Nominale	A	10.2	15	23	28.6	36	44	53	59	45	52	57	65	69	82	88	104	134	111	140	147	173	200	250	312	Not available for this output		
	CURRENT (30PCPT TORQUE OVERLOAD) Laststrom (Nennleistung + 30%) Corrente (coppia 30% sup. alla Nominale)	A	12.6	19.2	29.4	36	46	55	66	76	57	66	70	82	88	102	110	136	168	146	181	194	228	258	328	410	Not available for this output		
	LOCKED ROTOR CURRENT AT DELTA STARTING Anzugsstrom bei Anlauf in Δ-Schaltung Corrente d'avviam. con collegamento Δ	A	38	56	74	106	132	170	198	214	168	196	216	270	280	340	340	380	490	390	472	518	614	758	974	1220	Not available for this output		
240 VOLT	NOMINAL CURRENT Nennstrom Corrente Nominale	A	9.8	14.4	22	27.4	35	42	51	56	43	50	55	63	66	78	84	100	128	106	134	141	166	192	240	299	Not available for this output		
	CURRENT (30PCPT TORQUE OVERLOAD) Laststrom (Nennleistung + 30%) Corrente (coppia 30% sup. alla Nominale)	A	12.1	18.4	28.2	35	44	53	63	73	55	63	67	79	84	98	105	130	161	140	173	186	218	248	314	393	Not available for this output		
	LOCKED ROTOR CURRENT AT DELTA STARTING Anzugsstrom bei Anlauf in Δ-Schaltung Corrente d'avviam. con collegamento Δ	A	36	54	71	102	127	163	190	205	161	188	207	259	268	326	326	364	470	374	452	496	588	726	933	1169	Not available for this output		
380 VOLT	NOMINAL CURRENT Nennstrom Corrente Nominale	A	6.2	9.1	13.9	17.3	21.8	26.8	32	36	27.1	32	35	40	42	49	53	63	81	67	85	89	105	121	152	189	230	263	
	CURRENT (30PCPT TORQUE OVERLOAD) Laststrom (Nennleistung + 30%) Corrente (coppia 30% sup. alla Nominale)	A	7.6	11.6	17.8	22	27.7	33	40	46	35	40	42	50	53	62	67	82	102	88	110	117	138	156	198	248	303	343	
	LOCKED ROTOR CURRENT AT DELTA STARTING Anzugsstrom bei Anlauf in Δ-Schaltung Corrente d'avviam. con collegamento Δ	A	23	34	45	64	80	103	120	130	102	119	131	163	170	206	206	230	297	236	286	314	372	459	590	738	875	1115	

■ FOR MOTORS WORKING INTO HYDRAULIC OIL AT 45°C (WITHOUT FLYWHEEL)
UNTEROELMOTOR IN OEL 45°C (OHNE SCHWUNGMASSE)
CON MOTORE IMMERSO IN OLIO IDRAULICO A 45°C (SENZA VOLANO)