



ELMO S.r.l.

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

		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
440 VOLT	NOMINAL CURRENT Nennstrom Corrente Nominale	A	5.4	7.9	12	15	18.9	23.1	27.8	31	23.4	27.4	30	34	36	43	46	54	70	58	73	77	90	105	131	163	199	227
	CURRENT (30PCT TORQUE OVERLOAD) Laststrom (Nennleistung + 30%) Corrente (coppia 30% sup. alla Nominale)	A	6.6	10	15.4	19	23.9	28.6	35	40	30	35	37	43	46	53	57	71	88	76	95	101	119	135	171	214	261	296
	LOCKED ROTOR CURRENT AT DELTA STARTING Anzugsstrom bei Anlauf in Δ-Schaltung Corrente d'avviam. con collegamento Δ	A	19.9	29.3	39	55	69	89	104	112	88	102	113	141	146	178	178	199	256	204	247	271	321	396	509	638	756	963
460 VOLT	NOMINAL CURRENT Nennstrom Corrente Nominale	A	5.1	7.5	11.5	14.3	18	22.1	26.5	29.4	22.4	26.2	28.3	33	35	41	44	52	67	55	70	74	86	100	125	156	190	217
	CURRENT (30PCT TORQUE OVERLOAD) Laststrom (Nennleistung + 30%) Corrente (coppia 30% sup. alla Nominale)	A	6.3	9.6	14.7	18.2	22.9	27.4	33	38	28.6	33	35	41	44	51	55	68	84	73	90	97	114	129	164	205	250	283
	LOCKED ROTOR CURRENT AT DELTA STARTING Anzugsstrom bei Anlauf in Δ-Schaltung Corrente d'avviam. con collegamento Δ	A	19	28	37	53	66	85	99	107	84	98	108	135	140	170	170	190	245	195	236	259	307	379	487	610	723	921
480 VOLT	NOMINAL CURRENT Nennstrom Corrente Nominale	A	4.9	7.2	11	13.7	17.3	21.2	25.4	28.2	21.5	25.1	27.5	31	33	39	42	50	64	53	67	71	83	96	120	150	182	208
	CURRENT (30PCT TORQUE OVERLOAD) Laststrom (Nennleistung + 30%) Corrente (coppia 30% sup. alla Nominale)	A	6	9.2	14.1	17.4	21.9	26.3	32	36	27.4	32	34	39	42	49	53	65	80	70	87	93	109	124	157	196	240	271
	LOCKED ROTOR CURRENT AT DELTA STARTING Anzugsstrom bei Anlauf in Δ-Schaltung Corrente d'avviam. con collegamento Δ	A	18.2	26.8	35	51	63	81	95	103	80	94	104	129	134	163	163	182	235	187	226	248	294	363	467	585	693	883
575 VOLT	NOMINAL CURRENT Nennstrom Corrente Nominale	A	4.1	6	9.2	11.5	14.4	17.7	21.2	23.5	17.9	21	23	26.2	27.7	33	35	42	53	44	56	59	69	80	100	125	152	174
	CURRENT (30PCT TORQUE OVERLOAD) Laststrom (Nennleistung + 30%) Corrente (coppia 30% sup. alla Nominale)	A	5	7.7	11.8	14.6	18.3	21.9	26.4	30	22.9	26.4	28	33	35	41	44	54	67	58	72	78	91	103	131	164	200	226
	LOCKED ROTOR CURRENT AT DELTA STARTING Anzugsstrom bei Anlauf in Δ-Schaltung Corrente d'avviam. con collegamento Δ	A	15.2	22.4	30	42	53	68	79	86	67	78	86	108	112	136	136	152	196	156	189	207	246	303	390	488	578	737
600 VOLT	NOMINAL CURRENT Nennstrom Corrente Nominale	A	3.9	5.8	8.8	11	13.8	17	20.4	22.6	17.2	20.1	22	23.1	26.5	31	34	40	51	42	54	57	66	77	96	120	146	167
	CURRENT (30PCT TORQUE OVERLOAD) Laststrom (Nennleistung + 30%) Corrente (coppia 30% sup. alla Nominale)	A	4.8	7.4	11.3	14	17.6	21	25.3	29.1	21.9	25.3	26.8	31	34	39	42	52	64	56	69	74	87	99	126	157	192	217
	LOCKED ROTOR CURRENT AT DELTA STARTING Anzugsstrom bei Anlauf in Δ-Schaltung Corrente d'avviam. con collegamento Δ	A	14.6	21.5	28.4	41	51	65	76	82	64	75	83	104	107	130	130	146	188	150	181	199	235	291	373	468	554	706

■ 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)

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.