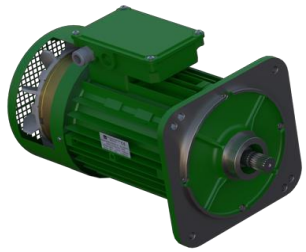

Трифазни асинхронни електродвигатвли тип CAT–240; 290; 360 за подемни механизми на електротелфери

Three-phase asynchronous electric motors type CAT–240; 290; 360 for hoisting drive mechanisms

ТЕХНИЧЕСКИ ДАННИ 400 V, 50 Hz **TECHNICAL DATA 400V. 50Hz** **TECHNISCHE DATEN**

Мощност Rated output Bemessungs-leistung		ТИП TYPE TYP	Честота на въртене SPEED Drehzahl	Ток CURRENT Strom	КПД Efficiency Wirkungs-grad	Фактор на мощноста Power factor Leistund-faktor	Пусков ток Starting current Anzugs-strom	момент Starting torque Anzugs-moment	Макс. Момент Max. torque Kipp-moment	Спирачен момент Breaking torque Brems-moment	Инерционен момент Moment of inertia Trägheits-moment	Маса Weight Gewicht
							При директно включване At direct switch on Bei direkten einschalten					
			n	In	h	cosφ	Is/In	Ms/Mn	Мм/Mn	Mbr	J	
kW	HP	-	min^{-1}	A	%	-	-			N.m	$kg.m^2$	Kg
1500 min^{-1} S4 - 40 % 240 h^{-1}												
2.5	4	CAT100LA-4 240	1410	5.4	79	0.82	5.6	2.2	2.6	30	0.00983	25
4	5.5	CAT112M-4 240	1420	9.1	82	0.83	6	2.7	2.9	40	0.0166	35.8
6	8	CAT132S-4 240	1430	13.8	85	0.83	6.2	2.6	3	70	0.03265	64
8.5	11.3	CAT132M-4 240, 290	1440	17	86	0.83	6.7	2.7	3	70	0.0519	66
										110	0.05623	70
10	13.3	CAT132MA-4 240, 290		18.1	88		6	2.9	3	70	0.05216	82
										110	0.05841	87
12	16	CAT160M-4 290	1460	25	88.4	0.84	2.2	7	2.3	150	0.05936	106
		CAT160M-4 360									0.05948	109
1500 min^{-1} S4 - 20/40 % 240 h^{-1}												
0.55 /1.5	0.75 / 2.0	CAT100LB-12/4 240	430 / 1410	5.0 / 4.0	26 / 66	0.65 / 0.82	1.2 / 1.2	1.8 / 1.92	2.0 / 2.4	30	0.01388	29
0.83 / 2.5	1.13 / 3.4	CAT112M-12/4 240	450 / 1400	6.5 / 6.0	33 / 70	0.54 / 0.85	1.3 / 1.3	1.8 / 1.9	2.1 / 2.5	40	0.0204	35.8
1.33 / 4.0	1.8 / 5.5	CAT132MA-12/4 240	460 / 1450	7.7 / 8.9	48 / 80	0.56 / 0.83	1.5 / 4.0	1.9 / 2.0	2.3 / 2.6	70	0.0519	65
1.66 / 5.0	2.3 / 6.8	CAT132MB-12/4 240/5	470 / 1450	9.1 / 11.0	49 / 81	0.57 / 0.84	1.6 / 5.0	1.9 / 2.1	2.3 / 2.6		0.0583	72
2.0 / 6.0	2.7 / 8.2	CAT132MB-12/4 240/6	440 /1400	окт.13	50 / 82	0.58 / 0.85	1.7 / 6.0	1.9 / 2.2	2.3 / 2.6			
2.7 / 8.5	3.3 / 11.3	CAT160M-12/4 290	480 / 1460	14 / 18	66 / 86	0.47 / 0.82	1.5 / 5.0	2.0 / 2.1	2.2 / 2.8	110	0.0586	109
4.0 / 12.0	5.5 / 16.0	CAT160L-12/4 290	470 / 1450	18 / 29	68 / 87	0.48 / 0.73	1.6 / 5.1	1.9 / 2.0	2.3 / 2.8	150	0.05885	140
		CAT160L12/4 360										