Dati tecnici

Freno in corrente alternata FE

A due polarità - avvolgimento unico - Dahlander

2-4 poli - 3.000-1.500 giri/min

Technical data

FE ac brake

With double polarity - single winding - Dahlander

2-4 poles - 3.000-1.500 rpm

Tipo motore *Motor type*	Potenza *Power*		Velocità *Speed*		Tipo freno *Brake type*	Coppia freno *Brake torque*	J	Rend. *Eff.*		Fattore di potenza cosφ *Power factor*		Corrente *In* (400 V)		Coppia nom. *Nominal torque*		Coppia di spunto *Starting torque*		Corrente di spunto *Starting current*		Coppia massima *Max torque*		Forma B3 *Mount B3* Peso *Weight*
	kW		giri/min *rpm*			Nm	kgm²	%		cosφ		A		Nm		Ca/Cn *Tst/Tn*		Ia/In *Ist/In*		Cmax/Cn *Tmax/Tn*		kg
	2p	4p	2p	4p				2p	4p	2p	4p	2p	4p	2p	4p	2p	4p	2p	4p	2p	4p	
CA71FE-a	0.3	0.22	2760	1350	70MD/MS	3.75÷9	0.00035	67	61	0.86	0.73	0.75	0.71	1.04	1.6	1.7	1.4	3.7	3	1.8	1.6	7.7
CA71FE-b	0.45	0.3	2790	1370	70MD/MS	3.75÷9	0.00052	69	61	0.86	0.73	1.10	0.97	1.54	2.1	1.8	1.7	4.6	3.2	2	1.7	9
CA80FE-a	0.55	0.45	2820	1380	MEC71MD/MS	6.8÷17	0.0012	69	69	0.86	0.75	1.34	1.26	1.86	3.1	2.2	1.7	5.1	3.2	2.4	1.8	11.4
CA80FE-b	0.75	0.6	2830	1410	MEC71MD/MS	6.8÷17	0.0017	71	67	0.86	0.75	1.8	1.7	2.53	4.1	2.6	1.8	6.3	3.6	2.9	2	13
CA90SFE	1.25	0.95	2830	1380	90MD/MS	26.9÷35	0.0022	72	68	0.86	0.82	2.9	2.5	4.22	6.6	2	1.5	5	3.3	2.2	1.7	18.9
CA90LFE	1.7	1.32	2840	1400	90MD/MS	26.9÷35	0.0028	73	70	0.86	0.83	3.9	3.3	5.72	9.0	2.1	1.6	5	3.4	2.3	1.8	21
CA100LFE-a	2.4	1.84	2840	1400	100MD/MS	30÷48	0.0057	73	76	0.86	0.84	5.5	4.2	8.07	12.6	1.9	1.7	4.7	4.6	2.1	1.8	30.5
***CA100LFE-a**	2.4	1.84	2840	1400	100DD/MS	60÷96	0.0057	73	76	0.86	0.84	5.5	4.2	8.07	12.6	1.9	1.7	4.7	4.6	2.1	1.8	33
CA100LFE-b	3.3	2.6	2850	1420	100MD/MS	30÷48	0.0078	74	78	0.86	0.85	7.5	5.7	11.1	17.5	2	1.8	5.2	4.8	2.2	1.9	32,5
***CA100LFE-b**	3.3	2.6	2850	1420	100DD/MS	60÷96	0.0078	74	78	0.86	0.85	7.5	5.7	11.1	17.5	2	1.8	5.2	4.8	2.2	1.9	35
CA112MTFE	4.5	4	2870	1420	100MD/MS	30÷48	0.0092	76	78.5	0.86	0.86	9.9	7.9	15	24.9	2	1.8	5.5	4.9	2.2	2	38
***CA112MTFE**	4.5	4	2870	1420	100DD/MS	60÷96	0.0092	76	78.5	0.86	0.86	9.9	7.9	15	24.9	2	1.8	5.5	4.9	2.2	2	40,7
CA132SFE	6	5	2870	1440	120MD/MS	49÷90	0.021	79	82	0.84	0.86	13.1	10.2	20	33.2	2	1.5	5.5	5.3	2.2	1.9	63,5
***CA132SFE**	6	5	2870	1440	120DD/MS	98÷180	0.021	79	82	0.84	0.86	13.1	10.2	20	33.2	2	1.5	5.5	5.3	2.2	1.9	67
CA132MFE	8	6.6	2875	1440	120MD/MS	49÷90	0.028	82	84	0.84	0.86	16.8	13.2	26.6	43.8	2	1.6	6.2	5.4	2.2	2	69
***CA132MFE**	8	6.6	2875	1440	120DD/MS	98÷180	0.028	82	84	0.84	0.86	16.8	13.2	26.6	43.8	2	1.6	6.2	5.4	2.2	2	73
CA160MTFE	11	9	2920	1450	140MD/MS	74÷130	0.039	84	84	0.85	0.82	22	18.5	36	58.0	2	1.6	7.3	5.8	2.3	2	89
***CA160MTFE**	11	9	2920	1450	140MD/MS	74÷130	0.039	84	84	0.85	0.82	22	18.5	36	58.0	2	1.6	7.3	5.8	2.3	2	90
CA160LFE	15	12	2920	1450	160MD/MS	60÷150	0.080	86	84	0.87	0.83	29	25	49.1	79.1	2.4	1.7	6.7	5.5	2.4	2	122
***CA160LFE**	15	12	2920	1450	160DD/MS	120÷300	0.080	86	84	0.87	0.83	29	25	49.1	79.1	2.4	1.7	6.7	5.5	2.4	2	128
CA180MTFE	18.5	15	2930	1460	180MD/MS	208÷250	0.098	87	87	0.87	0.83	35	30	60.3	98.1	2.3	2.2	7.3	5.4	2.7	2.2	145
***CA180MTFE**	18.5	15	2930	1460	180DD/MS	416÷500	0.098	87	87	0.87	0.83	35	30	60.3	98.1	2.3	2.2	7.3	5.4	2.7	2.2	159
CA180LTFE	22	18.5	2940	1460	180MD/MS	208÷250	0.124	87	89	0.87	0.83	42	36	71.5	121	2.5	2.3	7.5	5.5	2.8	2.3	163
***CA180LTFE**	22	18.5	2940	1460	180DD/MS	416÷500	0.124	87	89	0.87	0.83	42	36	71.5	121	2.5	2.3	7.5	5.5	2.8	2.3	177
CA200LTFE	30	22	2940	1460	180DD/MS	416÷500	0.180	87	89	0.89	0.87	56	41	97.5	144	2.6	2	7.9	6.7	2.4	2.1	219
CA225STFE	37	30	2945	1460	200DD/MS	400÷600	0.345	88	89	0.89	0.87	68	56	120	196	2.2	2.2	8.3	6.3	2.5	2.2	275
CA225MTFE	45	37	2945	1470	200DD/MS	400÷600	0.419	88	90	0.89	0.87	83	68	146	240	2.2	2.3	8.3	6.3	2.5	2.2	305
CA250MTFE	55	45	2950	1470	200DD/MS	400÷600	0.541	89	89	0.90	0.87	99	84	178	292	2.3	2.3	8.3	6.4	2.5	2.1	395
CA280STFE	66	55	2960	1480	200DD/MS	400÷600	1.10	89	91	0.90	0.88	119	99	213	355	2.3	2.3	8.4	6	2.4	2.2	470
***CA280STFE**	66	55	2960	1480	200DDD/MS	450÷700	1.10	89	91	0.90	0.88	119	99	213	355	2.3	2.3	8.4	6	2.4	2.2	485
CA280MTFE	85	70	2960	1480	200DD/MS	400÷600	1.43	90	92	0.90	0.89	152	124	274	452	2.2	2.2	8.2	6	2.4	2.1	595
***CA280MTFE**	85	70	2960	1480	200DDD/MS	450÷700	1.43	90	92	0.90	0.89	152	124	274	452	2.2	2.2	8.2	6	2.4	2.1	470
CA 280MT FE	85	70	2960	1480	200 DD/MS	400÷600	1.43	90	92	0.90	0.89	152	124	274	452	2.2	2.2	8.2	6	2.4	2.1	595
***CA 280MT FE**	85	70	2960	1480	200 DDD/MS	450÷700	1.43	90	92	0.90	0.89	152	124	274	452	2.2	2.2	8.2	6	2.4	2.1	470

*Coppia frenante maggiorata a richiesta.
Per impianti di sollevamento si suggerisce l'utilizzo dei freni a doppio disco (DD)

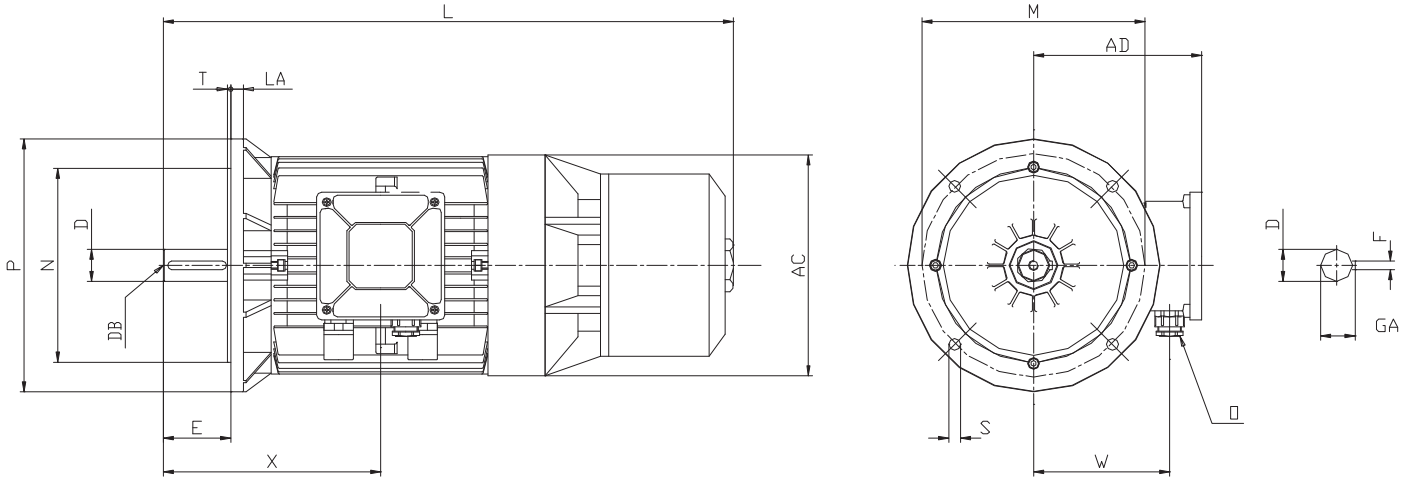
**Motor with increased braking torque on request.*
For lifting equipment it is advisable to use the double disk brake (DD)

Dimensioni ingombro motori autofrenanti FE

FE brake motors overall dimensions

Forma B5 - Grandezza 160÷200T
Forma V1 - Grandezza 160÷200T
Motori autoventilati (IC 411)

Mounting B5 - Frame size 160÷200T
Mounting V1 - Frame size 160÷200T
Self-ventilated motors (IC 411)



Tipo *Type*	Dimensioni / *Dimensions*									
	D	E	L	S	M	N	P	T	AC	LA
FCA 160M FE	42k6	110	860	N.4x18	300	250h6	350	5	320	15
FCA 160L FE	42k6	110	860	N.4x18	300	250h6	350	5	320	15
FCA 180MT FE	48k6	110	895	N.4x18	300	250h6	350	5	320	15
FCA 180LT FE	48k6	110	895	N.4x18	300	250h6	350	5	320	15
FCA 200LT FE	55m6	110	960	N.4x18	350	300h6	400	5	350	15

Tipo *Type*	Dimensioni / *Dimensions*						
	AD	X	W	F	GA	O	DB
FCA 160M FE	245	345	195	12	45	M40x1.5	M16x2
FCA 160L FE	245	345	195	12	45	M40x1.5	M16x2
FCA 180MT FE	245	370	195	14	51.5	M40x1.5	M16x2
FCA 180LT FE	245	370	195	14	51.5	M40x1.5	M16x2
FCA 200LT FE	275	400	215	16	59	M40x1.5	M20x2.5