

Electromagnetic brakes

Product Introduction

Electromagnetic brakes consist of permanent magnets that induce currents in a rotating copper disk; the resulting eddy currents interact with the magnetic flux to generate Lorentz forces, which in turn generate braking torque. Electromagnetic brakes are an ideal automated actuator in modern industry, and they mainly play a role in transmitting power and controlling motion in mechanical transmission systems.

Product Features

Simple structure, small size, light weight, small working current, safe and reliable, small maintenance, easy adjustment, working frequency and service life are significantly improved, and energy consumption is significantly reduced.



Basic Parameter

Motor		Brake												
		Frame No.	40%ED Output Kw	No. of Pole	Type	MAX Braking Torque kg-m	Coil Standard				Electro-magnet Code No	Lining Code No.	Drum Code No	Control Box Code No.
Input DC 100V							Input DC 200V		Starting Current	Holding Current				
132M	2.2,3,7	6	TB-AN13	5,6,7	6.9	1	14.5	3.4			0.51	58.1	MC-70N	ML-132C
160M	5.5,7.5	6	TB-AN160	10,14	10.7	1.6	9.3	5.4	0.81	37.1	MC-90N	ML-160C	D200-100	TCB-160
160L	11	6	TR-AN160	21,2	10.7	1.6	9.3	5.4	0.81	37.1	MC-90N	MI-160C	D200-100	TCB-160
180L	15	6	TB-AN180	30	9.4	1.4	10.E	4.7	0.7	42.6	MC-100N	ML-180C	D250-125	TCB-180
200L	22	6	TB-AN200	40	15.8	2.4	6.3	7.9	1.2	25.2	MC-110N	ML-200C	D250-125	TCB-200
225M	30	6	TB-AN225	53	15.8	2.4	6.3	7.9	1.2	25.2	MC-120N	ML-225C	D315-160	TCB-225
250M	37.45	6	TB-AN250	63,80	14.7	2.2	6.8	7.4	1.1	27.1	MC-130N	ML-250C	D355-180	TCB-250
280M	55	8	TB-AN280	132	23.5	3.5	4.2	11.8	1.8	17	MC-140N	ML-280C	D400-200	TCB-280
315M	75,90	8	TB-AN315	180	25.6	3.8	3.9	12.7	1.9	15.7	MC-160N	ML-3150	D450-224	TCB-315
355L	110,132	10	TB-AN355	335	37	5.6	2.7	18.3	2.7	10.9	MC-170N	ML-355C	D500-250	TCB-355
400L	160,200	10	TB-AN400	400,475	33.3	5	3	16.7	2.5	12	MC-180N	ML-4000	D560-280	TCB-400
527L	250,300	12	TB-AN527	900	34.7	5.2	2.9	17.4	2.6	11.5	MC-190N	ML-527D	D762-362	TCB-527
527B2	600	12	TB-AN527B2	1,500				122.2	16.7	1.8	MC-200N	ML-527D	D762-362	TCB2-527B2