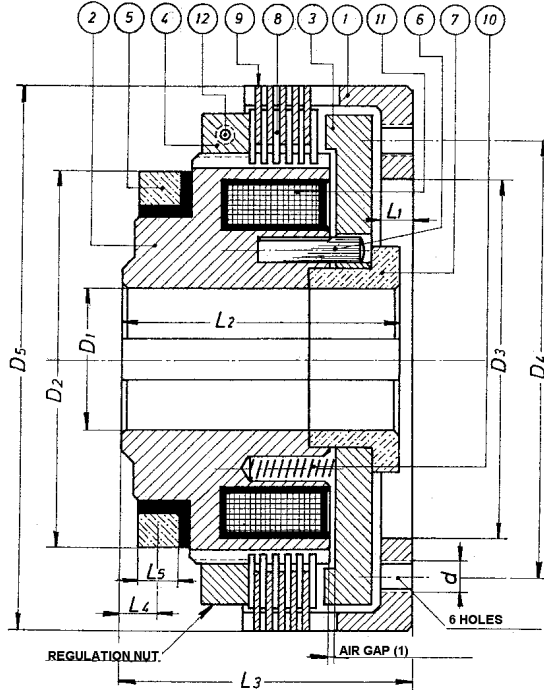




“EMA” AND “EMS” SERIES ELECTROMAGNETIC CLUTCHES SUITABLE FOR BOTH DRY AND OILED ENVIROMENTS – WITHOUT T FLANGE -



SPARE PARTS IDENTIFICATION	
1:	SLEEVE
2:	INDUCTOR
3:	ARMATURE
4:	REGULATION NUT
5:	SLIP RING
6:	BOLT
7:	BUSHING
8:	INSIDE DISC
9:	OUTSIDE DISC
10:	SPRING
11:	COIL
12:	LOCKING SCREW

- Working voltage: 24V
- Connect the positive voltage to the feeder brush on the slip ring.
- Connect the negative voltage to ground
- Once the clutch has been put on the shaft, the bushing (7) must be axially pressed against the inductor (2).
- Clutches requiring a different voltage can be produced.

EMA: Name used for clutches running in oiled environments.

EMS: Name used for clutches running in dry environments.

(1) The air gap is measured when the mechanism is clutched

Size	Power (Kw) to 1 r.p.m	Torque (Nm)	maximum speed rpm	Consumption (W)	Air gap	DIAMETER						LENGTHS				
						Max D1	D2	H7 D3	D4	D5	d	L1	L2	L3	L4	L5
EMA 2,5	0.002576	24.52	4000	21	0.3	28	73	70	85	106	M.6	6	53	56	7	8
EMA 5	0.0005	49.05	3400	25	0.3	30	70	85	100	124	M.6	7	62	67	6	8
EMA 10	0.001	98.01	3700	28	0.4	40	88	110	128	154	M.8	8	68	73	6	9
EMA 16	0.00164	156.96	2400	30	0.4	45	95	128	140	170	M.8	8	73	77	7	9
EMA 25	0.0025	245.25	2200	40	0.5	50	100	140	160	190	M.8	10	80	87	7	11
EMA 40	0.0041	392.4	2000	50	0.5	58	116	150	175	212	M.10	11	85	92	9	12
EMA 65	0.0066	637.65	1700	57	0.6	68	130	180	210	254	M12	12	100	106	9	13
EMA 110	0.011	1079.1	1600	66	0.7	75	145	200	230	280	M14	14	110	118	10	14
EMA 160	0.016	1569.6	1300	75	0.7	90	170	225	265	324	M.14	16	125	135	11	15
EMA 250	0.022	2452.5	1000	85	0.8	100	196	270	310	370	M14	18	140	149	12	16