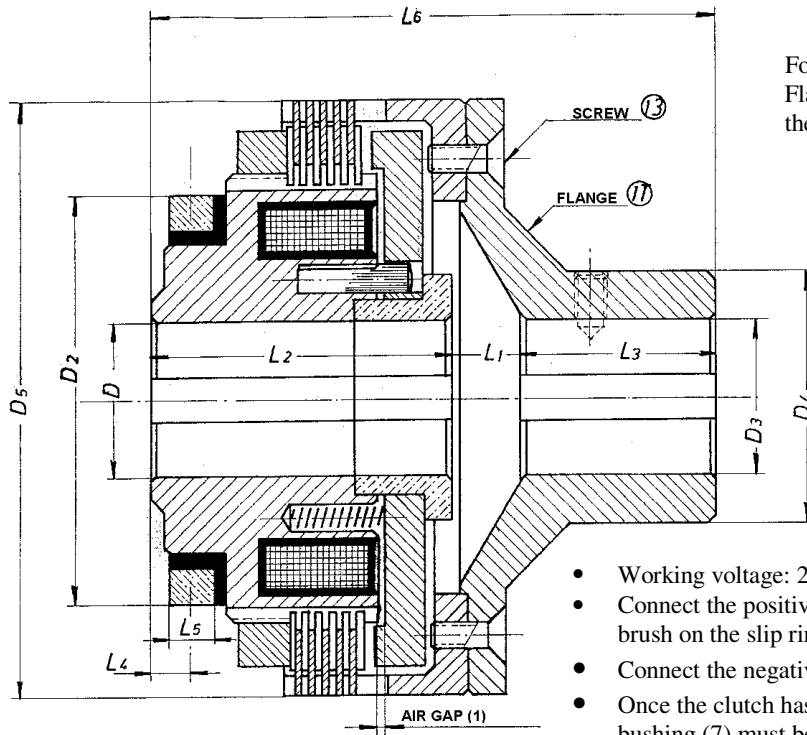




“EMA” AND “EMS” SERIES ELECTROMAGNETIC CLUTCHES SUITABLE FOR BOTH DRY AND OILED ENVIROMENTS –WITH T FLANGE -



For spare parts see the mechanism without T Flange. Two more pieces have been added, the screw (13) and the flange (11).

- 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)	maximu m speed rpm	Consum pton (W)	Air gap	DIAMETER					LENGTHS					
						Max D1	D2	Max D3	D4	D5	L1	L2	L3	L4	L5	L6
EMA 2,5	0.002576	24.52	4000	21	0.3	28	73	28	45	106	13	53	35	7	8	101
EMA 5	0.0005	49.05	3400	25	0.3	30	70	30	50	124	14	62	40	6	8	116
EMA 10	0.001	98.01	3700	28	0.4	40	88	40	65	154	15	68	55	6	9	138
EMA 16	0.00164	156.96	2400	30	0.4	45	95	45	75	170	17	73	60	7	9	150
EMA 25	0.0025	245.25	2200	40	0.5	50	100	50	80	190	20	80	70	7	11	170
EMA 40	0.0041	392.4	2000	50	0.5	58	116	60	100	212	23	85	80	9	12	188
EMA 65	0.0066	637.65	1700	57	0.6	68	130	70	110	254	25	100	90	9	13	215
EMA 110	0.011	1079.1	1600	66	0.7	75	145	80	125	280	30	110	105	10	14	245
EMA 160	0.016	1569.6	1300	75	0.7	90	170	90	145	324	30	125	115	11	15	270
EMA 250	0.022	2452.5	1000	85	0.8	100	196	100	165	370	35	140	125	12	16	300