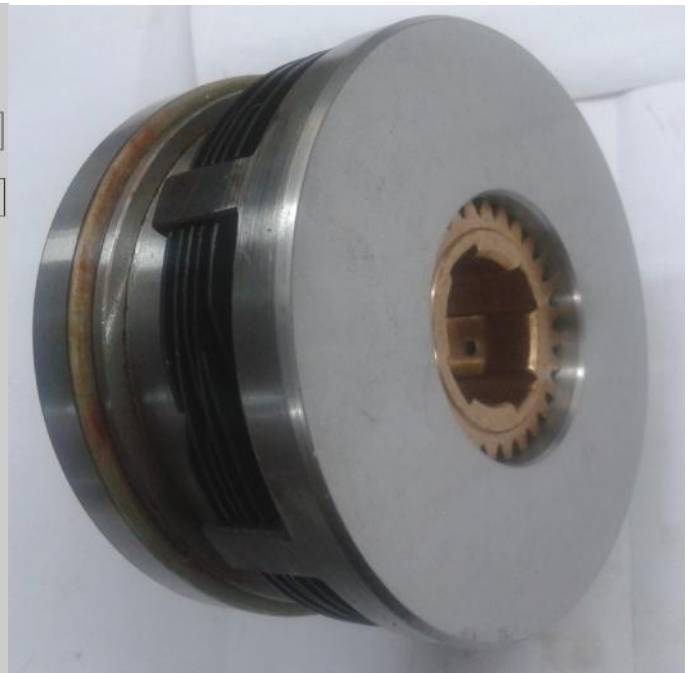
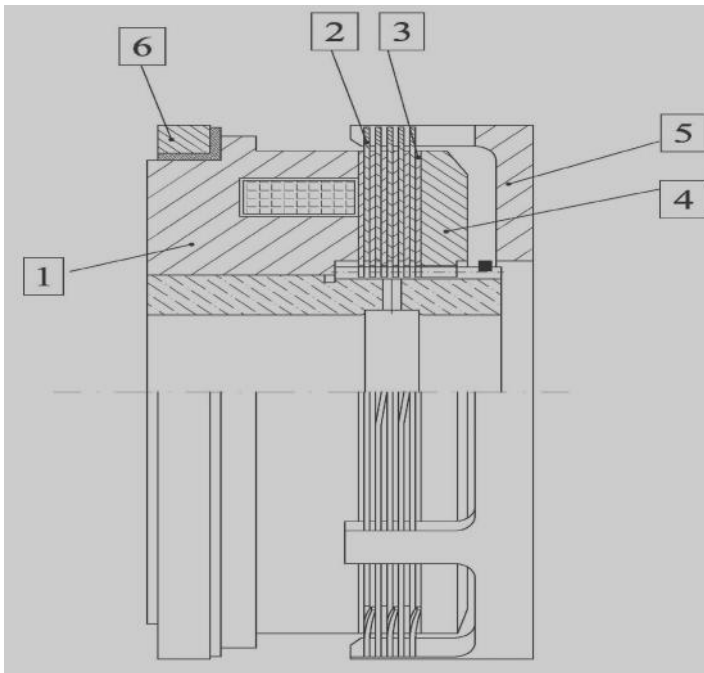


Size				11	12	15	21	22	24	26	28
Torque	dyn	Ms	(Nm)	10	25	60	120	250	480	600	960
	stat	Mu		20	40	100	200	400	800	1100	1600
Max.Speed			(min <sup>-1</sup> )	3000	3000	3000	2400	2000	2000	2000	2000
DC Voltage			(V)	24 V DC							
Power Consumption			(W)	17	18	23	30	45	66	79	88
Number of plates	Inner Plates			4	5	6	6	6	7	7	7
	Outer Plates			3	4	5	5	5	6	6	6
Weights			(kg)	1.2	1.5	2.6	4.5	7.8	13.7	23	26.5
Moment of inertia	Magnet Side			1.0	1.2	3.2	7.4	20.5	48	67	117
	Armature Side			0.3	0.5	1.6	3	7	4.5	36	50
Bores	min			14	15	20	25	30	35	50	50
	Ød <sup>H7</sup>			(mm)							
Keyway to BS 4235	Max			18	22	32	40	50	60	68	75
	Ø D			82	95	114	134	166	195	210	240
Dimensions (mm)	Ø d <sub>5</sub> <sup>H7</sup>			34	45	51	61	75	90	96	112
	L			38	46	55	61.5	71	85	90	90
	l <sub>-0.1</sub>			33	41	49	56	64	76	80	80
	l <sub>1</sub>			18	26	29	32	39	43	40	42
	l <sub>2</sub>			10	10	14	10	18	20	20	20
	l <sub>3</sub>			6	6	6	7	7	7	8.5	8.5
	l <sub>4</sub>			8	8	8	10	10	10	10	10
	l <sub>5</sub>			5	5	6	6	8	9	12	10

\* Special Voltage Clutches available on request.

\* Keyways BS 4235, DIN 6885

\* Technical Alteration reserved.



**CONSTRUCTION**

- |                  |                    |               |
|------------------|--------------------|---------------|
| (1) Coil Housing | (3) Inner Plate    | (5) Carrier   |
| (2) Outer Plate  | (4) Armature Plate | (6) Slip Ring |

**OPERATION**

The Coil Housing (1) has Gear Bush which supports the inner plate (3) and the armature plate (4). The Gear bush is bored has a keyway and is pressed directly on to the driving shaft together with the coil housing. Carrier (5) supports the outer plate (2) and is bolted to the item of machinery with which it must rotate. Energization of the coil Housing through the Slip Ring (6) by telescopic Brush (refer page 37 for brush details) generates a magnetic field which attracts the sliding armature plate (4). The Clutch Plates (3&4) Compressed and driving torque is transmitted. To release the Clutch all that is necessary is to switch off the power supply.

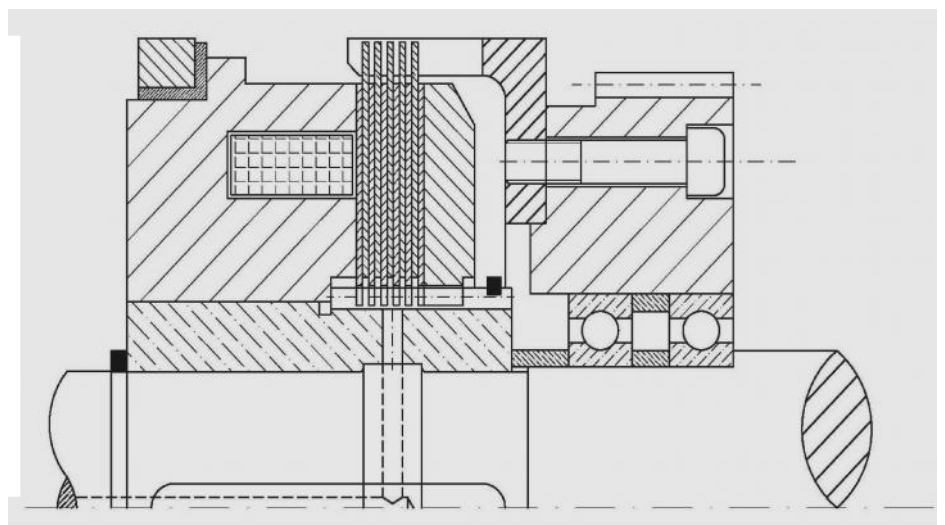
**APPLICATION**

Engagement or disengagement while running or while at rest. Operation in lubrication environment only.  
Friction of Steel to Steel Plates.

**EXAMPLE OF INSTALLATION**

The Basic Version of Clutch with gear teeth for Torque transmission between shaft and gear wheel.

The Clutch should be fitted with the Coil Housing Body on the driving side. The Carrier must be provided with a means of axial retention so as not to be affecting the armature air gap. Carrier must be carefully centered. Carrier (5) is supplied with pilot bore. Required Mounting hole and finish bore can be made by the user.



**ORDER EXAMPLE.**

Electromagnetic Multidisc Slip Ring Wet Run Clutch  
TYPE : 24.502.15.4 - 24 V.d.c  
Bore d = 30mm / Keyway to DIN 6885