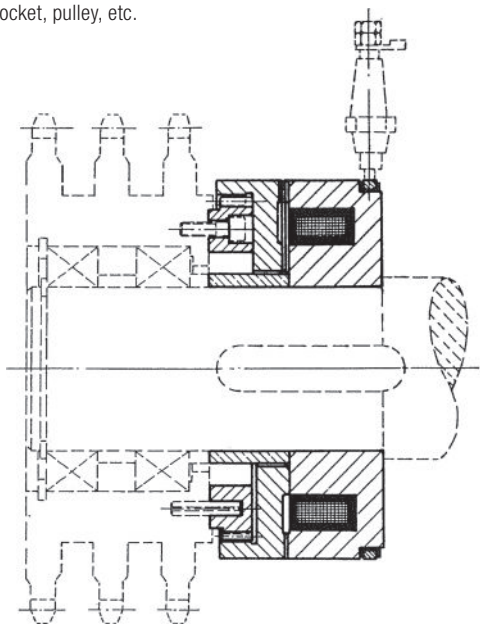


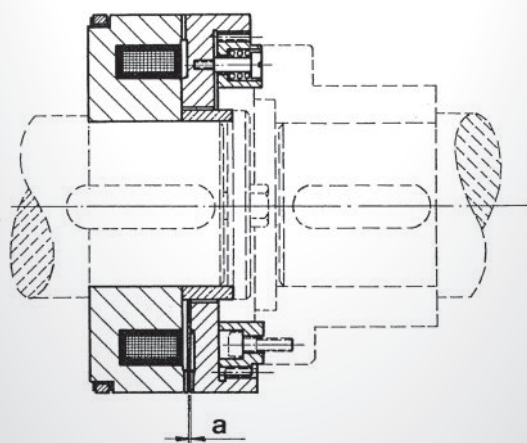
ELECTROMAGNETIC SLIPRING

ASSEMBLY EXAMPLES

Fitted to a single shaft,
transmission from shaft
to sprocket, pulley, etc.



Fitted joining two
independent shafts



TOOTHED CLUTCHES

Type ECD

Description

Electromagnetic clutch teeth ECD type slip rings are used for transmitting large inertia so that a positive and a quick disconnect coupling, without withholding or response delays.

The permissible diameters are adequate for large shafts, such as those used for machines transmitting large amounts of energy.

Applications

For all sorts of machines **transmitting large rotational energy at low speeds**: Tool machines, textile machinery, steel foundry machinery, mining and extraction industries. Chemical industries, jigsaw cutters, laminators, rotating presses, etc.

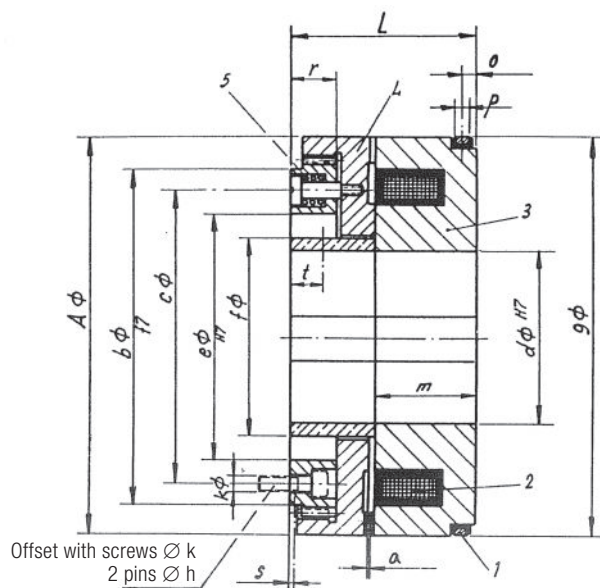
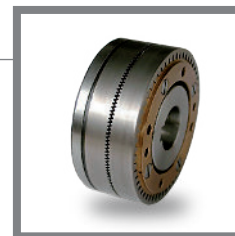
Supply voltage

24 V DC.

The connection is via a collector ring for which our brush holders type A, B or E can be used.

**Only connectable at a very low speed
or stationary**

ELECTROMAGNETIC SLIPRING
TOOTHED CLUTCHES
Type ECD



Technical specifications

Size	Torque (Nm)	Consumption (watts)	Max rpm clutched	Inductor GD^2 (Kpm ²)	Induced GD^2 (Kpm ²)	Weight (kg)
5	100	24	4500	0,0045	0,0024	1,5
10	200	28	4000	0,009	0,0055	2,3
20	400	42	3500	0,021	0,011	4,-
40	650	56	3000	0,045	0,027	6,2
80	1200	69	2500	0,162	0,10	13,8
160	2400	87	2000	0,33	0,22	20
320	4800	120	1500	1,29	0,78	45
500	8000	150	1300	1,48	0,93	64

Dimensions

Size	A	b	e	d min	d max	c	f	g	h	k	L	m	o	p	r	s	t	a
5	90	75	53	10	40	64	49	90	5	4xM5	40	23,5	5,5	6	9	2	7	0,4
10	105	85	64	14	45	75	57	105	5	4xM5	45	26	5,5	6	10,5	2	8	0,4
20	125	100	70	20	50	85	64	125	6	4xM6	55	30	6,5	8	15	2	10	0,5
40	140	115	85	25	60	100	74	140	10	6xM6	67	39	7,5	10	17	2,5	12	0,6
80	180	145	100	30	75	122	90	180	12	6xM8	83	48	7,5	10	19	3	16	0,7
160	215	180	130	40	95	155	113	215	12	6xM10	100	58	7,5	10	25,5	4	20	0,9
320	270	225	157	60	120	182	140	270	14	8xM12	125	69	8,5	10	33	4	25	1,-
500	330	280	195	75	145	240	175	330	15	8xM14	150	77	9	12	44	5	33	1,1