

EKE / EDE

MULTI-DISC CLUTCH

EKE/EDE electromagnetic multi-disc clutches designed on the principle of “several friction faces equals higher torque”. Suitable for dry and wet running applications and available with one or two slip rings as well as other principles of electrical connection.

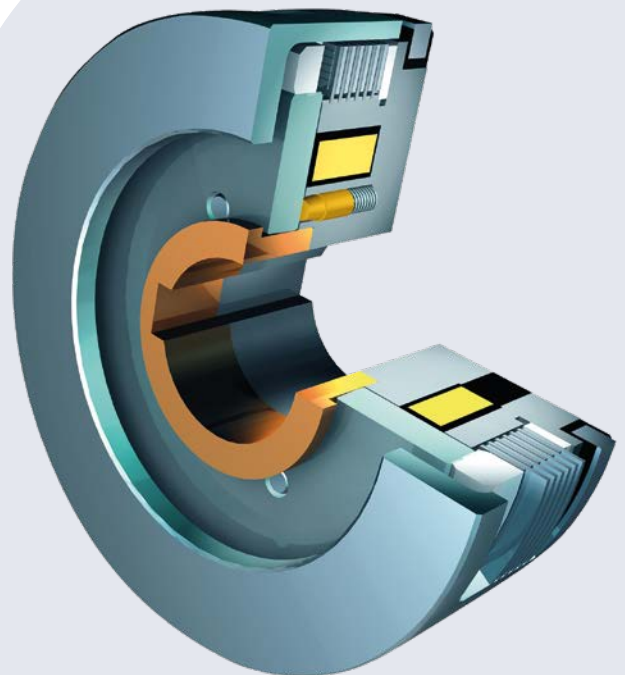
Max. Speed	3000 – 750 rpm
Diameter	100 – 560 mm
Static Torque	14 – 11000 Nm

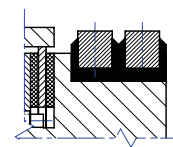
FEATURES

- Braking torque 12.5 – 10,000 Nm (higher on request)
- Wet or dry running possible with suitable friction disc combinations
- Outer diameter 100 – 560 mm
- Small dimensions
- High torques and work capacity
- Free from axial forces
- With or without slip ring(s)
- Maintenance free or low maintenance, simple handling
- Multiple friction faces
- Low residual torque in open condition
- Slight gear backlash in the discs

MARKETS

- Bridge and Dam
- Crane and Hoist
- Farm and Agriculture
- Metals
- Gear Manufacturers
- General Machinery
- Mining and Conveyors





Size			1	2	4	6	10	16	25	41	64	100	1000
Disc pairing steel/sintered bronze/wet running torque	TÜ	Nm	20	40	63	100	160	250	400	630	1000	1600	16000
Disc pairing steel/sintered bronze/dry running torque	TÜ	Nm	14	27,5	44	70	110	175	280	440	700	1100	11000
Speed	max.	rpm	3000	3000	30000	3000	3000	2500	2200	2000	1750	1600	750
Weight	EKE	kg	2	2,6	3,2	4	5,5	7,8	11	15	21	32	300
	EDE	kg	2,6	3,5	4,1	5	6,8	9,6	13	18	25	38	335
coil voltage			24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V
Diameter	mm	A H7	22	28	32	35	42	48	52	60	70	80	160
		B	100	110	120	132	145	160	180	200	230	255	530
		C H7	70	70	80	90	100	110	120	140	160	200	400
		D	100	110	120	132	147	162	182	202	235	270	560
Lengths	mm	l	45	48	52	55	58	62	68	76	86	100	200

Hansastraße 120

+49 2303 102-0

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