DRIVE TECHNOLOGY

INDIVIDUAL PRODUCT SOLUTION

Please contact us for your individual brake.

Made in Germany

Precision as passion

Certified management systems ISO 9001 and ISO 14001

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PRECIMA MAGNETTECHNIK GMBH

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EN



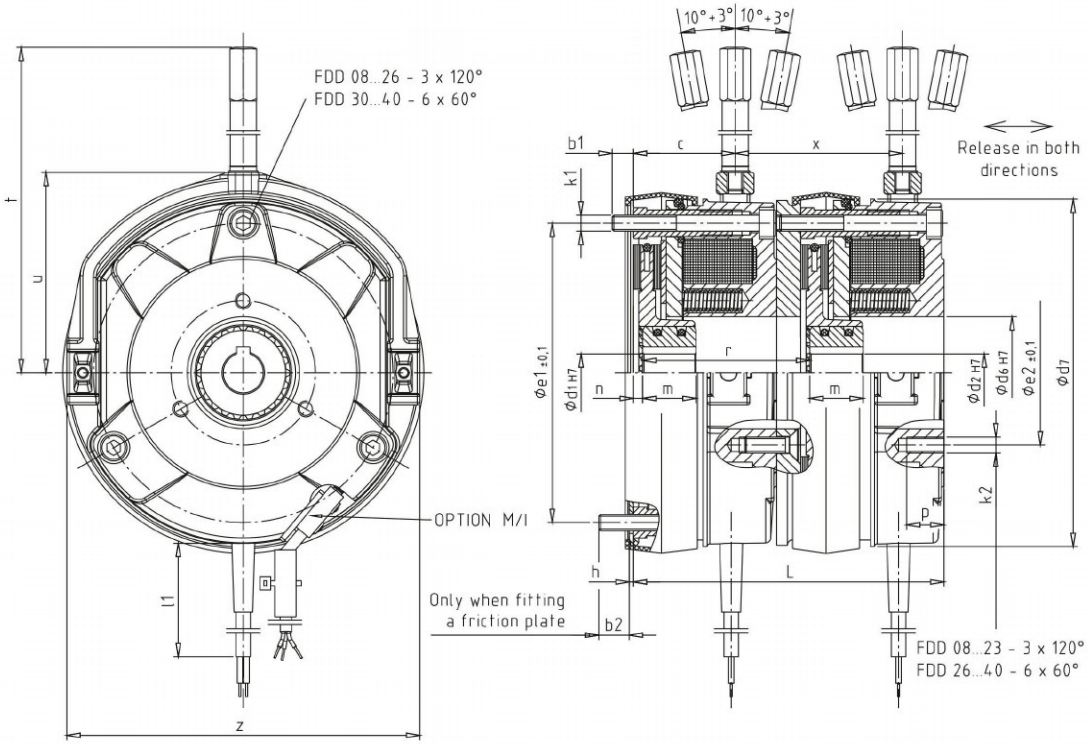
FDD
Spring-applied brake

PRECIMA MAGNETTECHNIK GMBH

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FACTS

OPTIONS



- Redundant system
- Holding brake
- Fail-safe principle with emergency stop function
- Noise optimized
- Threaded holes for encoder attachment (tachobores)
- Protection class IP 54 when covered by a motor fan cover
- Reliable in continuous operation
- Ambient temperature -20°C up to +40°C

- Friction plate (Size 08 up to 26)
- Mounting flange
- Microswitch (function control)
- Inductive sensor (function control)
- Customized solutions on request



Size	Nominal braking torque MbN [Nm]	P [W] @ 20°C	b1	b2	ød1 H7 / ød2 H7	ød6	ød7	øe1 (±0,1)	øe2 (±0,1)	h	k1	k2	L	l1	m	n	p	r	t	u	x	z
08	2x3,5 / 2x6	22	6	9,5	11 / 12 / 15*	26	85	72	34	1,5	3xM4	3xM4	82,6	800	18	1,5	8	44,3	110	55	46,3	89
10	2x7 / 2x12,5	28	7	10,5	11 / 12	32	105	90	40	1,5	3xM5	3xM5	102,4		20	2,5	10	54,5	120	65	54,5	111
13	2x14 / 2x25	34	9	12	15 / 20	42	130	112	54	1,5	3xM6	3xM6	115,2		20	3,5	12	62	160	75	62,5	132
15	2x28 / 2x50	45	9	12,5	20 / 25	52	150	132	65	1,5	3xM6	3xM6	129,6		25	3	12	69	200	85	68	151
17	2x42 / 2x75	55	11	14	25 / 30 / 35*	62	170	145	75	2	3xM8	3xM8	150,6		30	3	15	81	220	97	81	172
20	2x70 / 2x125	85	11	14	30 / 35 / 40	72	195	170	85	2	3xM8	3xM8	171,8	1000	30	3	15	91	220	116	91	196
23	2x107 / 2x187	76	11	19	35 / 40 / 45	80	225	196	95	2	3xM8	3xM8	190,6		35	4,5	15	101	250	128	101	224
26	2x150 / 2x300	105	11	19	40 / 45 / 50	90	258	230	110	2	3xM10	3xM10	208,8		40	4	25	110	330	148	109,6	258
30	2x250 / 2x500	140	19	17	50 / 55 / 60	115	306	278	138	12,5***	6xM10	6xM10	220		50	4	25	115,5	357	175	115,5	304
40**	2x800 / 2x1200	144	22	-	65 / 70 / 75 / 80*	150	400	360	180	18***	6xM12	6xM12	259,2		70	4	43	138,5	415	230	138,5	403

Errors and changes reserved
Dimensions in mm, standard keyway according to DIN 6885/1 - JS9
* Keyway according to DIN 6885/3 - JS9
** Only with fast acting rectifier (overexcitation)
*** No version with friction plate; screw-in groove or thickness for version with flange

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Spring-applied brake