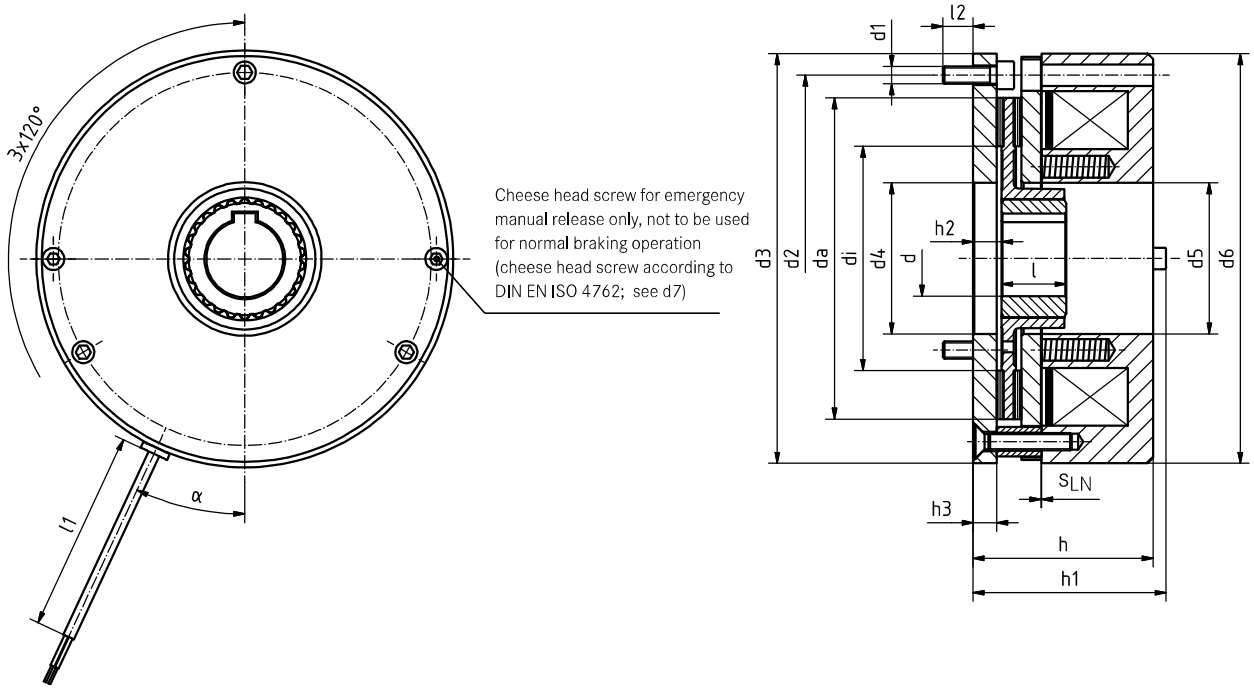
Spring-applied brake BFK457-06...16

Compact design, fully assembled with rotor and flange



Size	M_K [Nm]	M_{Kmax} [Nm]	P_N (1) [W]	b	d^{J7} spec. (2)	d^{H7} standard (3)	d1	d2	d3	d4	d5	d6	d7	d11	da	di
06	4	6	20	90	10	11/12/14/15	3xM4	72	84	31	31	84	M4x30	8	60	40
08	8	12	25	108	10	11/12/14/15/20	3xM5	90	102	42	41.5	102	M5x35	8	77	57
10	16	23	30	137	10	15/20	3xM6	112	130	44	44	130	M5x40	10	95	66
12	32	46	40	157	14	20/25	3XM6	132	150	52	52	150	M5x45	10	115	70
14	60	95	50	174	14	20/25/30	3XM8	145	165	55	60	165	M6x55	12	124	80
16	80	125	55	203	15	25/30/35/38(4)	3xM8	170	190	70	70	190	M6x60	12	149	104

Size	M_K	Max. speed n_{max}	Max. permissible friction work per switching cycle Q_E	Transition operating frequency S_{hue}	Operating times [ms] with standard rated torque and $s_{LN\ Nenn}$ DC switching			Release	Moment of inertia of rotor
	[Nm]	[r/min]	[J]	[h^{-1}]	t_{11}	t_{12}	t_1	t_2	[$kgcm^2$]
06	4	6000	3000	79	29	19	48	37	0.13
08	8	5000	7500	50	60	35	95	42	0.45
10	16	4000	12000	40	35	60	95	100	2.00
12	32	3600	24000	30	45	53	98	135	4.50
14	60	3600	30000	28	50	57	107	240	6.30
16	80	3600	36000	27	71	50	121	275	15.00