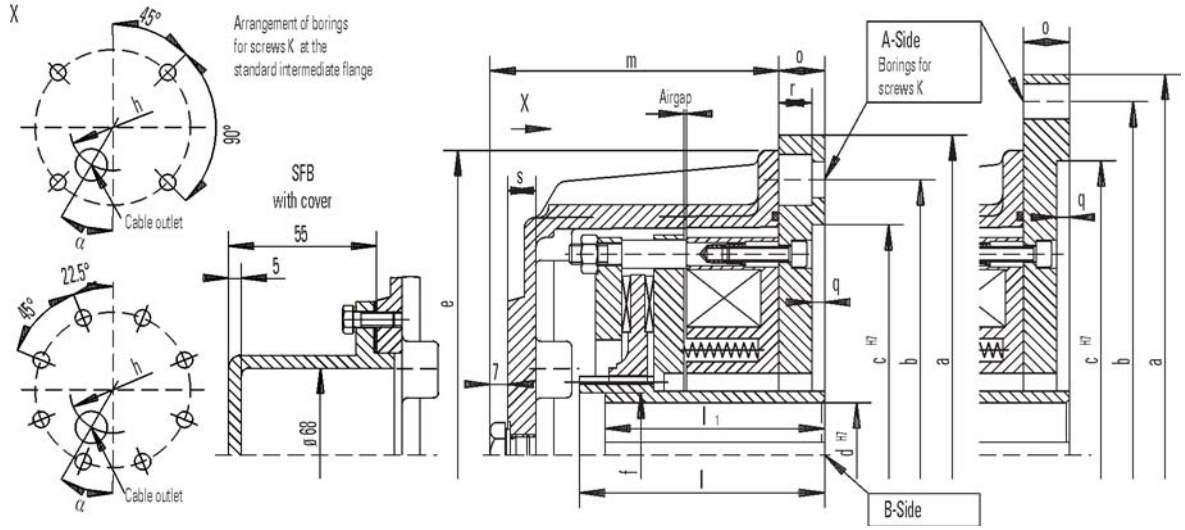
Spring Set Brake SFB

Electromagnetic Two Disc, Spring Set Brake

PINTSCH BUBENZER

Rev. 05-08



Brake size				SFB 400	SFB 630	SFB 1000
Brake torque M2 dynamic acc. to DIN VDE 0580			Nm	4000	6300	10000
				3350	5250	8500
				2650	4200	7000
Mass moment of inertia			kgm ²	0.325	0.375	1.007
Mass (weight)			kg	357	500	750
max. speed			min⁻¹	2500	2200	2000
Coil b. 20° C	Nominal voltage		V DC	110	110	110
	Nominal power		W	553	671	980
	Nominal current		A	5.03	6.10	8.91
Air gap, brake OFF			min. mm	0.4	0.7	0.7
			max. mm	2.5	2.8	3.1
Diameter mm	B-Side	d Rough boring		46	58	68
		d H7 Preferential boring		65	100	125
				70		
				75		
				80		
				90		
		d H7 maximal		110	125	140
Lenght mm	e			660	700	795
	f			128	140	155
	h			520	570	620
	l			191	237	282
	l 1			171	210	255
	m			272	310	360
	s			15	15	15
∢	α °			30	30	30
Suitable standard intermediate flange				A660-1	A800	A800-1
				A800		
				Dimensions of standard intermediate flange		
Standard intermediate flange				A660-1	A800	A800-1
Diameter mm	a			600	800	800
	b			600	740	740
	c H7			550	680	680
Lenght mm	o			30	30	30
	q			7	7	7
	r			21.5		21.5
Screws	k			8xM20	8xM20	8xM20

Keyways for keys acc. to DIN6885 Bl.1, width accuracy P9. Protection IP67

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