E710 VAR 00

Electro-Magnetic Toothed Brake

Characteristics
- Electrically operated 24 or 103,5 VDC, depending on size
- Toothed operated brake
- Activated by power on

Utilisation
- Braking of a pulley or a hub in position
- Braking has to be made at standstill or at very low speed, in case of doubt consult the factory
- For wet or dry operation

Particularities
- Positive braking for drive without slipping
- Standard available for random operation
- Option : detection disc allows the braking position to be validated, see dimensions page 47

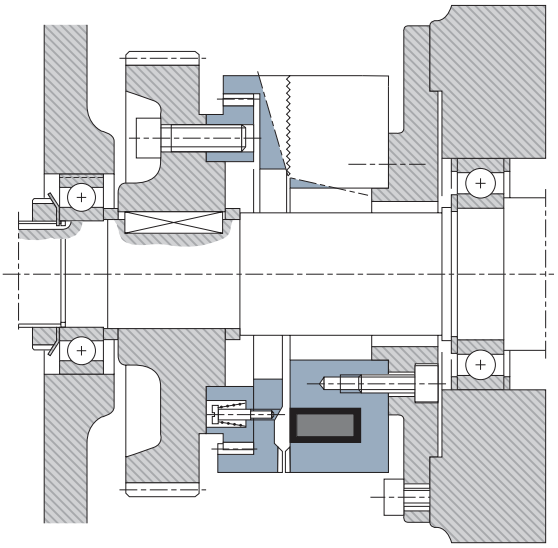
Adjustments
- Verify position of tooth “J” prior to installation
- No wear adjustment required

Maintenance Manual
- SM 316

Mounting Precautions
- Device intended for horizontal or vertical use

Power Supply
- For sizes until 3200
  CBC 400–24, CBC 450–24,
  CBC 140 –5 + CBC 140–T (24V)
- For sizes 6400, and 12800
  CBC 140 –5 (103,5V)

Mounting Example



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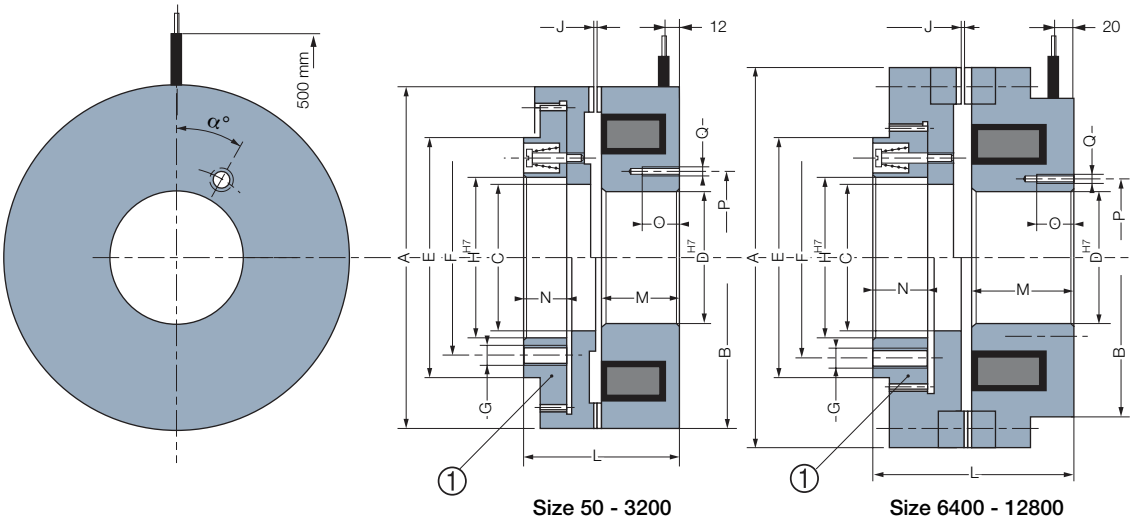
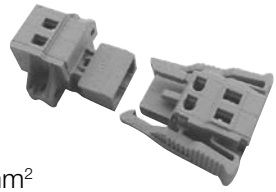


Size 50 - 3200

Size 6400 - 12800

Sizes			50	100	200	400	800	1600	3200	6400	12800
Nom. Torque		[Nm]	50	100	200	400	800	1600	3200	6400	12800
Max. Speed		[min-1]	5000	4300	3600	3300	2700	2100	1800	1500	1500
Voltage		[VDC]	24	24	24	24	24	24	24	103,5	103,5
Power	P20	[W]	22	26	33	33	47	68	79	111	143
	A		75	90	105	115	140	185	215	320	385
	B		75	90	105	115	140	185	215	260	315
	C		40	49,5	58	63	76	99	117	153	180
	D		35	42	50	55	65	85	105	140	175
	E		65,5	75,5	85,5	100,5	115,5	155,5	180,5	215,5	275,5
	F		55	64	75	85	100	135	155	190	250
	G		4xM5	4xM5	4xM6	6xM6	6xM8	6xM10	6xM10	12xM12	12xM116
	H		45	53	65	70	85	115	130	153	190
	J		0,4	0,5	0,5	0,5	0,6	0,7	0,9	1	1
	L		38	40	44	48	65	80	100	143	165
	M		23	22,3	23,7	26,2	36,9	44	52	82,3	92,6
	N		8	10	12	12,5	17	21	28	35	41
	O		9	9	10	13	17	19	20	26	30
	P		45	50	65	70	80	110	135	170	210
	Q		6xM5	6xM5	6xM6	6xM8	6xM10	6xM12	10xM12	10xM16	12xM18
	α		30°	30°	30°	30°	30°	30°	18°	18°	15°
Inertia	❶	[kgm²]	0,0002	0,0006	0,001	0,002	0,030	0,030	0,055	0,406	1,08
Weight		[kg]	0,8	1,25	1,8	2,5	5	11	22	54	90
Connection			**Leads**					**Cable**			



Connector Options
(Delivered without cable)
2 poles, capacity : 0,5/2,5mm²