

# E520 VAR 00

## Electro-Magnetic Single Disc Brake

### Characteristics

- Electrically operated 24 or 103,5 VDC depending on size
- Single friction face
- Activated by power on

### Utilisation

- Braking or maintaining a pulley or a hub

### Particularities

- No backlash
- For dry use
- No residual torque in disengaged position

### Adjustments

- Airgap "P" should be adjusted at installation
- Does not require wear compensation

### Maintenance Manual

- SM 315

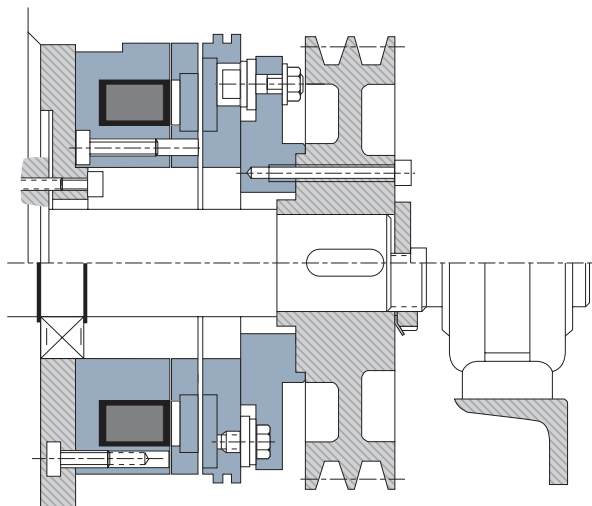
### Mounting Precautions

- Device intended for horizontal or vertical use

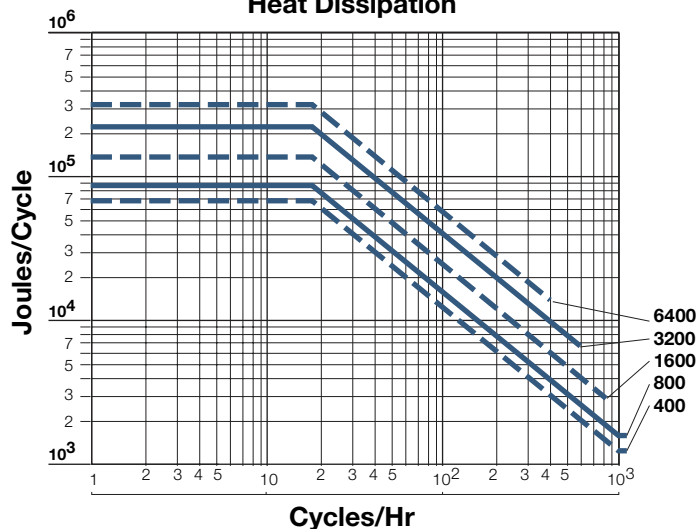
### Power Supply

- For sizes until 1600 :  
CBC 400-24, CBC 450-24  
CBC 500-24, CBC 550-24  
CBC 140-5 + CBC 140-T (24V)
- For size 3200 :  
CBC 140-5 (103,5V)

Mounting Example

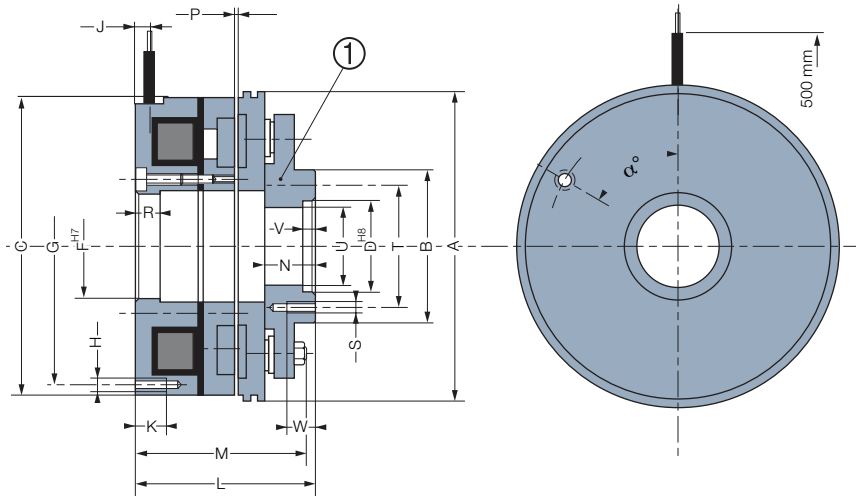


Heat Dissipation



## Electro-Magnetic Single Disc Brake

**Indirect Drive**



Sizes		400	800	1600	3200	6400
<b>Nom. Torque</b>	[Nm]	400	800	1600	3200	6400
<b>Max. Speed</b>	[min.]	2000	1700	1500	1500	1500
<b>Voltage</b>	[VDC]	24	24	24	103,5	103,5
<b>Power</b>	P20 [W]	29	36	59	89	121
	A	260	300	360	450	560
	B	140	155	180	220	295
	C	260	300	360	450	560
	D	100	115	140	150	180
	E	-	-	-	-	-
	F	110	125	150	195	265
	G	225	265	320	400	500
	H	4xM8	4xM10	4xM12	6xM12	6xM16
	J	7	7	10	10	10
	K	20	20	25	25	30
	L	114	131	152	172	198
	M	95	110	128	146,5	166,5
	N	41	49	55	60,4	71,2
	P	0,5	0,6	0,8	0,8	1
	Q	-	-	-	-	-
	R	30	30	30	30	30
	S	6xM8	6xM10	8xM12	8xM12	8xM16
	T	120	135	160	195	260
	U	90	106	126	135	160
	V	5	5	6	7	8
	W	14	15	18	20	25
	$\alpha^\circ$	45°	45°	45°	30°	30°
<b>Inertia</b>	<b>1</b> [kgm <sup>2</sup> ]	0,0342	0,0736	0,2042	0,681	1,975
<b>Weight</b>	[kg]	17,5	29	50	95	173
<b>Connection</b>	<b>Cable</b>					

### Connector Options

(Delivered without cable)

2 poles, capacity : 0,5/2,5mm<sup>2</sup>

