



**Compact Caliper Brake CB8-E**  
fail-safe, electro-hydraulic release

Options: manual release, switches „open“ and „pad wear“, closing delay  
 2) Sinter lining, size 70 or organic lining, size 50  
 B = disc width in mm, standard = 20 mm, optional: 12,7; 16; 25; 30  
 Ø D2 = outer disc diameter in mm  
 Linings: 1) - Sinter, size 100, standard  
 - Sinter, size 70  
 - organic, size 50 (suitable for max. circumferential speed  $v_{max} = 35m/sec.$ )  
 weight = 25 kg (without thruster)  
 = 35 kg (including thruster)

**Technical Data for thruster EBc 100/30**

motor power: 250 W  
 voltages: 230, 400, 500 & 690 V, 3~, 50 Hz, other voltages and 60 Hz upon req.  
 current consumption: 0,45 A at 400 V, 3~, 50 Hz  
 oil volume: 1,5 l  
 release time: aprx. 0.8 Sek. (at max.  $M_{Br}$ )  
 closing time: aprx. 0.25 Sek. (at max.  $M_{Br}$ )  
 operating cycles: S3 – 60 % ED, 240 c/h  
 for ambient temp.: -25 bis +50°C  
 NOTE: other ambient temperatures and operating cycles upon request

**dimensions depending on selected lining size**

CB8-E	ØD1	ØD3	R	H
-50 (with lining size 50)	ØD2 – 46	ØD2 – 110	D2 /2 + 19,5	130
-70 (with lining size 70)	ØD2 – 36	ØD2 – 110	D2 /2 + 19,5	130
-100 (with lining size 100)	ØD2 – 60	ØD2 – 140	D2 /2 + 15	170

**Braking torque in Nm ( $\mu = 0,4$ ) on disc-Ø D2, adjustable from / to**

	Ø 200	Ø 250	Ø 315	Ø 400	Ø 500
CB8-E-50 <sup>1)2)</sup>	80-300	110-400	140-530	180-700	n.a.
CB8-E 70 <sup>1)</sup>	80-300	110-400	140-530	180-700	n.a.
CB8-E-100 <sup>1)</sup>	n.a.	350-680	460-910	620-1220	800-1580

Alterations reserved

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