



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

- options: manual release, sensors open and pad wear limit, closing delay
- B = disc width in mm, standard = 20 mm, optional: 12,7; 16; 25; 30
- Ø D2 = outer disc diameter in mm
- linings: - sinter, size 100, standard  
- sinter, size 60  
- 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 EdC 100/30**

- motor power: 250 W
- voltages: 230, 400, 500 & 690 V, 3~, 50 Hz, other voltages and 60 Hz upon request
- current consumption: 0,45 A at 400 V, 3~, 50 Hz
- oil volume: 1,5 l
- release time: approx. 0,8 sec. (at max.  $M_{Br}$ )
- closing time: approx. 0,25 sec. (at max.  $M_{Br}$ )
- operating cycles: S3 . 60 % ED, 240 c/h
- for ambient temp.: -25°C to +50°C
- NOTE: other ambient temperatures and operating cycles upon request

( H\* for B > 25 mm )

**dimensions depending on selected lining size**

CB8-E	ØD1	ØD3	R	H (H*)
-50 (with lining size 50)	ØD2 . 46	ØD2 . 110	D2 /2 + 19,5	110 (130)
-60 (with lining size 60)	ØD2 . 36	ØD2 . 110	D2 /2 + 19,5	110 (130)
-100 (with lining size 100)	ØD2 . 60	ØD2 . 140	D2 /2 + 15	152 (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	80-300	110-400	140-530	180-700	n.a.
CB8-E-60	80-300	110-400	140-530	180-700	n.a.
CB8-E-100	n.a.	350-680	460-910	620-1220	800-1580

Alterations reserved

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