



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: = size 50 standard: organic (suitable for max. circumferential speed $v_{\text{max}} = 35\text{m/sec.}$)
= size 50 optional: Sinter
= size 100 standard: Sinter (for discs $D2 \leq \text{Ø}250$)
- 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)
-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-100	n.a.	350-680	460-910	620-1220	800-1580

Alterations reserved

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