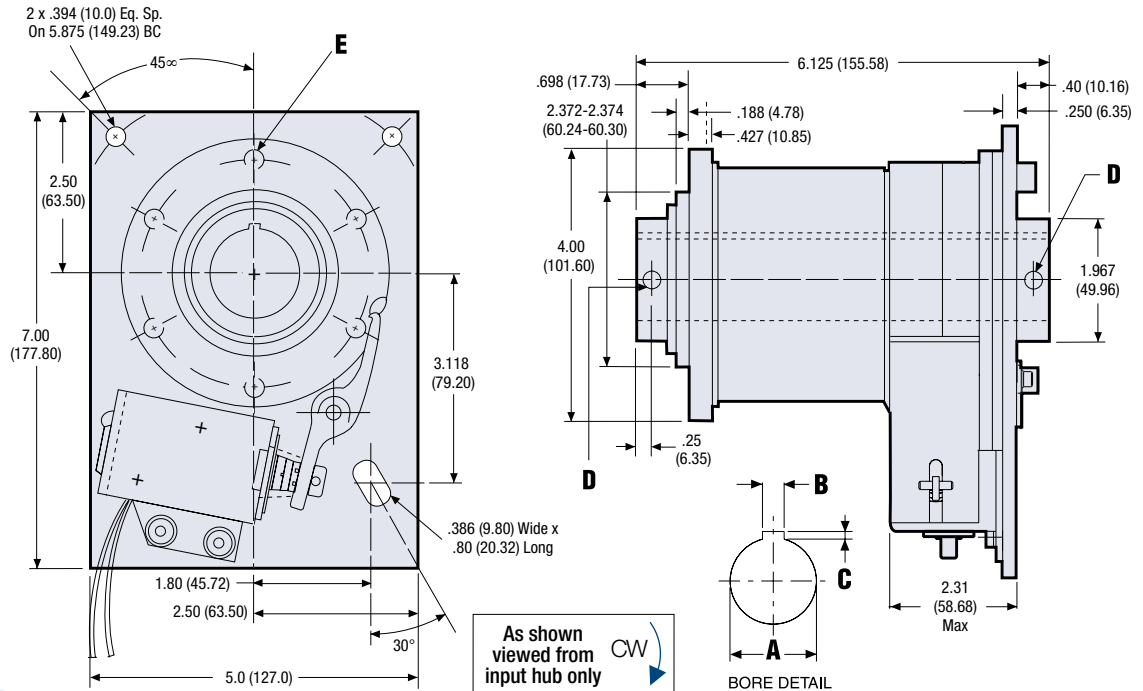


Super CB-8 Clutch / Brake

Dimensions in. (mm)



Bore & Keyway Sizes

	Bore A	Keyway Width B	Keyway Depth C	Set Screws D	Mtg. Holes E
English in. (mm)	1.2505-1.2525 (31.762-31.814)	.3125 (7.9375)	.15625 (3.9688)	2x #1/4-20 UNC-2B	6x 5/16-18 UNC-2B Eq. Sp. on 3.375 BC
	1.5005-1.5025 (38.112-38.164)	.375 (9.525)	.125 (3.175)	2x #1/4-20 x UNC-2B	6x 5/16-18 UNC-2B Eq. Sp. on 3.375 BC
Metric mm (in.)	35.0 H9 (1.3780-1.3804)	10.0 (.3937)	3.3 (.1299)	2x M6 x 1.0 x 10.0 Lg. Hex Soc. Set Screw	6x M8 x 1.25 on 85.73 BC
	40.0 H9 (1.5784-1.5772)	—	—	2x M6 x 1.0 x 10.0 Lg. Hex Soc. Set Screw	6x M8 x 1.25 on 85.73 BC

All dimensions are nominal unless otherwise noted.

SCB-8 Part Numbers

Bore Size	Voltage	Rotation	Stops		
			1	2	4
1.25"	24 VDC	CW	328-17-019	328-17-020	328-17-021
		CCW	328-27-019	328-27-020	328-27-021
1.25"	115 VAC	CW	328-17-043	328-17-044	328-17-045
		CCW	328-27-043	328-27-044	328-27-045
1.5"	24 VDC	CW	328-17-013	328-17-014	328-17-015
		CCW	328-27-013	328-27-014	328-27-015
1.5"	115 VAC	CW	328-17-037	328-17-038	328-17-039
		CCW	328-27-037	328-27-038	328-27-039

These are the most commonly requested parts – other voltages (such as 12VDC and 90VDC), bores and stop collars are available. See page 40 for metric part numbers.

Electrical Data (±10%)

Voltage	Current (amps)	Resistance (ohms)	Status
115 AC 60 Hz	.33*	53.5	Standard
24 DC	.94	25.4	Standard
12 DC	1.87	6.43	Option
90 DC	.24	378	Option

(Coils are rated for continuous duty)

*115 AC-In rush current .62 amps, Holding current .31 amps

Specifications

Static Torque	2,500 lb.in.
Maximum anti-overnun holding capability	600 lb.in.
Maximum anti-back holding capability	600 lb.in.
Inertia, rotating parts	12.840 lb.in. ²
Maximum radial bearing load at maximum speed	300 lbs.
Maximum operating speed	300 RPM
Response time, voltage on at full speed	50 MS
Weight	15 lb.