Electric Brakes

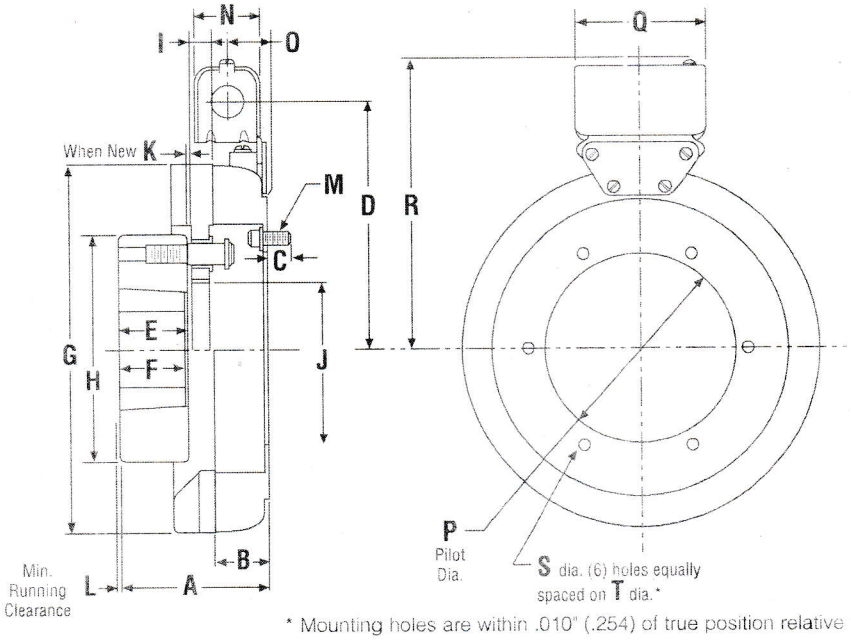
TB Series – Basic Tension Brakes

Dimensions

TB-825

TB-1000

TB-1225



* Mounting holes are within .010" (.254) of true position relative to pilot diameter.

inches (mm)

Model	A Max.	B	C Max.	D	E	F	G Max.	H Dia.	I	J Dia.
TB-825	3.671 (93.24)	1.312 (33.32)	.562 (14.27)	5.656 (143.66)	1.593 (401.46)	1.500 (38.10)	8.468 (215.09)	4.625 (117.48)	.609 (15.47)	2.187 (55.55)
TB-1000	4.109 (104.37)	1.453 (36.91)	.562 (14.27)	6.531 (165.89)	1.906 (48.41)	1.750 (44.45)	10.187 (258.75)	6.250 (158.75)	.609 (15.47)	3.875 (94.83)
TB-1225	5.390 (136.91)	1.6740 (41.66)	.562 (14.27)	7.531 (191.29)	3.000 (76.20)	3.000 (76.20)	12.437 (315.90)	6.875 (174.63)	.609 (15.47)	4.500 (114.30)

Model	K Min.	L	M	N	O	P Max.	Q	R	S	T
TB-825	.093 (2.36)	.062 (12.57)	5/16-18 UNC-3A	1.546 (39.27)	.921 (23.39)	3.503/3.501 (88.98/88.93)	3.750 (95.25	6.406 (162.71)	.358/.338 (9.09/8.59)	4.250 (107.95)
TB-1000	.093 (2.36)	.062 (1.57)	5/16-18 UNC-3A	1.546 (39.27)	.921 (23.39)	5.378/5.376 (136.60/136.55)	3.750 (95.25	7.687 (195.25)	.358/.338 (9.09/8.59)	6.125 (155.58)
TB-1225	.093 (2.36)	.062 (1.57)	5/16-18 UNC-3A	1.546 (39.27)	.921 (23.39)	6.378/6.376 (162.00/161.95)	3.750 (95.25	8.687 (220.65)	.358/.338 (9.09/8.59)	7.250 (184.15)

See page 155 for specific bushing part numbers.

Bore and Keyway Data

Model #	Part #	Voltage	Bushing	Bore	Keyway
TB-825	5311-2 5311-24	6V 24V	Dodge 1615 (see pg 159 for for specific P/N)	1/2–9/16 5/8–7/8 15/16–1-1/4 1-5/16–1-3/8 1-7/16–1-1/2 1-9/16–1-5/8	1/8" x 1/16" 3/16" x 3/32" 1/4" x 1/8" 5/16" x 5/32" 3/8" x 3/16" 3/8" x 3/16"
TB-1000	5312-1 5312-24	6V 24V	Dodge 2517 (see pg 159 for for specific P/N)	1/2–9/16 5/8–7/8 15/16–1-1/4 1-5/16–1-3/8 1-7/16–1-3/4 1-13/16–2-1/4 2-5/16–2-1/2	1/8" x 1/16" 3/16" x 3/32" 1/4" x 1/8" 5/16" x 5/32" 3/8" x 3/16" 1/2" x 1/4" 5/8" x 5/16"

Model #	Part #	Voltage	Bushing	Bore	Keyway
TB-1225	5313-1 5313-24	6V 24V	Dodge 3030 (see pg 155 for for specific P/N)	15/16–1-1/4 1-5/16–1-3/8 1-7/16–1-3/4 1-13/16–2-1/4 2-5/16–2-3/4 2-13/16–3	1/4" x 1/8" 5/16" x 5/32" 3/8" x 3/16" 1/2" x 1/4" 5/8" x 5/16" 3/4" x 3/8"
TB-1525	5314-1 5314-24	6V 24V	Dodge 3030 (see pg 155 for for specific P/N)	15/16–1-1/4 1-5/16–1-3/8 1-7/16–1-3/4 1-13/16–2-1/4 2-5/16–2-3/4 2-13/16–3	1/4" x 1/8" 5/16" x 5/32" 3/8" x 3/16" 1/2" x 1/4" 5/8" x 5/16" 3/4" x 3/8"

For replacement parts list and exploded view drawing, see page 77.

Note: All dimensions are nominal unless otherwise noted.