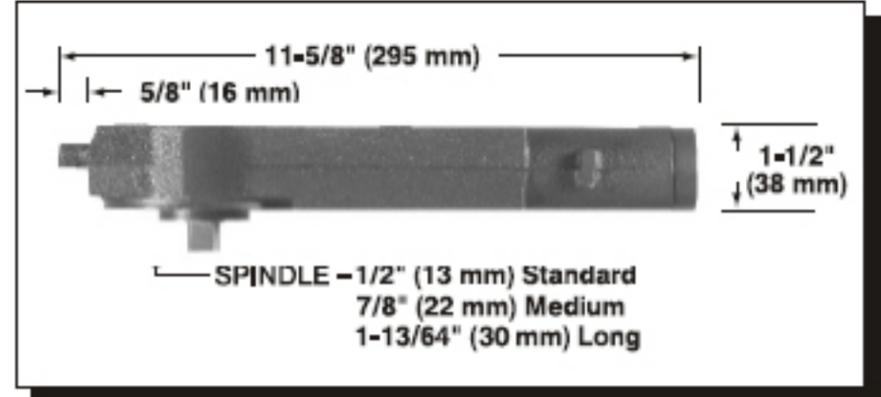
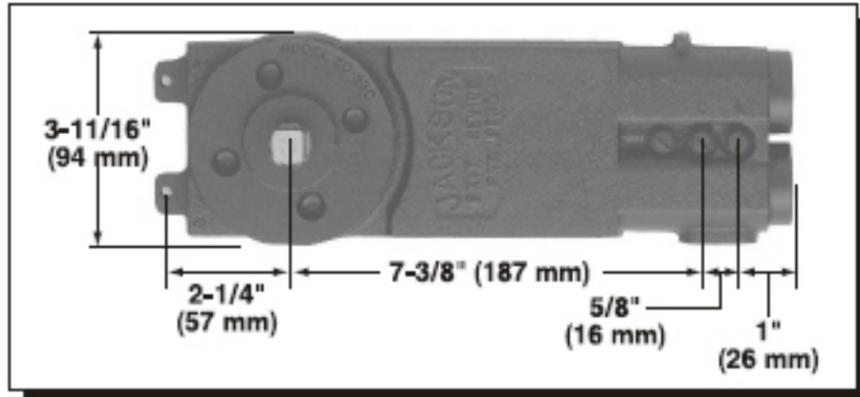




ANSI GRADE 1 CLOSER

DIMENSIONS - Inch (Metric)



CLOSER OPERATIONAL DATA

APPROXIMATE OPENING FORCE IN POUNDS

	CENTER HUNG				OFFSET SLIDE-ARM			
	2/6 x 7/0	3/0 x 7/0	3/6 x 7/0	4/0 x 7/0	2/6 x 7/0	3/0 x 7/0	3/6 x 7/0	4/0 x 7/0
Extra Light Duty	6	4.5	4	N/A	8	6	5.5	5
Light Duty	10	8	6	5	14	12	10	8
Regular Duty	12	10	8	6	17	14.5	13	11
Heavy Duty	17	15	13	11	N/A	19	17	15

N/A = Application not recommended.

NOTE: Readings are in *pound force* required to open door and are taken at the lock stile to full degree of opening.

CLOSER SELECTION CHART

CLOSER	Maximum Interior Door	Maximum Exterior Door
Extra Light Duty	3'-0" (914 mm)	2'-6" (762 mm)
Light Duty	3'-6" (1067 mm)	3'-0" (914 mm)
Regular Duty	3'-6" (1067 mm)	3'-0" (914 mm)
Heavy Duty	4'-0" (1219 mm)	3'-6" (1067 mm)

HYDRAULIC BACKCHECK ADJUSTMENT DATA

Closer leaves factory set at minimum intensity.
To change backcheck intensity:
- Clockwise to increase
- Counter-clockwise to decrease
Effective Range starting at 75 degrees

- NOTES:** 1. All recommendations are based on average conditions. Tall doors or doors that may be subjected to wind, draft, or extreme air conditioning may require the next size closer.
2. Although the adjustable backcheck can be adjusted to give maximum protection, an auxiliary floor or overhead door stop is always recommended to prevent structural interference and possible door and closer damage due to over-extension of maximum allowable door swing