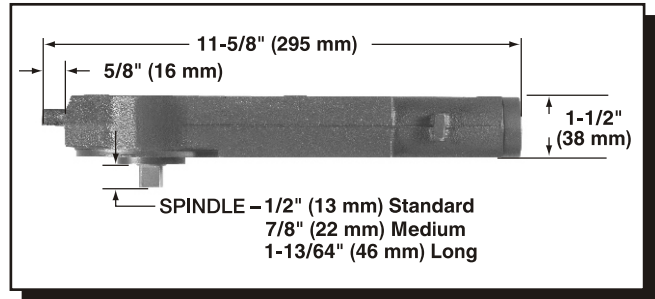
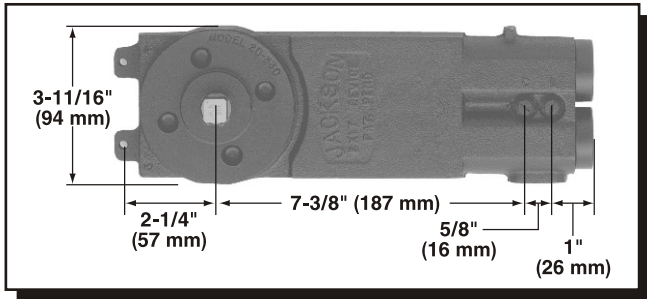




OVERHEAD CONCEALED CLOSERS

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
Adjustable				N/A				
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

= Adjustable opening force 5 lbs to 8.5 lbs for barrier-free applications for door width noted.
 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
Adjustable	3'-6" (1067 mm)	3'-0" (914 mm)
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)

SPRING POWER ADJUSTMENT DATA
Closer leaves factory set at size <i>LD</i> for a 3'-0" (914 mm) door.
To change opening force 1 size takes approximately 4 turns
– Clockwise to increase
– Counter-clockwise to decrease

- NOTES:**
- 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.
 - Although the adjustable spring power closer can be adjusted to compensate for site conditions, adequate closing force may not be obtained while complying with barrier-free opening force restrictions.
 - 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.