

SAMPLE SPECIFICATION FOR LARGE CYLINDER CLOSER

2.01 CLOSERS AND DOOR CONTROL DEVICES

- A. Where manual closers are indicated for doors required to be accessible to the physically challenged, provide adjustable units complying with ANSI A117.1 provisions for door opening force and delayed action closing.
- B. Shall conform to ANSI A156.4, Grade 1, NFPA 80, NFPA 101 and UL10C.
- C. Closers shall be aluminum construction with steel lever arms, independent adjusting valves for closing, latching and back check. Hydraulic regulation controlled by tamper-proof, non-critical screw valves. All closer adjustments shall be shielded by plastic cover plate after installation. Pressure relief valve, PRV, door closers will not be permitted.
- D. Full rack-and-pinion type closer, single piece forged piston, chrome silicon steel spring, non-critical screw valves; backcheck, sweep main speed and latch.
- E. Closers to be non-sized, field adjustable from size 1 to 6.
- F. Furnish all large cylinder non-sized closers with minimum 1 1/2" diameter piston.
- G. Install closers to allow maximum degree of opening, position backcheck to activate well in advance of the stop position to cushion the opening swing and prevent door and frame damage. Do not use door closer to stop door travel. Unless specified, install closers with thru bolt mounting method on metal and wood doors. Do not thru bolt if there has been special blocking specified in the wood door specification. Coordinate with the wood door specification.
- H. Available Manufacturers:
Subject to compliance with requirements, manufacturers offering products that may be incorporated in the Work include:

Dor-O-Matic	Norton	Sargent	Yale	Dorma
SC71 Rw/PA	7501	351-O	P400	8916PA
SC71 Hw/PA	7500-H	351-H	4410	8916-FHP
SC71 HD	PR7500	351-P10	UNI 4410	8916SPA
SC71 DS	CLP7500	351-PS	4420	8916DS
SC71 HO/DS	CLP7500T	351-PSH	4420T	8916THO
SC71 SS	UNI 7500	351-CPS	P400	—
SC71 SS/HO	UNI 7500-H	351-CPSH	UNI 4400	—