

050-0410 Floating Striker Single Position Rotor Latch



DESIGNED FOR:

- Medium to heavyweight doors for off-highway applications requiring resistance to vibration
- Door thicknesses of 1-7/8" (47.6mm) or greater
- Door weights of 50-200 lbs. (23-91 kg)
- Door seal pressures of up to 150 lbs. (< 50 lbs. suggested for best results)(23-68 kg)
- Visible surface installation or concealed inside installation

FEATURES/BENEFITS:

- Allows for $\pm .060$ " (1.52mm) strike travel from $.784$ " (19.91mm) locating dimension with the recommended $.550$ (13.9mm) diameter striker bolt (070-0201)
- Ideal for applications with high vibration loading and where controlled travel between the latch and strike is characteristic of the application
- Single position rotary style latching action

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AVAILABLE:

- In left or right hand configurations (right hand shown)
- With (4) 1/4-20 UNC, M6 X 1 threaded axles or .286" thru axles
- With trip lever options

MATERIAL:

- Internal latch components: heat treated, smooth edge stamped steel
- Case halves: high strength steel
- Springs: non-corrosive stainless steel

FINISH:

- Zinc plated, clear chromate steel components

INSTALLATION:

- (4) 1/4-20 UNC grade 5 or M6 x 1 class 8.8-type fasteners are required (not included). Tighten to the fastener manufacturers' recommended torque value, however, do not exceed 120 in-lbs. (13 N-m)
- Fastener mounting holes diameter should not exceed .281" (7.1mm)

INTERNAL LUBRICATION:

- Oven-cured dry lubricant is applied at factory on all critical moving parts

CAUTION: Single position rotary latches do not comply with FMVSS 206 (ECE R11) requirements.

Individual part dimensions are for reference only. Refer to individual part drawings for complete dimensions, specifications, and installation procedures. Engineering assistance and application drawings are available.

For more information visit
www.trimarkcorp.com

