

# 050-0413 Floating Striker Single 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
- Applications where it is desirable to have a single position rotary latch
- Applications where it is desirable to have the release mechanism in-line with the latch

## **FEATURES/BENEFITS:**

- Allows for  $\pm .143"$  (3.63mm) strike travel from  $.789"$  (19.91mm) locating dimension
- 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](http://www.trimarkcorp.com)

