

050-7120
10mm Single Rotor Latch
With Handrail



TriMark®



The compact 050-7120 10mm Single Rotor Latch with Handrail is designed for operator and compartment door applications for off-highway vehicles that require a remote interior release. The latch is incorporated into a rectangular tube for support for the opening and closing function of the door and provides for greater ease of operation (ergonomics) over direct releases.

DESIGNED FOR:

- Light to medium duty doors up to 45Kg (100 lbs.) with door seal pressures no greater than 11 Kg (25 lbs.)

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FEATURES/BENEFITS:

- Compact size and shape; requires minimum use of door space
- Two position rotary function suitable for personnel doors for FMVSS 206 (ECE R11) applications
- Standard black finish reduces the need for secondary painting
- Supplied with latch plastic cover
- Robust designed remote inside release is incorporated into rectangular tubing which gives additional door structure support and assistance for the opening and closing functions of the door
- Provides for greater ease of operation
- Inside release can be positioned at two points along the tube for convenient location to suit the door/cab design
- Inside release is connected by rods, cables or direct operation to the latch

AVAILABLE:

- Versions are available to allow direct or remote actuation from exterior push button or flap handles
- With left and right variants; provides application flexibility (right hand shown)
- Tube is variable in length and angled to suit customer requirements providing flexibility in the product application

MATERIAL/FINISH:

- Inside release components: Nylon, zinc casting
- Black plated steel case halves
- Cam and catch: Heat treated steel
- Springs: Non-corrosive stainless steel
- Tubing: Black painted steel
- Tube mounting end: Reinforced nylon

INSTALLATION:

- Easy to install -- recommended mounting fastener (2) M6 x 1.0 flat or oval head class 8.8 or better fasteners are required for FMVSS 206 (ECE R11) (not included) plus (1) M6 fastener on handrail end
- Tighten to the fasteners recommended torque value, however, do not exceed 6 to 8 N-m (53 to 70 in-lbs.)
- Latch mounting plate is required to meet FMVSS 206 (ECE R11) loads

USE WITH:

- Latch Mounting Plate (included)
- 070-7100 10mm Striker Pin

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.

Note: this 050-7120 10mm Single Rotor Latch with Handrail complies with FMVSS 206 (ECE R11) when tested with supplied bracket and accordance with SAE J839 and that this product meets FMVSS 206 (ECE R11) load requirements and may be used in FMVSS 206 (ECE R11) applications pending TriMark application approval.

Caution: Product does not meet the locking requirements for FMVSS 206 (ECE R11).

For more information visit
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