

The **3x** Factor



ROTEX
INFINITY ACTUATORS

The 3x Factor



Three Exclusive Features

V-Seal

- Self Energized: Exclusive double lip seal design for superior dynamic sealing at all pressures and temperatures. Finally a single seal that operates for years or millions of cycles, with lower friction and less hysteresis. Great for control applications.
- Wear Compensating: V-Seals' wear compensation feature eliminates the "set" taken by traditional O-rings. Greater temperature range and better chemical resistance than traditional actuator O-rings.
- We all know what kills actuator O-rings - temperature, too many cycles, or not enough cycles. Rotex V-Seal is designed to handle all three.

Center Bore Sleeve

- Unique Design: Infinity Actuators are the only actuators currently on the market with this wide polymer sleeve that ensures tight rack engagement.
- Large Surface Area: Provides largest possible bearing surface for complete piston support, while maintaining low friction.

Hard Anodized Piston

- Longer Life: Aluminum piston is hard anodized to improve durability, decreasing the potential for tooth wear.
- Internal Piston Rack Guides: Durable internal guide blocks optimize rack/pinion teeth engagement for a lifetime of actuator cycles.

Three Times the Warranty

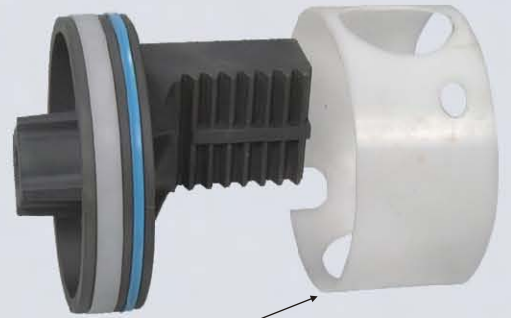
Rotex warrants the complete actuator for 3 years or 3 million cycles, including all seals. All major components, including body, pinion, bearings, springs, seals, and all hardware are covered for the full term of the warranty; 3 years or 3 million cycles.

See specific Rotex Warranty Details.



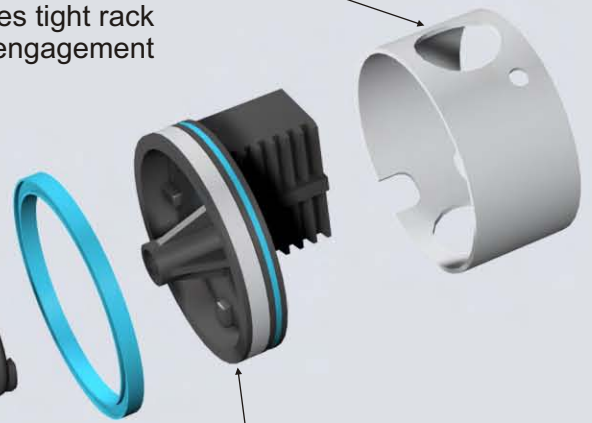
Traditionally, rack & pinion actuators have been used successfully for cost effective valve automation. All manufacturers have their special features; most are good actuator designs.

The Rotex Infinity Actuator is Different! Rotex has eliminated the weaknesses in other designs.



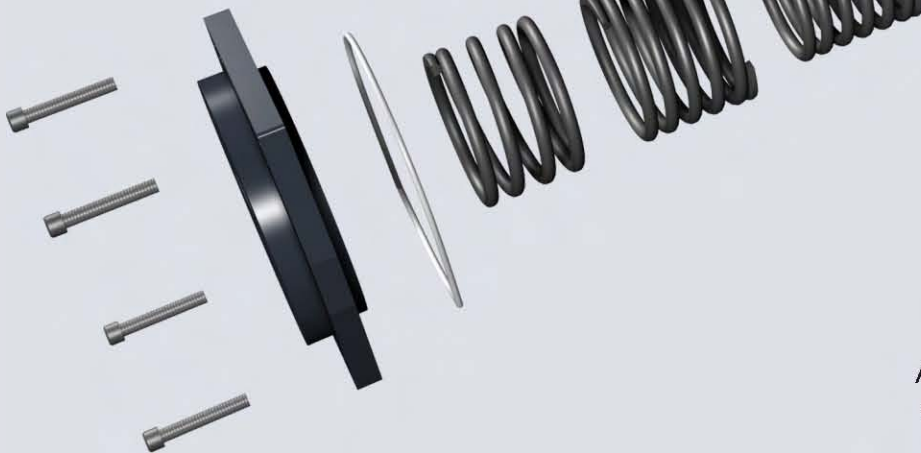
Center Bore Sleeve

Unique low friction sleeve ensures tight rack engagement



Hard Anodized Piston

Anodized piston with piston rack guide extend actuator life and dependability.



Infinity3x

Features

- Hard anodized inner & outer surfaces
- Oversized internal air passages
- Life-time guarantee on springs
- V-Seal piston ring
- Solid top pinion bearing
- Low hysteresis
- Monolithic ENP pinion
- Center bore sleeve
- Namur VDI / VDE accessory mounting
- Actuator convertible DA to SR
- Hard anodized pistons
- Actuator bores burnished
- Quick operation capacity
- External side-mounted travel stops
- V-Seal pinion seals
- Replacable piston bearings
- Low & high temp capacity
- Hard anodized pistons
- Internal piston guides
- ISO 5211 mounting w/star drive
- Max working pressure 120psi

-40° to +230°F Standard



Durable Wear compensating. Lasts for millions of cycles.

Dynamic Energized for superior sealing at all pressures.

Dependable Exclusive polymer won't stick, wear, or disintegrate like traditional O-ring seals.

Infinity3x



ROTEX
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