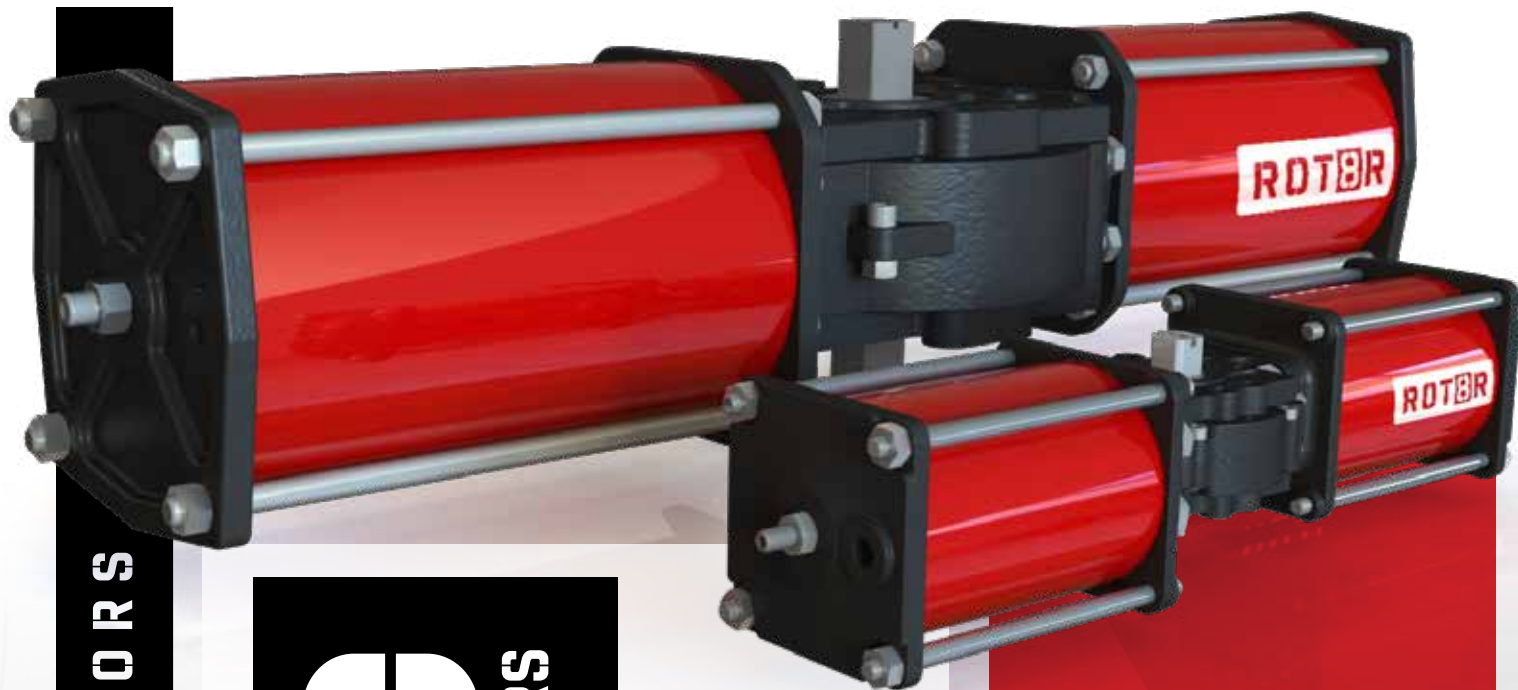


ROT8R

READY TO GO WHEN YOU ARE



PNEUMATIC ACTUATORS

8 **QUARTERS**
WARRANTY

2 YEARS

24 MONTHS

DOUBLE ACTING & SPRING RETURN

Torques to 500,000 in-lb (56,500 Nm)

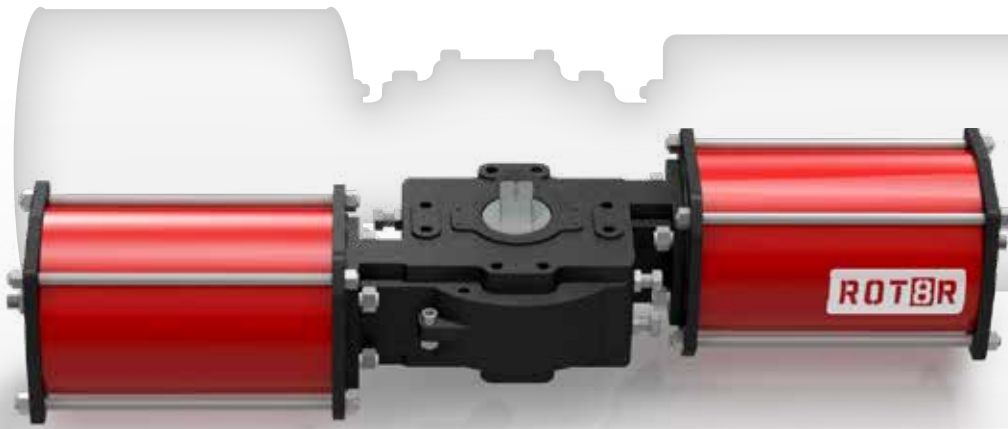
Pressure to suit size

Temperatures from

-20°F to +185°F (-28°C to +85°C)

90° Rotation ($\pm 5^\circ$ at each end of travel)





48%
SMALLER
ON AVERAGE

ROT8R

Actuators can be retrofitted to existing valves to gain weight, size and control benefits.

SIGNIFICANT WEIGHT SAVINGS

BALANCED WEIGHT

reduce side loading on the valve stem, increase safety during installation and maintenance.

ADAPTERS TO FIT ALL VALVE TYPES

Mounting patterns available to directly replace other actuators.

IDENTICAL TOP TO BOTTOM

Mounting patterns and shaft drive exist on both sides. NAMUR accessories may be moved to opposite side.

MATERIALS OF CONSTRUCTION

MECHANISM	DUCTILE IRON
HOUSING	DUCTILE IRON
CYLINDERS	AMALGON OPTIONAL: 316 STAINLESS STEEL, ALUMINUM
PISTONS	DUCTILE IRON
SPRINGS	POWDER COATED CHROME-SILICON STEEL
SEALS	BUNA OPTIONAL: VITON, SILICON

FEATURES THAT MATTER...



FIELD REVERSIBLE

- Both sides of the Rot8r actuator are identical in all aspects. Unlike other actuators that require disassembly for action reversal, Rot8r actuators require only that you turn them top side down.

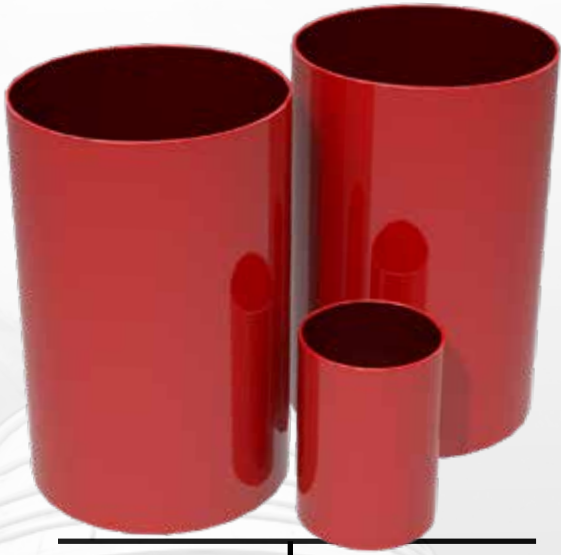


TORQUE OUTPUT

- When compared to other actuators the Rot8r actuator offers a smaller footprint with zero compromise in torque output.
- Full range of sizes to actuate any quarter turn valve.

WHAT IS BETTER THAN STAINLESS? – AMALGON®

Pneumatic Cylinder Tubing – The Alternative to Metal



Constructed of fiber reinforced thermoset epoxy matrix, Amalgon has an inner surface of evenly dispersed low friction additives. The results: A light weight, high strength, corrosion resistant composite material which replaces stainless steel or carbon steel cylinders.

- **75% REDUCTION IN WEIGHT**
- **SUPERIOR CORROSION RESISTANCE**
- **REDUCED MAINTENANCE COSTS**
- **SMOOTH FINISHED SURFACE**
- **SHAPE STABILITY AND IMPACT RESISTANCE**
- **EXCELLENT THERMAL STABILITY**
- **NON-MAGNETIC MATERIAL**



8
QUARTERS

2 YEARS

24 MONTHS

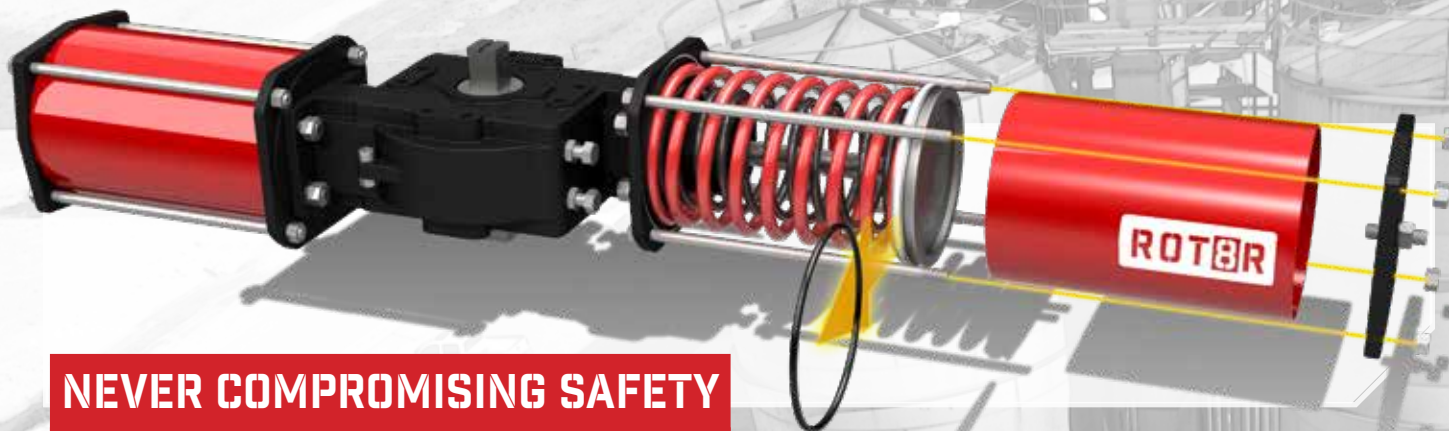
WARRANTY

- An actuator that lives up to the hype, and we stand behind. Eight quarters or two full years of warranty on workmanship and materials.



BALANCED WEIGHT

- Symmetrical force modules weight balance each unit greatly improving safety during installation, maintenance and automation.



NEVER COMPROMISING SAFETY

Captured Springs located inward of the pistons safely provide access for on-the-valve replacement of worn or contaminant damaged piston seals.

We feel strongly that our actuators shouldn't cause injury to anyone. Thus, we have made safety an integral part of our rotary and linear actuator design, specifically the springs, which can cause serious harm to personnel or damage other equipment if not captured.

ALL SPRINGS ARE SAFELY CAPTURED WITHIN THE FORCE MODULE.

Even if the end cap and cylinder are removed, there is no risk to plant or personnel when working on or using these actuators.

ROT8R



The Leader in Actuator Technology



Our Manufacturing Facilities:

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