



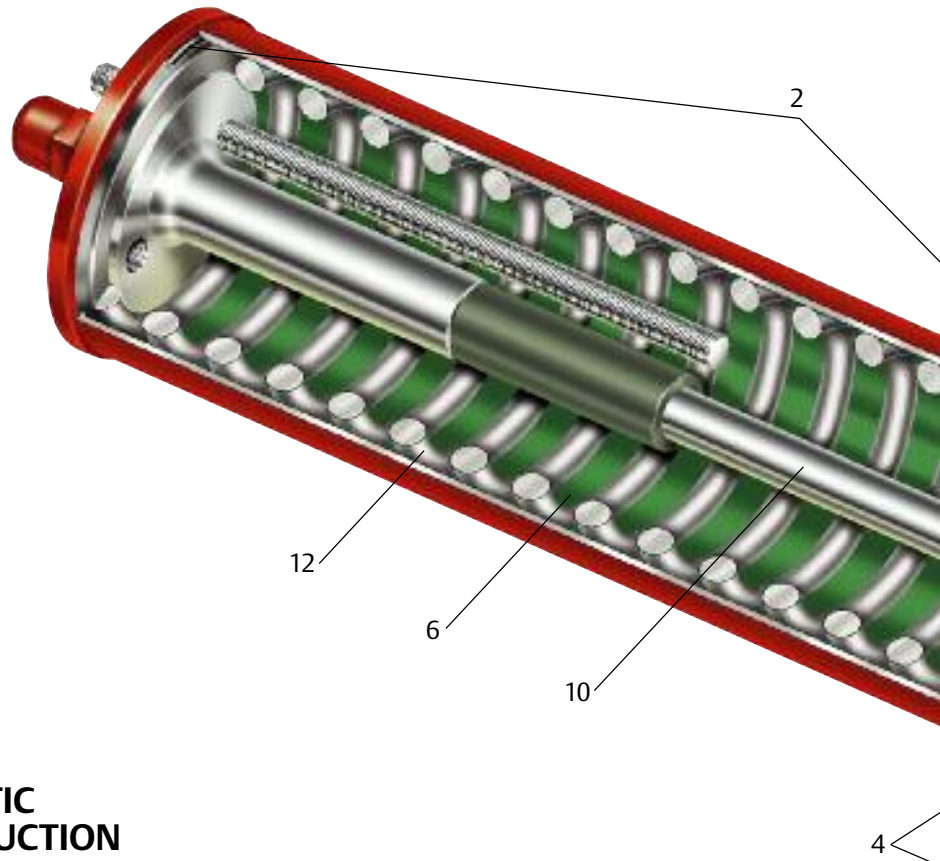
MECATORK S.A.S

ACTIONNEURS PNEUMATIQUES 1/2 DE TOUR
ACTIONNEURS ELECTRIQUES
ENSEMBLES VANNES MOTORISEES

Tel : 04 50 66 70 42
Fax: 04 50 45 21 53

www.mecatork.fr

- PED 97/23/EC Compliant
- Xylan™ Coated Cylinder
- Water Ingress Protected – IP66 and IP67M
- Low Maintenance
- Economical
- Jackscrew Option
- Five-Year Warranty
- Dual Mounting Interface
- Suitable for SIL 2 or SIL 3
- Bi-directional Travel Adjustment



CBA-SERIES PNEUMATIC DESIGN AND CONSTRUCTION

Mechanical Components

The Bettis CBA-Series pneumatic actuators are compact, lightweight and ideally suited for automating ball, butterfly and non-lubricated plug valves, or any quarter-turn (90 degree) rotating mechanism. These economical, low maintenance actuators provide a reliable means of automating your valve. Available with optional features and controls to meet your most demanding automation needs. The CBA-Series, available in double-acting and spring-return models, are independently certified to BS 5490: 1977 - IP66 and IP67M for water ingress protection.

Operating Ranges

Double-acting CBA-Series actuators are available with guaranteed minimum torque outputs to 11,515 lb-in (1,301 Nm).

The CBA-Series spring-return models require pressure in only one direction of travel and are suitable for fail clockwise or counterclockwise applications without modification. These models produce guaranteed spring ending torques to 4,269 lb-in (482 Nm).

Standard construction CBA-Series actuators are designed for operating temperatures of -20°F to +200°F (-29°C to +93°C). High temperature trim allows continuous operation from 0°F to +350°F (-18°C to +177°C). Additionally, special non-PED low temperature trim allows operation to -40°F (-40°C). Consult factory when

temperature requirements exceed these limits. Operating pressures for the CBA-Series range from 40 to 150 PSIG (3 to 10 BAR).

Design Features

Water Ingress Protection – The CBAs meet both IP66 and IP67M specifications for submergence and severe high pressure water deluge test, offering superior water ingress protection and corrosion resistance. The actuator has no gaskets and is totally o-ring sealed.

- 1) **New, Outer Lip-Type Torque Shaft Seals** restrict external contaminants, providing a high level of corrosion and water-resistance.
- 2) **New O-Ring Sealed Cylinders** essentially eliminate the possibility of any cylinder leakage throughout the full range of operating and climatic conditions.
- 3) **Standard Accessory Mounting Pad** – The new accessory mounting pad is standard and identical on all CBA and CBA-300 Series models, allowing the panel mounting of controls.
- 4) **Dual Valve Mounting Interface** allows the flexibility to change the actuator fail mode, without disassembly, by simply inverting the actuator. They may be installed in any position; parallel or at right angles to the flow line, in the vertical or the horizontal plane.