

ELECTRIC – ON-OFF

Standard Features:

Torque Range – 347 lb ins to 17,359 lb ins
Housing – NEMA 4 & 4X
Electric Motor – 120 VAC, 1 PHASE, 60 Hz
Thermal Overload – Auto re-set
Limit Switches – Adjustable cam operated
Position Indicator – Mechanical Dial Type
Space Heater – Located in the control compartment
Terminal Strip – Pre-wired for motor & limit switches
Manual Override – Directing acting
Brake – “Lock-cut” gear arrangement
Adjustable Mechanical Travel Stops
Temperature Range – -13°F to 131°F
Mounting – Direct mount to Crane valves
Certification/Approvals – CSA-NRTL/C

Optional Features:

AC Voltages – 220 VAC, 1 PHASE, 60 Hz
AC Voltages – 24 VAC 44005 - 44400
DC Voltages – 12/24 VDC 4005 - 44300
Additional Limit Switches – 2 SPDT
Torque Switches – Adjustable open and close
Feedback Potentiometer – 500 ohm
Feedback Transmitter – 4-20 mA
De-clutchable Handwheel Override



ELECTRIC – MODULATING

Standard Features:

Process Control Signal – 4-20 mA, 0-10 VDC
Torque Range – 347 lb ins to 17,359 lb ins
Housing – NEMA 4 & 4X
Electric Motor – 120 VAC, 1 PHASE, 60 Hz
Thermal Overload – Auto re-set
Resolution – 400 increments through 90 degrees
Position Indicator – Mechanical Dial Type
Space Heater – Located in the control compartment
Terminal Strip – Pre-wired for motor & limit switches
Manual Override – Directing acting
Brake – “Lock-cut” gear arrangement
Adjustable Mechanical Travel Stops
Temperature Range – -13°F to 131°F
Mounting – Direct mount to Crane valves
Certification/Approvals – CSA-NRTL/C

Optional Features:

AC Voltages – 220 VAC, 1 PHASE, 60 Hz
AC Voltages – 24 VAC 44010M - 44200M
Torque Switches – Adjustable open and close
De-clutchable Handwheel Override

PNEUMATIC – DOUBLE ACTING

Standard Features:

Torque Range – 30 in-lbs to 107,531 in-lbs
 Housing – Anodized aluminum
 Mounting – DIN ISO 5211, direct mounting to Crane valves
 Position Indicator – NAMUR standard
 Operating Pressure – 40 to 120 PSIG
 Temperature Range – -4°F (-20°C) to 176°F (80°C)
 Size Range – 14 models to choose from
 Adjustable Travel Stops – Both directions
 Accessory Interfaces – VDI/VDE 3845 (NAMUR) standard

Optional Features:

Temperature Range – 4°F to 250°F, -40°F to 175°F
 Solenoid Valves – 3 or 4 way
 Limit Switches – Adjustable cam operated
 Positioners – Pneumatic or Electro-pneumatic
 DC-1 Dribble Control – Two-stage shutoff
 180° Actuation – 2 or 3 position
 Manual Override – De-clutchable gear type
 Speed Controls – Adjust cycle time
 Special Applications – Offshore, nuclear, hygienic, and gas or oil operation

PNEUMATIC – SPRING RETURN

Standard Features:

Torque Range – 42 in-lbs to 77,211 in-lbs
 Housing – Anodized aluminum
 Mounting – DIN ISO 5211, direct mounting to Crane valves
 Position Indicator – NAMUR standard
 Operating Pressure – 40 to 120 PSIG
 Temperature Range – -4°F (-20°C) to 176°F (80°C)
 Size Range – 14 models to choose from
 Adjustable Travel Stops – Both directions
 Accessory Interfaces – VDI/VDE 3845 (NAMUR) standard

Optional Features:

Temperature Range – 4°F to 250°F, -40°F to 175°F
 Solenoid Valves – 3 or 4 way
 Limit Switches – Adjustable cam operated
 Positioners – Pneumatic or Electro-pneumatic
 DC-1 Dribble Control – Two-stage shutoff
 180° Actuation – 2 or 3 position
 Manual Override – De-clutchable gear type
 Speed Controls – Adjust cycle time
 Special Applications – Offshore, nuclear, hygienic, and gas or oil operation



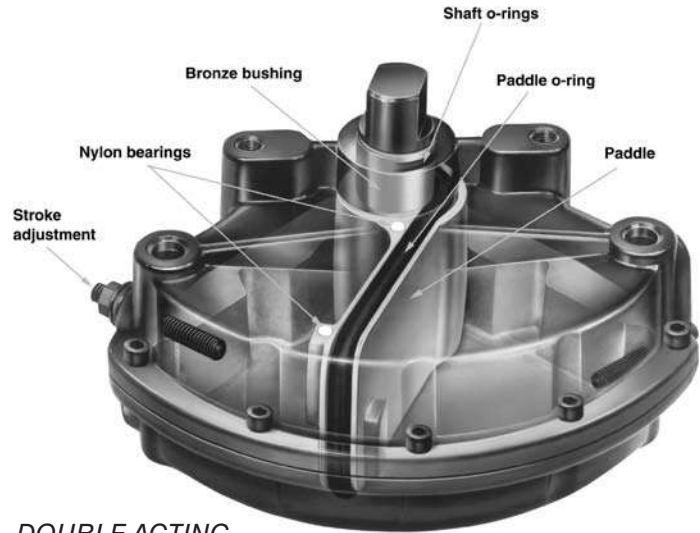
VANE

Standard Features:

- Double acting and fail safe versions available
- Housing – Die-cast aluminum
- Operating Pressure – 40 to 120 PSIG
- Temperature Range – 0°F to 225°F
- Powerful actuation in a compact and lightweight package
- Only one moving part
- Dual external travel stops allow rotation adjustment of up to $\pm 10^\circ$ at each end of the stroke
- Fail safe models use a pneumatic accumulator to assure valve closure upon loss of supply pressure
- Stacking two vane actuators enables 180° movement (2 or 3 position)

Optional Features:

- Limit switch
- Locking device
- Breather block
- Dribble control
- Sandwich de-clutchable manual gear override
- Solenoid valve
- Positioners
- PTFE interior coatings
- High or low temperature trim



DOUBLE ACTING



FAIL SAFE