

**CHALLENGER****SCOTCH YOKE  
ACTUATOR  
FOR 50 – 900 mm BFV****MODEL: MVR****HEAVY DUTY SCOTCH YOKE DESIGN  
ON/OFF or MODULATING CONTROL**SPECIFICALLY DESIGNED TO SUIT THE  
CHALLENGER RANGE OF BUTTERFLY VALVESPNEUMATIC or WATER HYDRAULIC SUPPLY  
CORROSION PROOF CYLINDER  
STAINLESS STEEL TIE RODS**FEATURES:-**

- STAINLESS STEEL BODY
- SCOTCH YOKE DESIGN
- WEATHERPROOF ENCLOSURE
- TORQUES: 53Nm ~ 1241Nm
- SUPPLY: AIR or Water Hydraulic
- SUPPLY PRESSURE: 3 ~ 7 BAR
- TEMPERATURE: - 30 °C 100°C Standard

**OPTIONS:**

- LIMIT SWITCHES
- PROXIMITY SWITCHES
- POSITIONERS
- SOLENOIDS
- FILTER & REGULATOR
- VOLUME TANK

**ACTUATOR MODEL DOUBLE ACTING & SPRING RETURN @ 5.50 BAR AIR SUPPLY**

VALVE	50	65	80	100	125	150	200	225
16 BAR DA	MVR4DA	MVR4DA	MVR4DA	MVR4DA	MVR6DA	MVR16DA	MVR25DA	MVR25DA
16 BAR SR	MVR4SR	MVR6SR	MVR16SR	MVR25SR	MVR38SR	MVR55SR	MVR110SR	MVR110SR

**ACTUATOR MODEL DOUBLE ACTING & SPRING RETURN @ 5.50 BAR AIR SUPPLY**

VALVE	250	300	350	375	400	450	500	600
16 BAR DA	MVR38DA	MVR55DA	MVR76DA	MVR76DA	MVR76DA	MVR110DA	MVR150DA	MVR250DA
16 BAR SR	MVR110SR	MVR110SR	MVR250SR	MVR250SR	MVR250SR	MVR250SR	MVR800SR	MVR800SR

**ACTUATOR MODEL DOUBLE ACTING & SPRING RETURN @ 5.50 BAR AIR SUPPLY**

VALVE	700	750	800	900	1000
16 BAR DA	MVR250DA	MVR400DA	MVR800DA	MVR800DA	N/A
16 BAR SR	N/A	N/A	N/A	N/A	N/A

**CHALLENGER**  
valves and actuators

