

PNEUMATIC ACTUATORS WITH 180° ROTATION



180°/150°/135°/120° DOUBLE ACTING

BI-TORQ[®] offers a complete range of extended body double acting actuators from 120° to 180° rotation. These actuators are ideal for multi-port applications or other specialized processes that require rotation in excess of the standard 90° models. In addition, our engineering staff can design infinite stop plates so that the rotation can be adjusted according to need. With the inclusion of a special limit switch and dual coil solenoid, these actuators are ideal for filling applications that require dribble feed control.

FEATURES

- Rack and pinion design
- Aluminum extruded body
- ISO5211 and NAMUR mounting
- Travel stops
- Anti-blowout pinion
- Female pinion for direct mounting to ISO5211 valves with square shafts
- Stainless steel external fasteners
- Standard open-closed top mount indicator
- Linear torque output
- Customized mounting kits available to mount to virtually any valve
- Limit switches, solenoids and positioners are available with all actuator models

TORQUE OUTPUT

MODEL	40PSI	60PSI	80PSI	100PSI	120PSI
BI-MA-16	137	206	275	344	412
BI-MA-21	250	375	500	625	750
BI-MA-26	375	562	750	937	1125
BI-MA-31	500	750	1000	1250	1500
BI-MA-36	800	1200	1600	2000	2400
BI-MA-41	1000	1500	2000	2500	3000
BI-MA-46	1562	2344	3125	3906	4687
BI-MA-51	2250	3375	4500	5625	6750
BI-MA-61	4550	6825	9100	11375	13650
BI-MA-66	6000	9000	12000	15000	18000

OTHER ACTUATOR OPTIONS FROM BI-TORQ



90° ROTATION
SPRING RETURN AND
DOUBLE ACTING
PNEUMATIC
ACTUATORS



STAINLESS STEEL
SPRING RETURN AND
DOUBLE ACTING
PNEUMATIC
ACTUATORS



ELECTRIC
ACTUATORS
120VAC, 220VAC
24VAC, 12VDC
& 24VDC