

Actuator Sizes and Model Numbers

See (figure 4/page7)

Operating Pressure

Maximum Allowable: Corresponds to maximum output torque. See tables (1 thru 4/page 4,5&6)

Minimum Recommended: Depends on torque required. See tables (1 thru 4/pages 4,5&6)

Maximum Output Torque

See tables (1 thru 4/pages 4,5&6)

Material Temperature Capabilities

Standard: -20° to +200° F (-29° to +93° C)

Optional: 0° to +350° F (-18° to +177° C)

Maximum Valve Shaft Rotation

100 degree maximum actuator rotation can be limited with independent, externally adjustable travel stops. Travel stops are of sufficient size to absorb maximum torque output

Valve Shaft Connection:

See figures (5 thru 8/pages 8 thru 15), dimension K for acceptable valve shaft dimensions. Accepts a keyed shaft.

Standard Construction Materials

Body: Ductile iron

Cylinder: Carbon Steel
Stainless Steel
Amalgon

Piston: Ductile iron

Seals:

Standard: Nitrile

High Temperature: Fluorocarbon

Nuclear: EPR (ethylene propylene rubber)

Pressure Port Connections:

See (dimension I) in figures (5 thru 8/page 6&7)

Stroking Time:

Dependent on actuator size, rotation, and positioner if used. If stroking time is critical, consult your R.S.V.P. sales office or sales representative

Approximate Weights:

See tables (5 and 6/page 6&7)

Accessories

Limit Switches: Models with SPDT and DPDT limit or position indicating switches are available.

Solenoid Valves: Pneumatic input solenoid control valves and pilots are available for standard and fail-safe configurations of double-acting and spring-return actuators

Hydraulic Override

Jackscrew Override

