## **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

Stainless Ste

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:**

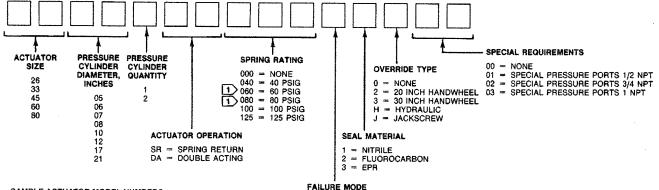
See tables (5 and 6/page 6&7)

### **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-re-

turn actuators
Hydraulic Override
Jackscrew Override



0 = SPRING RETURN FAIL OPEN
A = DOUBLE ACTING FAIL CLOSED
B = DOUBLE ACTING FAIL OPEN
C = SPRING RETURN FAIL CLOSED

- DOUBLE ACTING FAIL LAST

# SAMPLE ACTUATOR MODEL NUMBERS

45101SR060C1000, 45101DA000A1000

#### NOTE:

☐ SPRINGS FOR 60 AND 80 PSIG ARE STANDARD STOCK ITEMS.
FOR OTHER PRESSURES CONTACT THE R.S.V.P. SALES
OFFICE OR SALES REPRENSENTATIVE OR THE FACTORY FOR AVAILABILITY.

② AVAILABLE WITH AN EXTERNAL TANK FOR FAILURE ACTION UPON LOSS
OF ELECTRICITY OR LOSS OF SUPPLY PRESSURE.