



Pneumatically-operated ball valves

APPLICATIONS:

- On-off control of Hoke Flomite, Selectomite, Multimite and Rotoball valves
- Automated Instrument and Process Systems
- Hazardous test areas where remote control is mandatory
- Corrosive Atmospheres

TECHNICAL DATA

Air supply pressure range: 40-125 PSIG
 Operating Temperature: 0° to 200° F
 Cylinder connections *: 1/8" NPT Female
 Cycle Time †: 1 Second (dependent on air supply)
 Weight (less valve): 2-3 lbs.

* The air line supplying and venting the actuator must not restrict air flow. Orifice size of air supply valves should be 1/8" min. to assure full actuator torque output.

† Cycle time should not exceed 10 cycles per minute when operating continuously.



**0239A4
WITH MULTIMITE**

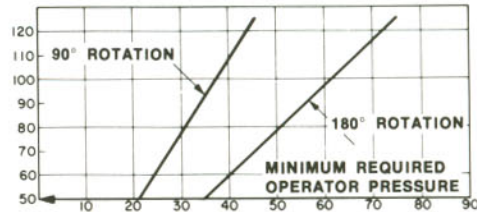


**0249A4
WITH SELECTOMITE**



**0239A4
WITH ROTOBALL**

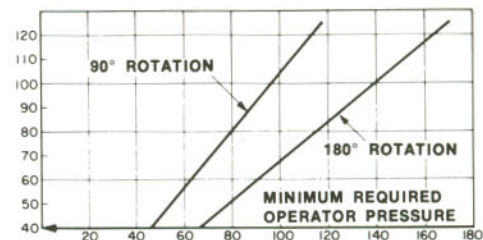
AIR CONSUMPTION CURVES FOR SINGLE ACTING AIR OPERATORS PART NUMBERS 0219A4 and 0229A4



VOLUME OF FREE AIR CONSUMED CU. IN³ AT STANDARD CONDITIONS (70° and 14.7 PSIA)

NOTE: To calculate the volume of free air consumed, isothermal expansion of the operating air is assumed.

AIR CONSUMPTION CURVES FOR DOUBLE ACTING AIR OPERATORS PART NUMBERS 0239A4 and 0249A4



VOLUME OF FREE AIR CONSUMED CU. IN³ AT STANDARD CONDITIONS (70° and 14.7 PSIA)

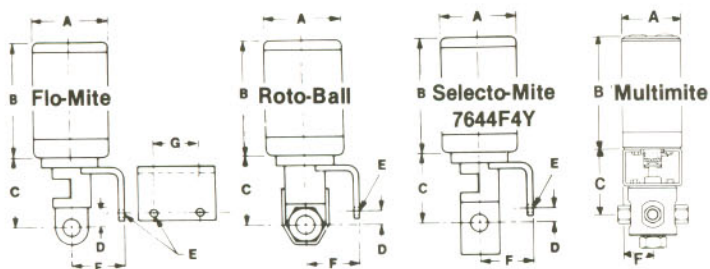
NOTE: To calculate the volume of free air consumed, isothermal expansion of the operating air is assumed.

MINIMUM AIR PRESSURE REQUIRED FOR BREAK AWAY TORQUE OF VALVE

Valve Type	Spring Return Models	Double Acting Models
Flomite (Teflon seats)	65 PSI	45 PSI
Flomite (Kel-F seats)	70 PSI	45 PSI
Rotoball	80 PSI	55 PSI
Selectomite (Teflon seats)	65 PSI	45 PSI
Selectomite (Nylatron seats)	80 PSI	55 PSI
Multimite (Teflon/Nylatron)	60/90 PSI	45/55 PSI

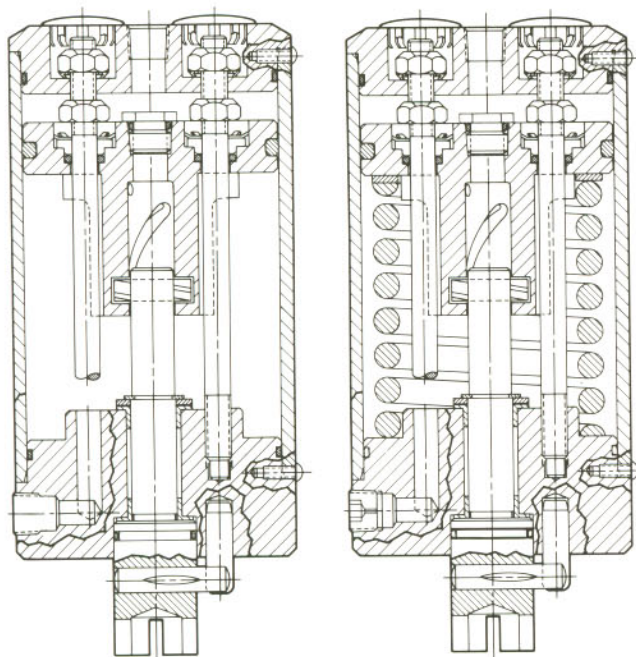
HOW TO ORDER

1. Select the Hoke Flomite, (pg. 10) Rotoball, (pg. 10) Selectomite, (pg. 11) or Multimite, (pg. 11).
2. Now select the desired actuator from the ordering chart.
Example: Flomite #7115G4Y with Actuator 0239A4.



DIMENSIONS

		Multimite	Flo-Mite	Roto-Ball	Selecto-Mite	7644F4Y
A	Inch	2 ³ / ₄	2 ³ / ₄	2 ³ / ₄	2 ³ / ₄	2 ³ / ₄
	mm	21	21	21	21	21
B	Inch	5 ¹ / ₄	5 ¹ / ₄	5 ¹ / ₄	6 ⁷ / ₁₆	6 ⁷ / ₁₆
	mm	133	133	133	163	163
C	Inch	3	2 ³ / ₁₆	2 ³ / ₁₆	2 ³ / ₁₆	2 ¹ / ₂
	mm	76	56	56	56	63
D	Inch	—	1 ⁹ / ₃₂	1 ⁹ / ₃₂	1 ⁹ / ₃₂	2 ⁹ / ₃₂
	mm	—	15	15	15	23
E (2 holes)	Inch	—	1 ⁷ / ₆₄ dia.	1 ⁷ / ₆₄ dia.	1 ⁷ / ₆₄ dia.	1 ⁷ / ₆₄ dia.
	mm	—	7	7	7	7
F	Inch	1 ¹³ / ₃₂	1 ¹³ / ₁₆	1 ¹³ / ₁₆	1 ¹³ / ₁₆	1 ¹³ / ₁₆
	mm	36	46	46	46	46
G	Inch	—	1 ³ / ₈	1 ³ / ₈	1 ³ / ₈	1 ³ / ₈
	mm	—	35	35	35	35



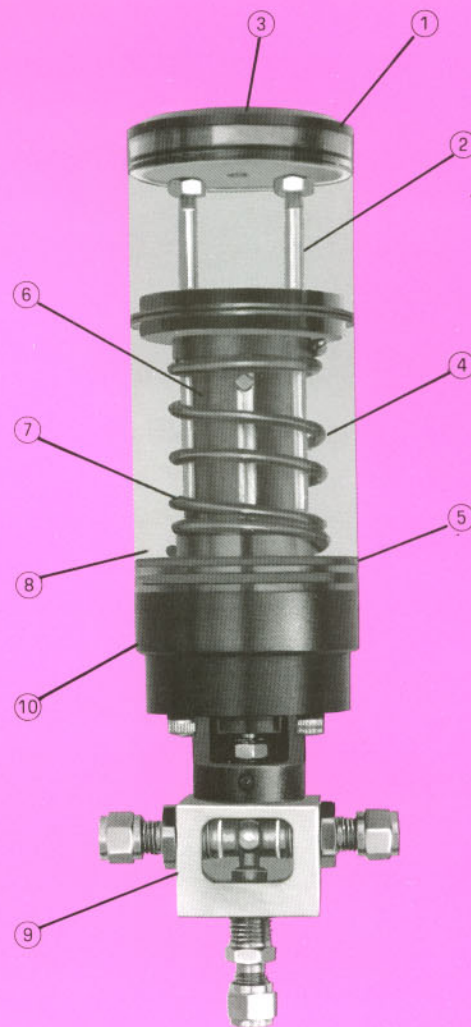
DOUBLE ACTING

SPRING RETURN

ORDER BY ACTUATOR MODEL NUMBER

Hoke Ball Valve Type	90° Operator		180° Operator		Mounting Kit No.
	Double Acting	Spring Return	Double Acting	Spring Return	
Flo-Mite (see page 10)	0239A4	0219A4	—	—	0219K7100
Roto-Ball (see page 10)	0239A4	0219A4	—	—	0219K7200
Selecto-Mite (see page 11)	—	—	0249A4	0229A4	0229K7165* 0229K7644†
Multimite (see page 11)	0239A4	0219A4	—	—	0219K7900

*For valves 7165, 7671, 7673 †For model 7644



0229A4

FEATURES:

- ① Choice of (single acting-spring return) or (double acting-no spring) models for actuating 2, 3, and 4 way ball valves.
- ② Four Actuators cover all ball valve combinations.
- ③ Operating air required to actuate Hoke valves (40-125 PSIG).
- ④ Spring return models provide "Fail Safe Operation" to open or close valve in case of air pressure failure.
- ⑤ Light weight aluminum construction is standard—Stainless steel is available for corrosive atmospheres.
- ⑥ Unique Helical-Spline design provides immediate operation.
- ⑦ All moving parts are enclosed and lubricated for longer life.
- ⑧ Compact design provides space saving installation.
- ⑨ Valves come fully assembled to Actuators.
- ⑩ Long cycle life.