

Pneumatic Actuators

Ordering Information

Factory-Assembled Valves with Actuators

Typical Ordering Number

A B C D
SS - 83KF2 -31 D HT

A Valve Ordering Number

B Actuator Model

Based on valve series, flow pattern, and actuation mode, select an actuator designator. See **Actuator Pressure at Maximum System Pressure** tables, page 10.

- 31 = 90° actuation
- 33 = 90° actuation
- 51 = 180° actuation
- 53 = 180° actuation

C Actuation Mode

- C** = Spring return, normally closed
- D** = Double acting
- O** = Spring return, normally open
- S** = Spring return, 3-way valves

D Actuator Service

- HT** = High temperature
- LT** = Low temperature
- NF** = Nonfluorocarbon
- None** = Standard

*For dual-mounted assemblies (two valves mounted to one actuator), add **DM** to the ordering number.*

Example: SS-83KF2-31DDM

Kits for Field Assembly

Order one actuator kit and one mounting bracket kit for each valve.

Actuator Kit Typical Ordering Number

A B C
MS-1 31 - DA -HT

A Actuator Model

Based on valve series, flow pattern, and actuation mode, select an actuator designator. See **Actuator Pressure at Maximum System Pressure** tables, page 10.

- 31** = 90° actuation
- 33** = 90° actuation
- 51** = 180° actuation
- 53** = 180° actuation

B Actuation Mode

- DA** = Double acting
- SR** = Spring return

C Actuator Service

- HT** = High temperature
- LT** = Low temperature
- NF** = Nonfluorocarbon
- None** = Standard

Mounting Bracket Kits

Mounting bracket kits contain:

- 316 stainless steel mounting bracket
- carbon steel coupling
- stainless steel stop pin (90° actuation, 2 roll pins; 180° actuation, 1 roll pin)
- S17400 set screw
- instructions.

Valve Series	Actuator Model	Mounting Bracket Kit Ordering Number
83, H83 2-way	31 (90°)	MS-MB-83-131
	33 (90°)	MS-MB-83-133
83, H83 3-way	51 (180°)	MS-MB-83-131
	53 (180°)	MS-MB-83-133