

Flo-Tite, Inc.

Valves & Controls

User Friendly, Accurate

Quick & Easy - Automation Sizing & Selection Guide for Flo-Tite Ball Valves
 Differential pressure, seat material, media type and temperature will effect actuator sizing.
 Flo-Tite Actuator Selections are based on valves with standard seats clean fluid only at ambient temperatures and rated pressures not to exceed 800 PSI.

Full Port Models: T75, 200/300, F150, F300

VALVE SIZE IN INCHES	DOUBLE ACTING		SPRING RETURN		ELECTRIC 120 VAC
	60 psi	80 psi	60 psi	80 psi	
1/4, 3/8, 1/2	DA050	DA050	SR063-4	SR050-6	VB015
3/4	DA050	DA050	SR063-4	SR063-6	VB015
1	DA063	DA050	SR075-4	SR063-6	VB015
1-1/4	DA075	DA063	SR075-4	SR085-6	VB030
1-1/2	DA075	DA075	SR100-4	SR085-6	VB060
2	DA075	DA075	SR115-4	SR100-6	VB060
2-1/2	DA100	DA085	SR115-5	SR115-6	VB100
3	DA100	DA100	SR145-4	SR125-6	VB110
4	DA125	DA115	SR160-5	SR145-6	VB270
6	DA200	DA200	C / F	C / F	RCEL-60
8-10"	C / F	C / F	C / F	C / F	RCEL-150

Reduced Port Models: SF150

VALVE SIZE IN INCHES	DOUBLE ACTING		SPRING RETURN		ELECTRIC 120 VAC
	60 psi	80 psi	60 psi	80 psi	
2	DA075	DA075	SR100-4	SR085-6	VB060
3	DA100	DA085	SR115-4	SR115-6	VB110
4	DA100	DA100	SR145-4	SR125-6	VB110
6	DA125	DA115	SR160-5	SR160-6	VB270
8	DA200	DA160	C / F	C / F	RCEL-60
10	C / F	C / F	C / F	SR270-6	
12	C / F	C / F	C / F	C / F	

High Performance Tri-Pro Series: HPF 40/50, HPS 40/50

VALVE SIZE IN INCHES	DOUBLE ACTING		SPRING RETURN		ELECTRIC 120 VAC
	60 psi	80 psi	60 psi	80 psi	
1/2 FP	DA050	DA050	SR063-4	SR063-6	C/F
3/4 FP	DA063	DA063	SR075-4	SR075-6	C/F
3/4 SP	DA063	DA063	SR075-4	SR063-6	C/F
1 FP	DA075	DA075	SR085-4	SR075-6	C/F
1 SP	DA075	DA075	SR075-4	SR075-6	C/F
1-1/4 FP	DA085	DA085	SR085-4	SR085-6	C/F
1-1/4 SP	DA085	DA075	SR085-4	SR085-6	C/F
1-1/2 FP	DA085	DA085	SR100-4	SR100-6	C/F
1-1/2 SP	DA085	DA085	SR100-4	SR085-6	C/F
2FP	DA100	DA100	SR115-4	SR115-6	C/F
2SP	DA100	DA085	SR115-4	SR100-6	C/F

Models: MPT100 and MPF15 3-Way Multi-Port Ball Valve (90°)

VALVE SIZE IN INCHES	DOUBLE ACTING		SPRING RETURN		ELECTRIC 120 VAC
	60 psi	80 psi	60 psi	80 psi	
MPT100					
1/4" - 1/2"	DA050	DA050	SR063-5	SR063-6	CONSULT
3/4"	DA063	DA063	SR085-4	SR075-6	FACTORY
1"	DA075	DA075	SR100-4	SR085-6	
1 1/4"	DA075	DA075	SR115-4	SR100-6	
1 1/2"	DA085	DA085	SR115-5	SR115-6	
2"	DA100	DA085	SR125-5	SR115-6	
MPF15					
3/4"	DA075	DA075	SR100-4	SR085-6	CONSULT
1"	DA075	DA075	SR115-4	SR100-6	FACTORY
1 1/2"	DA085	DA085	SR115-4	SR100-6	
2"	DA100	DA085	SR125-4	SR115-6	
3"	DA125	DA115	SR200-4	SR160-6	
4"	DA160	DA145	C/F	SR200-6	
6"	DA270	DA200	C/F	SR270-6	

Also available 180° actuation C/F

Models: T3100-CS / T24

VALVE SIZE IN INCHES	DOUBLE ACTING		SPRING RETURN		ELECTRIC 120 VAC
	60 psi	80 psi	60 psi	80 psi	
1/4", 3/8", 1/2"	DA063	DA063	SR075-4	SR063-6	CONSULT
3/4"	DA075	DA063	SR075-4	SR075-6	FACTORY
1"	DA075	DA075	SR085-4	SR075-6	
1-1/4"	DA085	DA085	SR100-4	SR085-6	
1-1/2"	DA085	DA085	SR115-4	SR100-6	
2"	DA100	DA100	SR125-4	SR115-6	
2-1/2"	DA115	DA115	SR125-4	SR125-6	
3"	DA125	DA115	SR160-4	SR145-6	

(Based on 2000 PSIG Wet Service Conditions For Above Sizing)

EASY-LINK

PRECISION ENGINEERED MOUNTING HARDWARE

Each EASY-LINK unit is designed to interchange with many different valve models and sizes. To ensure optimum performance, all Flo-Tite actuation packages are assembled and tested at the factory.

Flo-Tite's I-SO-MOUNT provides an excellent base to mount costly actuator and control equipment. I-So-mount also eliminates torsional stress commonly associated with regular bracket type mounts with two bolt type pads or 3-PC design valves that use body bolts or end caps to mount brackets. Added advantage includes serviceability of actuator while valve is under full line pressure.

Flo-Tite's HI-TEK STEM design offers high cycle life reaching 100,000 cycles and more, excellent for high cycle automation requirements.

AIR-CON SERIES of Pneumatic Actuators feature ISO 5211 mounting dimensions and NAMUR solenoid and accessory interface dimensions.

This brochure is general in nature and manufacturer reserves the right to alter materials or to make design improvements.