

Valve Linkages

Application

The AV-644 Valve Linkage is designed for mounting MF-22XX3 series Floating Electric and MS-22353 Proportional actuators onto Invensys series valve bodies.

Features:

- Provides direct couple interface between actuators and valve bodies.

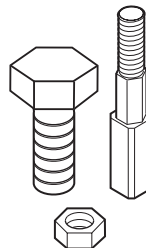
Specifications

- Actuator mounting: In any upright position with actuator above the center line of the valve body.
- Replaces AV-643 Valve Linkage (plastic).

Note: AV-644-10 includes the drive screw.

AV-644 and AV-644-10

Valve Linkage Kit



Application

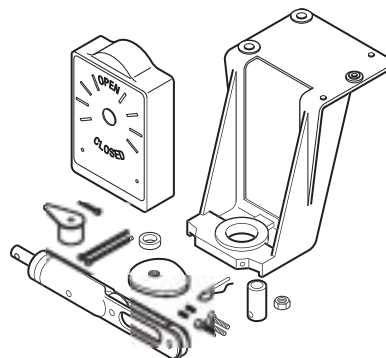
Provides the interface between electric gear train actuators and Honeywell V-5011 two-way and V-5013 three-way (1/2 to 3 in.) valve bodies with 1-3/8 in. bonnets.

Specifications

- Actuator mounting: In any upright position with actuator above center line of the valve body.
- Minimum actuator torque required: 50 lb-in. (5.6 N-m). Actuator must have 180° stroke.
- Stem force: 150 lb (667 N).
- Typical actuators:
 - MA-318, 318-500, 416, 416-500, 418, 418-500, 419, 419-500.
 - MC-351, 421, 431, 4311 and MC5-4311.
 - MP-361, 371, 381, 382, 421, 422, 451, 452, 461-600, 465, 471-600, 475, 481-600, 485, 486, 4851.
 - MP5-4651, 4751, 4851.

AV-650

Electric/Electronic Valve Linkage Kit



Close-Off Pressure Ratings

Valve Body		Close-Off Pressure Ratings psi (kPa) ^a	Valve Body		Close-Off Pressure Ratings psi (kPa) ^a
V-5011	1/2 in.	150 (1034)	V-5013	1/2 in.	150 (1034)
	3/4 in.			3/4 in.	
	1 in.			1 in.	
	1-1/4 in.	132 (910)		1-1/4 in.	137 (945)
	1-1/2 in.	85 (586)		1-1/2 in.	92 (634)
	2 in.	52 (359)		2 in.	63 (434)
	2-1/2 in.	30 (207)		2-1/2 in.	30 (207)
	3 in.	19 (131)		3 in.	21 (145)

^a Based on 1050 lb (668 N) stem force.