

Generic Input		Easytork internal use only	
Valve Brand	A-T Controls	Valve Brand Truncate	AT
Series	90 (Class 150)	Series Truncate	90
Input: 1 = mm / 2 = in	2		
Safety Factor	25%		

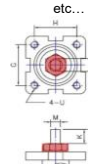
Actuator Design Year   16

Valve Input

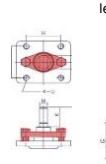
Valve Torque				Section Only For Non Direct Mount ("D.M"), Otherwise Leave Blank						Valve Dimension								
Direct Mount Check				Bracket Check		Extended Shaft Check		Buyer Preference		Valve Info		Valve Flange		Valve Dimension		Valve Stem Shape and Dimension		Insert orientation when valve is CLOSED. If Sq 1=diamond / 2=square If DD or B+K 1=in line / 2=not in line  <b>1 = Diamond or in line / 2=Square or not in line</b>
Published valve torque	Incl. safety factor	Any obstruction over flange?	1=Yes / 0=No	Possible obstruction for std. Easytork bracket?	Out. dia. of obstruction over flange surface	Are bolts for packing gland close to valve stem height?	If bolts interfere with valve stem, what is inside dia. between bolts?	If w/ bracket: How much valve stem capture?	If known, capturable valve stem height	In ISO (i.e. F05) or in	Flange to top of valve stem	Stem Shape <b>1 = Square</b> <b>2 = Double D</b> <b>3 = Bore + Key</b>	Valve stem dimension in in or mm	V Sq - sq DD - bore b+k - bore	V1 Sq - sq DD - flat b+k - key	V2 b+k - key (leave blank if Sq or DD)		
				in-lb	in-lb	1=Yes / 0=No	1=Yes / 0=No	in/mm	1=Yes / 0=No	in/mm	in/mm	in/mm	in/mm	in/mm	Key	in / mm	in/mm	
1/2"	92	115	Yes	Yes	1.170	No		0.330	0.36	F04	0.92	2	in	0.430	0.315		1	
3/4"	127	159	Yes	Yes	1.170	No		0.350	0.40	F04	0.94	2	in	0.430	0.315		1	
1"	150	188	Yes	Yes	1.370	No		0.360	0.42	F05	0.94	2	in	0.560	0.382		1	
1 1/2"	311	389	Yes	Yes	2.170	No		0.520	0.58	F07	1.37	2	in	0.750	0.472		1	
2"	396	495	Yes	Yes	2.170	No		0.520	0.58	F07	1.37	2	in	0.750	0.472		1	
2 1/2"	657	821	Yes	Yes	2.170	No		0.520	0.58	F07	1.37	2	in	0.750	0.472		1	
3"	980	1,225	Yes	Yes	2.760	No		0.860	0.93	F10	1.81	2	in	0.940	0.591		1	
4"	1,700	2,125	Yes	Yes	2.760	No		0.860	0.93	F10	1.79	2	in	0.940	0.591		1	
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Notes:

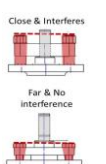
le. Gland, capi, etc...



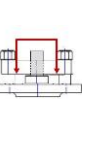
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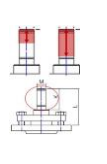
Close & Interferes



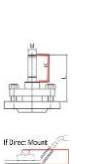
Far & No interference



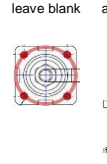
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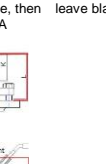
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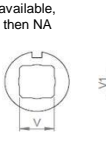
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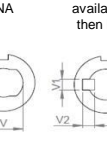
If info not available, then NA



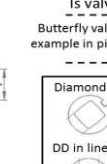
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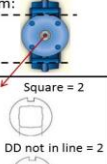
If info not available, then NA




If info not available, then NA



If info not available, then NA



When Valve Is CLOSED Is valve stem: Butterfly valve as example in pipeline



Diamond = 1      Square = 2

DD in line = 1      DD not in line = 2

Key in line = 1      Key not in line = 2

**Disclaimer: Based on information available from valve manufacturer. All dimensions to be verified by customer prior to purchase confirmation.**

Valve Size	Required Actuator Range	Actuator Torque (Actual torque, no additional safety factor included)				Individual Part Order Code* (If ordered with the below order codes, Easytork will ship each part as standalone)				2017 List Price					Complete Actuator to Valve Order Code*	
		DA @ 60PSI	DA @ 80PSI	FS @ 60PSI	FS @ 80PSI	Actuator	Insert	Extended Shaft	Bracket	Actuator +	Insert +	Extended Shaft +	Bracket or Plate +	= Total Package: Actuator and hardware for mounting to valve		
1/2"	EVA-0309	146	195	95	127	C-A-1-11-1-111	D-112-0.430x0.315in	K-AS-1-1-1-2	B-2-F04S-F04S-1.59in							AT.90.1/2".0309.16
	EVA-0411	288	384	187	250	C-A-2-11-1-111	D-212-0.430x0.315in	K-AS-2-1-1-2	B-2-F04S-F04S-1.59in							AT.90.1/2".0411.16
3/4"	EVA-0309	146	195	95	127	C-A-1-11-1-111	D-112-0.430x0.315in	K-AS-1-1-1-2	B-2-F04S-F04S-1.59in							AT.90.3/4".0309.16
	EVA-0411	288	384	187	250	C-A-2-11-1-111	D-212-0.430x0.315in	K-AS-2-1-1-2	B-2-F04S-F04S-1.59in							AT.90.3/4".0411.16
1"	EVA-0411	288	384	187	250	C-A-2-11-1-111	D-212-0.560x0.382in	K-AS-2-1-1-2	B-2-F05S-F04S-1.58in							AT.90.1".0411.16
	EVA-0514	572	763	372	496	C-A-3-11-1-111	D-312-0.560x0.382in	K-AS-3-1-1-2	B-2-F05M-F05M-2.08in							AT.90.1".0514.16
1 1/2"	EVA-0514	572	763	372	496	C-A-3-11-1-111	D-312-0.750x0.472in	K-AS-3-1-1-2	B-2-F07M-F05M-2.35in							AT.90.1 1/2".0514.16
	EVA-0717	1,144	1,526	744	992	C-A-4-11-1-111	D-412-0.750x0.472in	K-AS-4-1-1-2	B-2-F07M-F07M-2.35in							AT.90.1 1/2".0717.16
2"	EVA-0514	572	763	372	496	C-A-3-11-1-111	D-312-0.750x0.472in	K-AS-3-1-1-2	B-2-F07M-F05M-2.35in							AT.90.2".0514.16
	EVA-0717	1,144	1,526	744	992	C-A-4-11-1-111	D-412-0.750x0.472in	K-AS-4-1-1-2	B-2-F07M-F07M-2.35in							AT.90.2".0717.16
2 1/2"	EVA-0717	1,144	1,526	744	992	C-A-4-11-1-111	D-412-0.750x0.472in	K-AS-4-1-1-2	B-2-F07M-F07M-2.35in							AT.90.2 1/2".0717.16
	EVA-1022	2,289	3,051	1,488	1,983	C-A-5-11-1-111	D-512-0.750x0.472in	K-AS-5-1-1-2	B-2-F07L-F10L-2.6in							AT.90.2 1/2".1022.16
3"	EVA-0717	1,144	1,526	744	992	C-A-4-11-1-111	D-412-0.940x0.591in	K-AS-4-1-1-2	B-2-F10L-F10L-2.45in							AT.90.3".0717.16
	EVA-1022	2,289	3,051	1,488	1,983	C-A-5-11-1-111	D-512-0.940x0.591in	K-AS-5-1-1-2	B-2-F10L-F10L-2.7in							AT.90.3".1022.16
4"	EVA-1022	2,289	3,051	1,488	1,983	C-A-5-11-1-111	D-512-0.940x0.591in	K-AS-5-1-1-2	B-2-F10L-F10L-2.68in							AT.90.4".1022.16
	EVA-1227	4,577	6,103	2,975	3,967	C-A-6-11-1-111	D-612-0.940x0.591in	K-AS-6-1-1-2	B-2-F10L-F12L-2.68in							AT.90.4".1227.16

Easytork will ship the actuator, insert, extended shaft, and bracket unassembled in one SKU box.

Refer to [Assembly & Labor tab](#) if buyer wants Easytork to assemble items together.

**Disclaimer: Based on information available from valve manufacturer. All dimensions to be verified by customer prior to purchase confirmation.**

**Note\*: Only for actuator and hardware required for mounting to valve. Order auxiliary add-ons (e.g., solenoid valve, lockout & PST, limit switch, chemical resistant adder, etc.) separately. If buyer requires assembly of auxiliary add-ons and/or valve, labor will be charged separately.**