

Generic Input		Easytork internal use only	
Valve Brand	A-T Controls	Valve Brand Truncate	AT
Series	F90 150#	Series Truncate	F90
Input: 1 = mm / 2 = in	2		
Safety Factor	25%		

Actuator Design Year   16

Valve Input

Direct Mount				Section Only For Non Direct Mount ("D.M"), Otherwise Leave Blank						Valve Dimension								
Valve Torque		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  1 = Diamond or in line / 2=Square or not in line
Published valve torque	Incl. safety factor	Any obstruction over flange?	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)	Flange to top of valve stem	Stem Shape	Valve stem dimension in in or mm	V	V1	V2			
Valve Size	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	in/mm	Key	in / mm	in/mm	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		0.300	0.32	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:

ie. Gland, capi, etc...

If not known, leave blank

Close & Interferes

Far & No interference

If not known, leave blank

If not known, leave blank

If not known, leave blank

If not known, leave blank

If info not available, then NA

If not known, leave blank

If info not available, then NA

If info not available, then NA

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.**

		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*
Valve Size	Required Actuator Range	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.F90.1/2".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.F90.1/2".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.F90.3/4".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.F90.3/4".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-1.64in						AT.F90.1".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-2.14in						AT.F90.1".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.F90.1 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.F90.1 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.F90.2".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.F90.2".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.F90.2 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.F90.2 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.F90.3".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.F90.3".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.F90.4".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.F90.4".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.

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**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.**