

Generic Input		Easytork internal use only	
Valve Brand	A-T Controls	Valve Brand Truncate	AT
Series	83 / F83	Series Truncate	83
Input: 1 = mm / 2 = in	2		
Safety Factor	25%		

Actuator Design Year  16

Valve Input

Valve Torque		Direct Mount Check		Section Only For Non Direct Mount ("D.M"), Otherwise Leave Blank						Valve Dimension							
				Bracket Check		Extended Shaft Check		Buyer Preference		Valve Info		Valve Flange Dimension		Valve Stem Shape and Dimension			
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)	Flange to top of valve stem	Stem Shape	Valve stem dimension in in or mm	V Sq - sq DD - bore	V1 Sq - sq DD - flat b+k - key	V2 b+k - key (leave blank if Sq or DD)	Insert orientation when valve is CLOSED. If Sq 1=diamond / 2=Square If DD or B+K 1=in line / 2=not in line
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
1/4"	60	75	Yes	Yes	0.980	No		0.230	0.24	F03	0.29	2	in	0.370	0.256		1
3/8"	60	75	Yes	Yes	0.980	No		0.230	0.24	F03	0.29	2	in	0.370	0.256		1
1/2"	70	88	Yes	Yes	0.980	No		0.250	0.29	F03	0.63	2	in	0.370	0.256		1
3/4"	90	113	Yes	Yes	0.980	No		0.320	0.35	F03	0.71	2	in	0.370	0.256		1
1"	130	163	Yes	Yes	1.180	No		0.400	0.43	F04	0.97	2	in	0.440	0.315		1
1 1/4"	210	263	Yes	Yes	1.180	No		0.350	0.38	F04	0.96	2	in	0.440	0.315		1
1 1/2"	275	344	Yes	Yes	1.380	No		0.430	0.48	F05	1.19	2	in	0.560	0.382		1
2"	400	500	Yes	Yes	1.380	No		0.450	0.50	F05	1.02	2	in	0.560	0.382		1
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Notes:

ie. Gland, capi, etc...

Close & Interferes

Far & No interference

If Direct Mount

V

V2

Diamond = 1

Square = 2

DD in line = 1

DD not in line = 2

Key in line = 1

Key not in line = 2

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

**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		
1/4"	EVA-0309	146	195	95	127	C-A-1-11-1-111	D-112-0.370x0.256in	K-AS-1-1-1-2	#VALUE!							AT.83.1/4".0309.16
	EVA-0309	146	195	95	127	C-A-1-11-1-111	D-112-0.370x0.256in	K-AS-1-1-1-2	#VALUE!							AT.83.1/4".0309.16
3/8"	EVA-0309	146	195	95	127	C-A-1-11-1-111	D-112-0.370x0.256in	K-AS-1-1-1-2	#VALUE!							AT.83.3/8".0309.16
	EVA-0309	146	195	95	127	C-A-1-11-1-111	D-112-0.370x0.256in	K-AS-1-1-1-2	#VALUE!							AT.83.3/8".0309.16
1/2"	EVA-0309	146	195	95	127	C-A-1-11-1-111	D-112-0.370x0.256in	K-AS-1-1-1-2	B-2-F03S-F04S-1.38in							AT.83.1/2".0309.16
	EVA-0309	146	195	95	127	C-A-1-11-1-111	D-112-0.370x0.256in	K-AS-1-1-1-2	B-2-F03S-F04S-1.38in							AT.83.1/2".0309.16
3/4"	EVA-0309	146	195	95	127	C-A-1-11-1-111	D-112-0.370x0.256in	K-AS-1-1-1-2	B-2-F03S-F04S-1.39in							AT.83.3/4".0309.16
	EVA-0411	288	384	187	250	C-A-2-11-1-111	D-212-0.370x0.256in	K-AS-2-1-1-2	B-2-F03S-F04S-1.39in							AT.83.3/4".0411.16
1"	EVA-0309	146	195	95	127	C-A-1-11-1-111	D-112-0.440x0.315in	K-AS-1-1-1-2	B-2-F04S-F04S-1.57in							AT.83.1".0309.16
	EVA-0411	288	384	187	250	C-A-2-11-1-111	D-212-0.440x0.315in	K-AS-2-1-1-2	B-2-F04S-F04S-1.57in							AT.83.1".0411.16
1 1/4"	EVA-0411	288	384	187	250	C-A-2-11-1-111	D-212-0.440x0.315in	K-AS-2-1-1-2	B-2-F04S-F04S-1.61in							AT.83.1 1/4".0411.16
	EVA-0514	572	763	372	496	C-A-3-11-1-111	D-312-0.440x0.315in	K-AS-3-1-1-2	B-2-F04M-F05M-2.11in							AT.83.1 1/4".0514.16
1 1/2"	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-1.76in							AT.83.1 1/2".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-2.26in							AT.83.1 1/2".0514.16
2"	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-2.07in							AT.83.2".0514.16
	EVA-0717	1,144	1,526	744	992	C-A-4-11-1-111	D-412-0.560x0.382in	K-AS-4-1-1-2	B-2-F05M-F07M-2.07in							AT.83.2".0717.16

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.**