

<b>Generic Input</b>		Easytork internal use only	
Valve Brand	A-T Controls	Valve Brand Truncate	AT
Series	77	Series Truncate	77
Input: 1 = mm / 2 = in	2		
Safety Factor	25%		

Actuator Design Year  16

Valve Input				Section Only For Non Direct Mount ("D.M"), Otherwise Leave Blank						Valve Dimension							
Valve Torque		Direct Mount Check		Bracket Check		Extended Shaft Check		Buyer Preference		Valve Info		Valve Flange		Valve 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	V1	V2	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
1/2"	95	119	No								F03	0.25	1	in	0.350	0.350	
3/4"	100	125	No								F03	0.27	1	in	0.350	0.350	
1"	160	200	No								F05	0.44	1	in	0.430	0.430	
1 1/2"	410	513	No								F05	0.56	1	in	0.550	0.550	
2"	490	613	No								F05	0.56	1	in	0.550	0.550	
2 1/2"	1,010	1,263	No								F07	0.67	1	in	0.670	0.670	
3"	1,075	1,344	No								F07	0.71	1	in	0.670	0.670	
4"	1,400	1,750	No								F10	0.67	1	in	0.748	0.748	
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Notes:

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									AT.77.1/2".0309.16
	EVA-0411	288	384	187	250	C-A-2-11-1-111	D-211-0.350x0.350in								AT.77.1/2".0411.16
3/4"	EVA-0309	146	195	95	127	C-A-1-11-1-111									AT.77.3/4".0309.16
	EVA-0411	288	384	187	250	C-A-2-11-1-111	D-211-0.350x0.350in								AT.77.3/4".0411.16
1"	EVA-0411	288	384	187	250	C-A-2-11-1-111									AT.77.1".0411.16
	EVA-0514	572	763	372	496	C-A-3-11-1-111	D-311-0.430x0.430in								AT.77.1".0514.16
1 1/2"	EVA-0514	572	763	372	496	C-A-3-11-1-111									AT.77.1 1/2".0514.16
	EVA-0717	1,144	1,526	744	992	C-A-4-11-1-111	D-411-0.550x0.550in								AT.77.1 1/2".0717.16
2"	EVA-0514	572	763	372	496	C-A-3-11-1-111									AT.77.2".0514.16
	EVA-0717	1,144	1,526	744	992	C-A-4-11-1-111	D-411-0.550x0.550in								AT.77.2".0717.16
2 1/2"	EVA-0717	1,144	1,526	744	992	C-A-4-11-1-111									AT.77.2 1/2".0717.16
	EVA-1022	2,289	3,051	1,488	1,983	C-A-5-11-1-111	D-511-0.670x0.670in								AT.77.2 1/2".1022.16
3"	EVA-0717	1,144	1,526	744	992	C-A-4-11-1-111									AT.77.3".0717.16
	EVA-1022	2,289	3,051	1,488	1,983	C-A-5-11-1-111	D-511-0.670x0.670in								AT.77.3".1022.16
4"	EVA-1022	2,289	3,051	1,488	1,983	C-A-5-11-1-111	D-511-0.748x0.748in								AT.77.4".1022.16
	EVA-1227	4,577	6,103	2,975	3,967	C-A-6-11-1-111	D-611-0.748x0.748in								AT.77.4".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.**