

Generic Input		Easytork internal use only	
Valve Brand	Apollo	Valve Brand Truncate	AP
Series	77-AR	Series Truncate	77-AR
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 Flange		Valve Stem Shape and Dimension					
				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)	Dimension	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
Published valve torque	Incl. safety factor	Any obstruction over flange?	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"	100	125	Yes	No		No		0.200		0.23	1.65	0.61	2	in	0.375	0.249	
3/8"	100	125	Yes	No		No		0.200		0.23	1.65	0.61	2	in	0.375	0.249	
1/2"	100	125	Yes	No		No		0.180		0.21	1.65	0.61	2	in	0.375	0.249	
3/4"	170	213	Yes	No		No		0.280		0.31	1.97	0.84	2	in	0.375	0.249	
1"	280	350	Yes	No		No		0.350		0.40	2.76	1.06	2	in	0.625	0.372	
1 1/2"	580	725	Yes	No		No		0.340		0.37	2.76	1.16	2	in	0.625	0.372	
2"	680	850	Yes	No		No		0.340		0.37	2.76	1.16	2	in	0.625	0.372	
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Notes:

le. 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 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.**

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)				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-112-0.375x0.249in	K-AS-1-1-1-2	B-2-F04S-F04S-1.41in							AP.77-AR.1/4".0309.16
	EVA-0411	288	384	187	250	C-A-2-11-1-111	D-212-0.375x0.249in	K-AS-2-1-1-2	B-2-F04S-F04S-1.41in							AP.77-AR.1/4".0411.16
3/8"	EVA-0309	146	195	95	127	C-A-1-11-1-111	D-112-0.375x0.249in	K-AS-1-1-1-2	B-2-F04S-F04S-1.41in							AP.77-AR.3/8".0309.16
	EVA-0411	288	384	187	250	C-A-2-11-1-111	D-212-0.375x0.249in	K-AS-2-1-1-2	B-2-F04S-F04S-1.41in							AP.77-AR.3/8".0411.16
1/2"	EVA-0309	146	195	95	127	C-A-1-11-1-111	D-112-0.375x0.249in	K-AS-1-1-1-2	B-2-F04S-F04S-1.43in							AP.77-AR.1/2".0309.16
	EVA-0411	288	384	187	250	C-A-2-11-1-111	D-212-0.375x0.249in	K-AS-2-1-1-2	B-2-F04S-F04S-1.43in							AP.77-AR.1/2".0411.16
3/4"	EVA-0411	288	384	187	250	C-A-2-11-1-111	D-212-0.375x0.249in	K-AS-2-1-1-2	B-2-F05S-F04S-1.56in							AP.77-AR.3/4".0411.16
	EVA-0514	572	763	372	496	C-A-3-11-1-111	D-312-0.375x0.249in	K-AS-3-1-1-2	B-2-F05M-F05M-2.06in							AP.77-AR.3/4".0514.16
1"	EVA-0411	288	384	187	250	C-A-2-11-1-111	D-212-0.625x0.372in	K-AS-2-1-1-2	B-2-F07M-F04M-1.71in							AP.77-AR.1".0411.16
	EVA-0514	572	763	372	496	C-A-3-11-1-111	D-312-0.625x0.372in	K-AS-3-1-1-2	B-2-F07M-F05M-2.21in							AP.77-AR.1".0514.16
1 1/2"	EVA-0514	572	763	372	496	C-A-3-11-1-111	D-312-0.625x0.372in	K-AS-3-1-1-2	B-2-F07M-F05M-2.32in							AP.77-AR.1 1/2".0514.16
	EVA-0717	1,144	1,526	744	992	C-A-4-11-1-111	D-412-0.625x0.372in	K-AS-4-1-1-2	B-2-F07M-F07M-2.32in							AP.77-AR.1 1/2".0717.16
2"	EVA-0717	1,144	1,526	744	992	C-A-4-11-1-111	D-412-0.625x0.372in	K-AS-4-1-1-2	B-2-F07M-F07M-2.32in							AP.77-AR.2".0717.16
	EVA-1022	2,289	3,051	1,488	1,983	C-A-5-11-1-111	D-512-0.625x0.372in	K-AS-5-1-1-2	B-2-F07L-F10L-2.57in							AP.77-AR.2".1022.16

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.**