

Generic Input		Easytork internal use only		Actuator Design Year	16
Valve Brand	Apollo	Valve Brand Truncate	AP		
Series	86A-100	Series Truncate	86A-100		
Input: 1 = mm / 2 = in	2				
Safety Factor	25%				

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
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	in/mm
1/4"	75	94	Yes	Yes		Yes	94	Yes	0.23		1.42	0.58	2	in	0.375	0.245	1
3/8"	75	94	Yes	Yes		Yes	94	Yes	0.23		1.42	0.58	2	in	0.375	0.245	1
1/2"	75	94	Yes	Yes		Yes	94	Yes	0.23		1.42	0.58	2	in	0.375	0.245	1
3/4"	121	151	Yes	Yes		Yes	151	Yes	0.24		1.97	0.70	2	in	0.500	0.312	1
1"	180	225	Yes	Yes		Yes	225	Yes	0.48		1.97	1.00	2	in	0.500	0.287	1
1 1/4"	335	419	Yes	Yes		No	419		0.500	0.500	2.76	1.40	2	in	0.625	0.412	1
1 1/2"	335	419	Yes	Yes		No	419		0.500	0.500	2.76	1.40	2	in	0.625	0.412	1
2"	422	528	Yes	Yes		No	528	0.600	0.80	0.80	2.76	1.57	2	in	0.750	0.477	1
			0														
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Notes:

le. Gland, capi, etc...

If not known, leave blank

Close & Interferes

Far & No interference

If not known, leave blank

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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	Use Apollo Hardware, actuator has 9mm sq stem										AP.86A-100.1/4".0309.16	
	EVA-0309	146	195	95	127	C-A-1-11-1-111												Use Apollo Hardware, actuator has 9mm sq stem
3/8"	EVA-0309	146	195	95	127	C-A-1-11-1-111	Use Apollo Hardware, actuator has 9mm sq stem											AP.86A-100.3/8".0309.16
	EVA-0309	146	195	95	127	C-A-1-11-1-111												
1/2"	EVA-0309	146	195	95	127	C-A-1-11-1-111	Use Apollo Hardware, actuator has 9mm sq stem											AP.86A-100.1/2".0309.16
	EVA-0309	146	195	95	127	C-A-1-11-1-111												
3/4"	EVA-0309	146	195	95	127	C-A-1-11-1-111	Use Apollo Hardware, actuator has 9mm sq stem											AP.86A-100.3/4".0309.16
	EVA-0411	288	384	187	250	C-A-2-11-1-111												
1"	EVA-0411	288	384	187	250	C-A-2-11-1-111	Use Apollo Hardware, actuator has 11mm sq stem											AP.86A-100.1".0411.16
	EVA-0514	572	763	372	496	C-A-3-11-1-111												
1 1/4"	EVA-0514	572	763	372	496	C-A-3-11-1-111	D-312-0.625x0.412in	K-AS-3-1-1-2	#VALUE!									AP.86A-100.1 1/4".0514.16
	EVA-0717	1,144	1,526	744	992	C-A-4-11-1-111	D-412-0.625x0.412in	K-AS-4-1-1-2	#VALUE!									
1 1/2"	EVA-0514	572	763	372	496	C-A-3-11-1-111	D-312-0.625x0.412in	K-AS-3-1-1-2	#VALUE!									AP.86A-100.1 1/2".0514.16
	EVA-0717	1,144	1,526	744	992	C-A-4-11-1-111	D-412-0.625x0.412in	K-AS-4-1-1-2	#VALUE!									
2"	EVA-0514	572	763	372	496	C-A-3-11-1-111	D-312-0.750x0.477in	K-AS-3-1-1-2	#VALUE!									AP.86A-100.2".0514.16
	EVA-0717	1,144	1,526	744	992	C-A-4-11-1-111	D-412-0.750x0.477in	K-AS-4-1-1-2	#VALUE!									

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.