

Generic Input		Easytork internal use only	
Valve Brand	Max-Seal	Valve Brand Truncate	MS
Series	ISO Series	Series Truncate	ISO
Input: 1 = mm / 2 = in	2		
Safety Factor	25%		

Actuator Design Year 21

Valve Input

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	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 1 = Diamond or in line / 2=Square or not in line
Valve Size	in-lb	in-lb		1=Yes / 0=No	in/mm	1=Yes / 0=No	in/mm	in/mm	in/mm	in/mm	in/mm	1 = Square 2 = Double D 3 = Bore + Key	Choose either in / mm	Sq - sq DD - bore b+k - bore	Sq - sq DD - flat b+k - key	b+k - key (leave blank if Sq or DD)	
2"	133	166	No						0.53	F05	0.53	1	in	0.354	0.354		
2 1/2"	204	255	No						0.53	F05	0.53	1	in	0.433	0.433		
3"	283	354	No						0.53	F05	0.53	1	in	0.433	0.433		
4"	425	531	No						0.53	F05	0.53	1	in	0.433	0.433		
5"	681	851	No						0.69	F07	0.69	1	in	0.550	0.550		
6"	885	1,106	No						0.69	F07	0.69	1	in	0.670	0.670		
8"	1,332	1,665	No						0.81	F10	0.81	1	in	0.670	0.670		
10"	2,301	2,876	No						0.96	F10	0.96	1	in	0.870	0.870		
12"	2,655	3,319	No						0.96	F10	0.96	1	in	0.870	0.870		
14"	5,929	7,411	No						1.18	F12	1.18	1	in	1.060	1.060		
16"	7,788	9,735	No						1.18	F12	1.18	1	in	1.060	1.060		
18"	8,407	10,509	No						1.54	F14	1.54	1	in	1.060	1.060		
20"	20,885	26,106	No						1.93	F14	1.93	1	in	1.420	1.420		
24"	30,000	37,500	No						1.93	F16	1.93	1	in	1.420	1.420		
		0															
		0															
		0															
		0															

Notes:

le. Gland, capi, etc...

If not known, leave blank

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.

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)				Note	Complete Actuator to Valve Order Code*	
		DA @ 60PSI	DA @ 80PSI	FS @ 60PSI	FS @ 80PSI	Actuator	Insert	Extended Shaft	Bracket		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.	
2"	EVA-0411	257	343	165	219	C-A-2-11-1-111	D-211-0.354x0.354in			Direct mount with listed insert on left		
	EVA-0514	474	632	309	412	C-A-3-11-1-111	D-311-0.354x0.354in				Direct mount with listed insert on left	MS.ISO.2".0514.21
2 1/2"	EVA-0411	257	343	165	219	C-A-2-11-1-111	D-211-0.433x0.433in			Direct mount with listed insert on left	MS.ISO.2 1/2".0411.21	
	EVA-0514	474	632	309	412	C-A-3-11-1-111	D-311-0.433x0.433in				Direct mount with listed insert on left	MS.ISO.2 1/2".0514.21
3"	EVA-0514	474	632	309	412	C-A-3-11-1-111	D-311-0.433x0.433in			Direct mount with listed insert on left	MS.ISO.3".0514.21	
	EVA-0717	1,010	1,347	672	895	C-A-4-11-1-111	D-411-0.433x0.433in				Direct mount with listed insert on left	MS.ISO.3".0717.21
4"	EVA-0514	474	632	309	412	C-A-3-11-1-111	D-311-0.433x0.433in			Direct mount with listed insert on left	MS.ISO.4".0514.21	
	EVA-0717	1,010	1,347	672	895	C-A-4-11-1-111	D-411-0.433x0.433in				Direct mount with listed insert on left	MS.ISO.4".0717.21
5"	EVA-0717	1,010	1,347	672	895	C-A-4-11-1-111	D-411-0.550x0.550in			Direct mount with listed insert on left	MS.ISO.5".0717.21	
	EVA-1022	2,041	2,721	1,351	1,801	C-A-5-11-1-111	D-511-0.550x0.550in				Direct mount with listed insert on left	MS.ISO.5".1022.21
6"	EVA-0717	1,010	1,347	672	895	C-A-4-11-1-111				Direct mount with listed insert on left	MS.ISO.6".0717.21	
	EVA-1022	2,041	2,721	1,351	1,801	C-A-5-11-1-111	D-511-0.670x0.670in				Direct mount with listed insert on left	MS.ISO.6".1022.21
8"	EVA-1022	2,041	2,721	1,351	1,801	C-A-5-11-1-111	D-511-0.670x0.670in			Direct mount with listed insert on left	MS.ISO.8".1022.21	
	EVA-1227	4,527	6,036	3,057	4,076	C-A-6-11-1-111	D-611-0.670x0.670in				Direct mount with listed insert on left	MS.ISO.8".1227.21
10"	EVA-1227	4,527	6,036	3,057	4,076	C-A-6-11-1-111	D-611-0.870x0.870in			Direct mount with listed insert on left	MS.ISO.10".1227.21	
	EVA-1227	4,527	6,036	3,057	4,076	C-A-6-11-1-111	D-611-0.870x0.870in				Direct mount with listed insert on left	MS.ISO.10".1227.21
12"	EVA-1227	4,527	6,036	3,057	4,076	C-A-6-11-1-111	D-611-0.870x0.870in			Direct mount with listed insert on left	MS.ISO.12".1227.21	
	EVA-1436	7,898	10,531	5,331	7,108	C-A-7-11-1-111	D-711-0.870x0.870in	Bracket and coupling required			Actuator does not have matching F10 flange for Direct mount	MS.ISO.12".1436.21
14"	EVA-1436	7,898	10,531	5,331	7,108	C-A-7-11-1-111	D-711-1.060x1.060in			Direct mount with listed insert on left	MS.ISO.14".1436.21	
	EVA-1646	17,356	23,141	11,627	15,503	C-A-8-11-1-111	D-811-1.060x1.060in	Bracket and coupling required			Actuator does not have matching F12 flange for Direct mount	MS.ISO.14".1646.21
16"	EVA-1436	7,898	10,531	5,331	7,108	C-A-7-11-1-111	D-711-1.060x1.060in			Direct mount with listed insert on left	MS.ISO.16".1436.21	
	EVA-1646	17,356	23,141	11,627	15,503	C-A-8-11-1-111	D-811-1.060x1.060in	Bracket and coupling required			Actuator does not have matching F12 flange for Direct mount	MS.ISO.16".1646.21
18"	EVA-1436	7,898	10,531	5,331	7,108	C-A-7-11-1-111	D-711-1.060x1.060in	Bracket and coupling required		Actuator does not have matching F14 flange for Direct mount	MS.ISO.18".1436.21	
	EVA-1646	17,356	23,141	11,627	15,503	C-A-8-11-1-111	D-811-1.060x1.060in	Bracket and coupling required			Actuator does not have matching F14 flange for Direct mount	MS.ISO.18".1646.21
20"	EVA-1646	17,356	23,141	11,627	15,503	C-A-8-11-1-111	D-811-1.420x1.420in	Bracket and coupling required		Actuator does not have matching F14 flange for Direct mount	MS.ISO.20".1646.21	
	EVA-1646	17,356	23,141	11,627	15,503	C-A-8-11-1-111	D-811-1.420x1.420in	Bracket and coupling required			Actuator does not have matching F14 flange for Direct mount	MS.ISO.20".1646.21
24"	EVA-1646	17,356	23,141	11,627	15,503	C-A-8-11-1-111	D-811-1.420x1.420in			Direct mount with listed insert on left	MS.ISO.24".1646.21	
	EVA-1646	17,356	23,141	11,627	15,503	C-A-8-11-1-111	D-811-1.420x1.420in				Direct mount with listed insert on left	MS.ISO.24".1646.21

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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.