

Generic Input		Easytork internal use only	
Valve Brand	Marwin	Valve Brand Truncate	MW
Series	MS3000	Series Truncate	MS3000
Input: 1 = mm / 2 = in	2		
Safety Factor	25%		

Actuator Design Year

16

Valve Input

Valve Torque				Section Only For Non Direct Mount ("D.M"), Otherwise Leave Blank						Valve Dimension							
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?		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
1/4"	134	168	Yes	Yes		No		0.250		0.27	1.42	0.56	2	in	0.390	0.215	1
3/8"	134	168	Yes	Yes		No		0.250		0.27	1.42	0.56	2	in	0.390	0.215	1
1/2"	134	168	Yes	Yes		No		0.250		0.27	1.42	0.56	2	in	0.390	0.215	1
3/4"	358	448	Yes	Yes		No		0.350		0.40	1.65	0.78	2	in	0.470	0.295	1
1"	422	528	Yes	Yes		No		0.400		0.45	1.65	0.87	2	in	0.470	0.295	1
1 1/4"	735	919	Yes	Yes		No		0.500		0.54	1.97	1.10	2	in	0.590	0.352	1
1 1/2"	735	919	Yes	Yes		No		0.500		0.54	1.97	1.10	2	in	0.590	0.352	1
2"	1,345	1,681	Yes	Yes		No		0.500		0.54	1.97	1.10	2	in	0.590	0.352	1
3"	1,345	1,681	Yes	Yes		No		0.500		0.54	1.97	1.10	2	in	0.590	0.352	1
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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	
1/4"	EVA-0309	146	195	95	127	C-A-1-11-1-111	D-112-0.390x0.215in	K-AS-1-1-1-2	#VALUE!						MW.MS3000.1/4".0309.16
	EVA-0411	288	384	187	250	C-A-2-11-1-111	D-212-0.390x0.215in	K-AS-2-1-1-2	#VALUE!						MW.MS3000.1/4".0411.16
3/8"	EVA-0309	146	195	95	127	C-A-1-11-1-111	D-112-0.390x0.215in	K-AS-1-1-1-2	#VALUE!						MW.MS3000.3/8".0309.16
	EVA-0411	288	384	187	250	C-A-2-11-1-111	D-212-0.390x0.215in	K-AS-2-1-1-2	#VALUE!						MW.MS3000.3/8".0411.16
1/2"	EVA-0309	146	195	95	127	C-A-1-11-1-111	D-112-0.390x0.215in	K-AS-1-1-1-2	#VALUE!						MW.MS3000.1/2".0309.16
	EVA-0411	288	384	187	250	C-A-2-11-1-111	D-212-0.390x0.215in	K-AS-2-1-1-2	#VALUE!						MW.MS3000.1/2".0411.16
3/4"	EVA-0514	572	763	372	496	C-A-3-11-1-111	D-312-0.470x0.295in	K-AS-3-1-1-2	#VALUE!						MW.MS3000.3/4".0514.16
	EVA-0717	1,144	1,526	744	992	C-A-4-11-1-111	D-412-0.470x0.295in	K-AS-4-1-1-2	#VALUE!						MW.MS3000.3/4".0717.16
1"	EVA-0514	572	763	372	496	C-A-3-11-1-111	D-312-0.470x0.295in	K-AS-3-1-1-2	#VALUE!						MW.MS3000.1".0514.16
	EVA-0717	1,144	1,526	744	992	C-A-4-11-1-111	D-412-0.470x0.295in	K-AS-4-1-1-2	#VALUE!						MW.MS3000.1".0717.16
1 1/4"	EVA-0717	1,144	1,526	744	992	C-A-4-11-1-111	D-412-0.590x0.352in	K-AS-4-1-1-2	#VALUE!						MW.MS3000.1 1/4".0717.16
	EVA-1022	2,289	3,051	1,488	1,983	C-A-5-11-1-111	D-512-0.590x0.352in	K-AS-5-1-1-2	#VALUE!						MW.MS3000.1 1/4".1022.16
1 1/2"	EVA-0717	1,144	1,526	744	992	C-A-4-11-1-111	D-412-0.590x0.352in	K-AS-4-1-1-2	#VALUE!						MW.MS3000.1 1/2".0717.16
	EVA-1022	2,289	3,051	1,488	1,983	C-A-5-11-1-111	D-512-0.590x0.352in	K-AS-5-1-1-2	#VALUE!						MW.MS3000.1 1/2".1022.16
2"	EVA-1022	2,289	3,051	1,488	1,983	C-A-5-11-1-111	D-512-0.590x0.352in	K-AS-5-1-1-2	#VALUE!						MW.MS3000.2".1022.16
	EVA-1227	4,577	6,103	2,975	3,967	C-A-6-11-1-111	D-612-0.590x0.352in	K-AS-6-1-1-2	#VALUE!						MW.MS3000.2".1227.16
3"	EVA-1022	2,289	3,051	1,488	1,983	C-A-5-11-1-111	D-512-0.590x0.352in	K-AS-5-1-1-2	#VALUE!						MW.MS3000.3".1022.16
	EVA-1227	4,577	6,103	2,975	3,967	C-A-6-11-1-111	D-612-0.590x0.352in	K-AS-6-1-1-2	#VALUE!						MW.MS3000.3".1227.16

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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.