

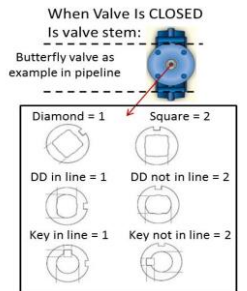
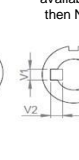
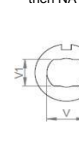
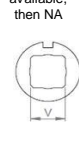
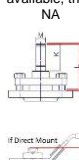
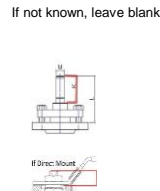
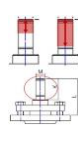
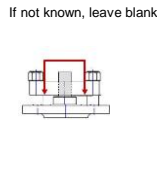
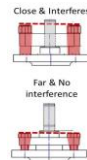
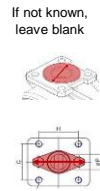
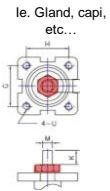
Generic Input		Easytork internal use only	
Valve Brand	Bray	Valve Brand Truncate	BR
Series	20/21 22/23 30/31 31H 3A/3A	Series Truncate	RES-BFV
Input: 1 = mm / 2 = in	2		
Safety Factor	10%		

Actuator Design Year 19

Valve Input

Direct Mount Check				Section Only For Non Direct Mount ("D.M"), Otherwise Leave Blank						Valve Dimension									
Valve Torque		Check		Bracket Check		Extended Shaft Check		Buyer Preference		Valve Info		Valve Flange		Valve Dimension		Valve Stem Shape and Dimension			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
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				
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	in/mm	in/mm	in/mm				
1"	65	72	No								1.97	1.00	2	in	0.390	0.320		1	
1 1/2"	91	100	No								1.97	1.00	2	in	0.390	0.320		1	
2"	119	131	No								2.76	1.25	2	in	0.550	0.390		1	
2 1/2"	187	206	No								2.76	1.25	2	in	0.550	0.390		1	
3"	250	275	No								2.76	1.25	2	in	0.550	0.390		1	
4"	387	426	No								2.76	1.25	2	in	0.630	0.430		1	
5"	610	671	No								2.76	1.25	2	in	0.750	0.510		1	
6"	792	871	No								2.76	1.25	2	in	0.750	0.510		1	
8"	1,500	1,650	No								4.92	1.25	2	in	0.870	0.630		1	
10"	2,272	2,499	No								4.92	2.00	2	in	1.180	0.870		1	
12"	3,519	3,871	No								4.92	2.00	2	in	1.180	0.870		1	
14"	5,182	5,700	No								4.92	2.00	3	in	1.380	0.390	0.390	1	
16"	7,000	7,700	No								4.92	2.00	3	in	1.380	0.390	0.390	1	
18"	8,865	9,752	No								6.5	2.50	3	in	1.970	0.470	0.390	1	
20"	11,728	12,901	No								6.5	2.50	3	in	1.970	0.470	0.390	1	

Notes:



**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		
1"	EVA-0411	288	384	187	250	C-A-2-11-1-111	D-212-0.390x0.320in			Direct mount	BR.RES-BFV.1".0411.19 BR.RES-BFV.1".0411.19
	EVA-0411	288	384	187	250	C-A-2-11-1-111	D-212-0.390x0.320in			Direct mount	
1 1/2"	EVA-0411	288	384	187	250	C-A-2-11-1-111	D-212-0.390x0.320in			Direct mount	BR.RES-BFV.1 1/2".0411.19 BR.RES-BFV.1 1/2".0411.19
	EVA-0411	288	384	187	250	C-A-2-11-1-111	D-212-0.390x0.320in			Direct mount	
2"	EVA-0514	572	763	372	496	C-A-3-11-1-111	D-312-0.550x0.390in			Direct mount	BR.RES-BFV.2".0514.19 BR.RES-BFV.2".0514.19
	EVA-0514	572	763	372	496	C-A-3-11-1-111	D-312-0.550x0.390in			Direct mount	
2 1/2"	EVA-0514	572	763	372	496	C-A-3-11-1-111	D-312-0.550x0.390in			Direct mount	BR.RES-BFV.2 1/2".0514.19 BR.RES-BFV.2 1/2".0514.19
	EVA-0514	572	763	372	496	C-A-3-11-1-111	D-312-0.550x0.390in			Direct mount	
3"	EVA-0514	572	763	372	496	C-A-3-11-1-111	D-312-0.550x0.390in			Direct mount	BR.RES-BFV.3".0514.19 BR.RES-BFV.3".0514.19
	EVA-0514	572	763	372	496	C-A-3-11-1-111	D-312-0.550x0.390in			Direct mount	
4"	EVA-0514	572	763	372	496	C-A-3-11-1-111	D-312-0.630x0.430in			Direct mount	BR.RES-BFV.4".0514.19 BR.RES-BFV.4".0717.19
	EVA-0717	1,144	1,526	744	992	C-A-4-11-1-111	D-412-0.630x0.430in			Direct mount	
5"	EVA-0717	1,144	1,526	744	992	C-A-4-11-1-111	D-412-0.750x0.510in			Direct mount	BR.RES-BFV.5".0717.19 BR.RES-BFV.5".0717.19
	EVA-0717	1,144	1,526	744	992	C-A-4-11-1-111	D-412-0.750x0.510in			Direct mount	
6"	EVA-0717	1,144	1,526	744	992	C-A-4-11-1-111	D-412-0.750x0.510in			Direct mount	BR.RES-BFV.6".0717.19 BR.RES-BFV.6".1022.19
	EVA-1022	2,289	3,051	1,488	1,983	C-A-5-11-1-111	D-512-0.750x0.510in			Direct mount	
8"	EVA-1022	2,289	3,051	1,488	1,983	C-A-5-11-1-111	D-512-0.870x0.630in			Direct mount	BR.RES-BFV.8".1022.19 BR.RES-BFV.8".1227.19
	EVA-1227	4,577	6,103	2,975	3,967	C-A-6-11-1-111	D-612-0.870x0.630in			Direct mount	
10"	EVA-1227	4,577	6,103	2,975	3,967	C-A-6-11-1-111	D-612-1.180x0.870in			Direct mount	BR.RES-BFV.10".1227.19 BR.RES-BFV.10".1227.19
	EVA-1227	4,577	6,103	2,975	3,967	C-A-6-11-1-111	D-612-1.180x0.870in			Direct mount	
12"	EVA-1227	4,577	6,103	2,975	3,967	C-A-6-11-1-111	D-612-1.180x0.870in			Direct mount	BR.RES-BFV.12".1227.19 BR.RES-BFV.12".1436.19
	EVA-1436	9,154	12,205	5,950	7,933	C-A-7-11-1-111	D-712-1.180x0.870in			Direct mount	
14"	EVA-1436	9,154	12,205	5,950	7,933	C-A-7-11-1-111	D-713-1.380x0.390x0.390in			Direct mount	BR.RES-BFV.14".1436.19 BR.RES-BFV.14".1436.19
	EVA-1436	9,154	12,205	5,950	7,933	C-A-7-11-1-111	D-713-1.380x0.390x0.390in			Direct mount	
16"	EVA-1436	9,154	12,205	5,950	7,933	C-A-7-11-1-111	D-713-1.380x0.390x0.390in			Direct mount	BR.RES-BFV.16".1436.19 BR.RES-BFV.16".1646.19
	EVA-1646	18,308	24,411	11,900	15,867	C-A-8-11-1-111	D-813-1.380x0.390x0.390in		Custom spacer plate	Requires spacer plate to direct mount	
18"	EVA-1436	9,154	12,205	5,950	7,933	C-A-7-11-1-111	D-713-1.970x0.470x0.390in			Direct mount	BR.RES-BFV.18".1436.19 BR.RES-BFV.18".1646.19
	EVA-1646	18,308	24,411	11,900	15,867	C-A-8-11-1-111	D-813-1.970x0.470x0.390in		Custom spacer plate	Requires spacer plate to direct mount	
20"	EVA-1436	9,154	12,205	5,950	7,933	C-A-7-11-1-111	D-713-1.970x0.470x0.390in			Direct mount	BR.RES-BFV.20".1436.19 BR.RES-BFV.20".1646.19
	EVA-1646	18,308	24,411	11,900	15,867	C-A-8-11-1-111	D-813-1.970x0.470x0.390in		Custom spacer plate	Requires spacer plate to direct mount	

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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.**