

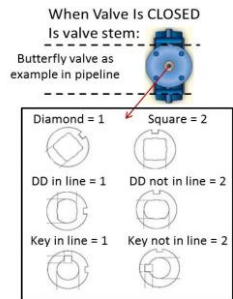
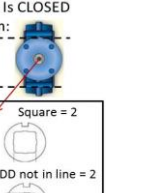
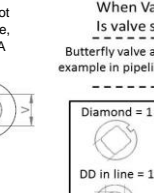
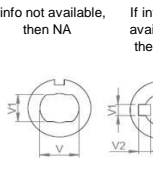
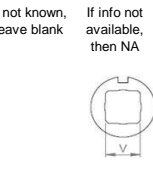
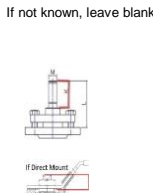
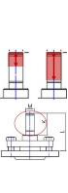
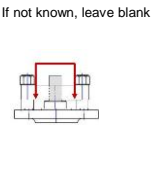
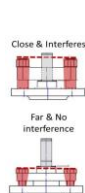
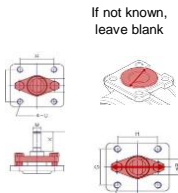
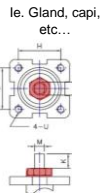
Generic Input		Easytork internal use only	
Valve Brand	Bray	Valve Brand Truncate	BR
Series	20/21 22/23 30/31 31H 3A/3A	Series Truncate	RES-BFV
Input: 1 = mm / 2 = in	2		
Safety Factor	10%		

Actuator Design Year 19

Valve Input

Valve Size	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					
	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 1 = Diamond or in line / 2=Square or not in line
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
24"	11,875	11,875	No							6.5	4.00	3	in	2.500	0.620	0.620	1
0																	
0																	

Notes:



Disclaimer: Based on information available from valve manufacturer. All dimensions to be verified by customer prior to purchase confirmation.

Valve Size	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*
	Required Actuator Range	EVA	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.
1"	EVA-0411		C-A-2-11-1-111	D-212-0.390x0.320in			Direct mount	BR.RES-BFV.1".0411.19
	EVA-0411		C-A-2-11-1-111	D-212-0.390x0.320in			Direct mount	BR.RES-BFV.1".0411.19
1 1/2"	EVA-0411		C-A-2-11-1-111	D-212-0.390x0.320in			Direct mount	BR.RES-BFV.1 1/2".0411.19
	EVA-0411		C-A-2-11-1-111	D-212-0.390x0.320in			Direct mount	BR.RES-BFV.1 1/2".0411.19
2"	EVA-0514		C-A-3-11-1-111	D-312-0.550x0.390in			Direct mount	BR.RES-BFV.2".0514.19
	EVA-0514		C-A-3-11-1-111	D-312-0.550x0.390in			Direct mount	BR.RES-BFV.2".0514.19
2 1/2"	EVA-0514		C-A-3-11-1-111	D-312-0.550x0.390in			Direct mount	BR.RES-BFV.2 1/2".0514.19
	EVA-0514		C-A-3-11-1-111	D-312-0.550x0.390in			Direct mount	BR.RES-BFV.2 1/2".0514.19
3"	EVA-0514		C-A-3-11-1-111	D-312-0.550x0.390in			Direct mount	BR.RES-BFV.3".0514.19
	EVA-0514		C-A-3-11-1-111	D-312-0.550x0.390in			Direct mount	BR.RES-BFV.3".0514.19
4"	EVA-0514		C-A-3-11-1-111	D-312-0.630x0.430in			Direct mount	BR.RES-BFV.4".0514.19
	EVA-0717		C-A-4-11-1-111	D-412-0.630x0.430in			Direct mount	BR.RES-BFV.4".0717.19
5"	EVA-0717		C-A-4-11-1-111	D-412-0.750x0.510in			Direct mount	BR.RES-BFV.5".0717.19
	EVA-0717		C-A-4-11-1-111	D-412-0.750x0.510in			Direct mount	BR.RES-BFV.5".0717.19
6"	EVA-0717		C-A-4-11-1-111	D-412-0.750x0.510in			Direct mount	BR.RES-BFV.6".0717.19
	EVA-1022		C-A-5-11-1-111	D-512-0.750x0.510in			Direct mount	BR.RES-BFV.6".1022.19
8"	EVA-1022		C-A-5-11-1-111	D-512-0.870x0.630in			Direct mount	BR.RES-BFV.8".1022.19
	EVA-1227		C-A-6-11-1-111	D-612-0.870x0.630in			Direct mount	BR.RES-BFV.8".1227.19
10"	EVA-1227		C-A-6-11-1-111	D-612-1.180x0.870in			Direct mount	BR.RES-BFV.10".1227.19
	EVA-1227		C-A-6-11-1-111	D-612-1.180x0.870in			Direct mount	BR.RES-BFV.10".1227.19
12"	EVA-1227		C-A-6-11-1-111	D-612-1.180x0.870in			Direct mount	BR.RES-BFV.12".1227.19
	EVA-1436		C-A-7-11-1-111	D-712-1.180x0.870in			Direct mount	BR.RES-BFV.12".1436.19
14"	EVA-1436		C-A-7-11-1-111	D-713-1.380x0.390x0.390in			Direct mount	BR.RES-BFV.14".1436.19
	EVA-1436		C-A-7-11-1-111	D-713-1.380x0.390x0.390in			Direct mount	BR.RES-BFV.14".1436.19
16"	EVA-1436		C-A-7-11-1-111	D-713-1.380x0.390x0.390in			Direct mount	BR.RES-BFV.16".1436.19
	EVA-1646		C-A-8-11-1-111	D-813-1.380x0.390x0.390in		Custom	EVA / ECA Requires Bracket with F16 to direct mount. Published valve bracket is only F12	BR.RES-BFV.16".1646.19
18"	EVA-1436		C-A-7-11-1-111	D-713-1.970x0.470x0.390in		Custom	EVA / ECA Requires taller bracket or F16 spacer plate to direct mount	BR.RES-BFV.18".1436.19
	EVA-1646		C-A-8-11-1-111	D-813-1.970x0.470x0.390in			Direct mount	BR.RES-BFV.18".1646.19
20"	EVA-1436		C-A-7-11-1-111	D-713-1.970x0.470x0.390in		Custom	EVA / ECA Requires taller bracket or F16 spacer plate to direct mount	BR.RES-BFV.20".1436.19
	EVA-1646		C-A-8-11-1-111	D-813-1.970x0.470x0.390in			Direct mount	BR.RES-BFV.20".1646.19

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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.