

Valve Actuation Reference Chart\_REV\_011812.xlsx

Price Group	Need	Part No	Unit WGT	Desc	Master Carton Qty	Opening Torque (in.lbs)	Stem Coupling Square Flats dim (in.)	Stem Coupling Square Flats dim (mm)	Stem Coupling Part No.	Mounting Bracket Part No.	Mounting Bracket Bolt Circle (ISO 5211)
<b>TRUE UNION BALL VALVES</b>											
VLA	X	V07101N	0.4603	1/2 TUBV PVC/EPDM	24	5	0.43	11	V07502A	V07501A	F04
VLA	X	V07102N	0.4603	1/2 TUBV PVC/VITON	24	5	0.43	11	V07502A	V07501A	F04
VLA	X	V07103N	0.535	1/2 TUBV CPVC/EPDM	24	5	0.43	11	V07502A	V07501A	F04
VLA	X	V07104N	0.535	1/2 TUBV CPVC/VITON	24	5	0.43	11	V07502A	V07501A	F04
VLA	X	V07106N	0.3127	1/2 TUBV PP/VITON	24	5	0.43	11	V07502A	V07501A	F04
VLB	X	V07501A	0.15	<b>1/2 MOUNTING BRACKET FOR TUBV</b>	1						
VLB	X	V07502A	0.12	<b>1/2 STEM COUPLING FOR TUBV</b>	1						
VLA	X	V08101N	0.7488	3/4 TUBV PVC/EPDM	24	35	0.43	11	V08502A	V08501A	F04
VLA	X	V08102N	0.7599	3/4 TUBV PVC/VITON	24	35	0.43	11	V08502A	V08501A	F04
VLA	X	V08103N	0.8392	3/4 TUBV CPVC/EPDM	24	35	0.43	11	V08502A	V08501A	F04
VLA	X	V08104N	0.8392	3/4 TUBV CPVC/VITON	24	35	0.43	11	V08502A	V08501A	F04
VLA	X	V08106N	0.5418	3/4 TUBV PP/VITON	24	35	0.43	11	V08502A	V08501A	F04
VLB	X	V08501A	0.25	<b>3/4 MOUNTING BRACKET FOR TUBV</b>	1						
VLB	X	V08502A	0.18	<b>3/4 STEM COUPLING FOR TUBV</b>	1						
VLA	X	V10101N	1.0859	1 TUBV PVC/EPDM	24	60	0.43	11	V10502A	V10501A	F04 / F05
VLA	X	V10102N	1.0925	1 TUBV PVC/VITON	24	60	0.43	11	V10502A	V10501A	F04 / F05
VLA	X	V10103N	1.03	1 TUBV CPVC/EPDM	24	60	0.43	11	V10502A	V10501A	F04 / F05
VLA	X	V10104N	1.03	1 TUBV CPVC/VITON	24	60	0.43	11	V10502A	V10501A	F04 / F05
VLA	X	V10106N	0.7466	1 TUBV PP/VITON	24	60	0.43	11	V10502A	V10501A	F04 / F05
VLB	X	V10501A	0.35	<b>1 MOUNTING BRACKET FOR TUBV</b>	1						
VLB	X	V10502A	0.22	<b>1 STEM COUPLING FOR TUBV</b>	1						
VLA	X	V14101N	2.7929	1-1/4 TUBV PVC/EPDM	12	110	0.55		SEE BELOW	V17501A	F05
VLA	X	V14102N	2.7863	1-1/4 TUBV PVC/VITON	12	110	0.55			V17501A	F05
VLA	X	V14103N	3.1299	1-1/4 TUBV CPVC/EPDM	12	110	0.55			V17501A	F05
VLA	X	V14104N	3.1299	1-1/4 TUBV CPVC/VITON	12	110	0.55			V17501A	F05
VLA	X	V17101N	2.74	1-1/2 TUBV PVC/EPDM	12	110	0.55			V17501A	F05
VLA	X	V17102N	2.775	1-1/2 TUBV PVC/VITON	12	110	0.55			V17501A	F05
VLA	X	V17103N	3.1299	1-1/2 TUBV CPVC/EPDM	12	110	0.55			V17501A	F05
VLA	X	V17104N	2.9295	1-1/2 TUBV CPVC/VITON	12	110	0.55			V17501A	F05
VLA	X	V17106N	1.8546	1-1/2 TUBV PP/VITON	12	110	0.55			V17501A	F05
VLB	X	V17501A	0.55	<b>1-1/2 &amp; 1-1/4 MOUNTING BRACKET FOR TUBV</b>	1						
VLB	X	V17502A	0.3	<b>1-1/2 &amp; 1-1/4 STEM COUPLING FOR TUBV</b>	1		0.55	14	V17502A		
VLB	X	V17502A-F04	0.3	<b>1-1/2 &amp; 1-1/4 STEM COUPLING FOR TUBV</b>	1		0.43	11	V17502A-F04		
VLA	X	V20101N	4.94	2 TUBV PVC/EPDM	6	180	0.55	14	SEE BELOW	V20501A	F05
VLA	X	V20102N	4.99	2 TUBV PVC/VITON	6	180	0.55	14		V20501A	F05
VLA	X	V20103N	5.3	2 TUBV CPVC/EPDM	6	180	0.55	14		V20501A	F05
VLA	X	V20104N	5.3	2 TUBV CPVC/VITON	6	180	0.55	14		V20501A	F05
VLA	X	V20106N	3.1365	2 TUBV PP/VITON	6	180	0.55	14		V20501A	F05
VLB	X	V20501A	0.65	<b>2 MOUNTING BRACKET FOR TUBV</b>	1						
VLB	X	V20502A	0.55	<b>2 STEM COUPLING FOR TUBV</b>	1		0.55	14	V20502A		
VLB	X	V20502A-F04	0.55	<b>2 STEM COUPLING FOR TUBV</b>	1		0.43	11	V20502A-F04		

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VLA	X	V30101N	9.75	3 TUBV PVC/EPDM	4	600	0.67	17	Included with Bracket	V30501P	F10
VLA	X	V30102N	9.75	3 TUBV PVC/VITON	4	600	0.67	17	Included with Bracket	V30501P	F10
VLA	X	V30103N	10.95	3 TUBV CPVC/EPDM	4	600	0.67	17	Included with Bracket	V30501P	F10
VLA	X	V30104N	10.95	3 TUBV CPVC/VITON	4	600	0.67	17	Included with Bracket	V30501P	F10
VLA	X	V30111N	9.75	3 TUBV PVC/EPDM FPTxIPT	4	600	0.67	17	Included with Bracket	V30501P	F10
VLA	X	V30112N	9.85	3 TUBV PVC/VITON FPTxIPT	4	600	0.67	17	Included with Bracket	V30501P	F10
VLA	X	V30113N	10.95	3 TUBV CPVC/EPDM FPTxIPT	4	600	0.67	17	Included with Bracket	V30501P	F10
VLA	X	V30114N	11.05	3 TUBV CPVC/VITON FPTxIPT	4	600	0.67	17	Included with Bracket	V30501P	F10
VLB	X	V30501P	3	3" PVC MOUNTING BRACKET	1						

VLA	X	V40101N	16.15	4 TUBV PVC/EPDM	1	1000	0.67	17	Included with Bracket	V40501P	F10
VLA	X	V40102N	16.25	4 TUBV PVC/VITON	1	1000	0.67	17	Included with Bracket	V40501P	F10
VLA	X	V40103N	17.95	4 TUBV CPVC/EPDM	1	1000	0.67	17	Included with Bracket	V40501P	F10
VLA	X	V40104N	17.95	4 TUBV CPVC/VITON	1	1000	0.67	17	Included with Bracket	V40501P	F10
VLA	X	V40111N	16.2	4 TUBV PVC/EPDM FPTxIPT	1	1000	0.67	17	Included with Bracket	V40501P	F10
VLA	X	V40112N	16.35	4 TUBV PVC/VITON FPTxIPT	1	1000	0.67	17	Included with Bracket	V40501P	F10
VLA	X	V40113N	17.95	4 TUBV CPVC/EPDM FPTxIPT	1	1000	0.67	17	Included with Bracket	V40501P	F10
VLA	X	V40114N	18	4 TUBV CPVC/VITON FPTxIPT	1	1000	0.67	17	Included with Bracket	V40501P	F10
VLB	X	V40501P	4	4" PVC MOUNTING BRACKET	1						

**BUTTERFLY VALVES (DIRECT MOUNT, ISO 5211)**

VLC	X	V20411ND	3	2 DIRECT MOUNT BFV PVC EPDM F05-F07	1	113	0.43	11	N/A	Not required	F05 & F07
VLC	X	V20412ND	3	2 DIRECT MOUNT BFV PVC VITON F05-F07	1	113	0.43	11	N/A	Not required	F05 & F07
VLC	X	V20413ND	3	2 DIRECT MOUNT BFV CPVC VITON F05-F07	1	113	0.43	11	N/A	Not required	F05 & F07
VLC	X	V20414ND	3	2 DIRECT MOUNT BFV CPVC EPDM F05-F07	1	113	0.43	11	N/A	Not required	F05 & F07

VLC	X	V30411ND	4	3 DIRECT MOUNT BFV PVC EPDM F05-F07	1	260	0.55	14	N/A	Not required	F05 & F07
VLC	X	V30412ND	4	3 DIRECT MOUNT BFV PVC VITON F05-F07	1	260	0.55	14	N/A	Not required	F05 & F07
VLC	X	V30413ND	4	3 DIRECT MOUNT BFV CPVC VITON F05-F07	1	260	0.55	14	N/A	Not required	F05 & F07

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VLC	X	V30414ND	4	3 DIRECT MOUNT BFV CPVC EPDM F05-F07	1	260	0.55	14	N/A	Not required	F05 & F07

VLC	X	V40411ND	5	4 DIRECT MOUNT BFV PVC EPDM F07	1	391	0.55	14	N/A	Not required	F07
VLC	X	V40412ND	5	4 DIRECT MOUNT BFV PVC VITON F07	1	391	0.55	14	N/A	Not required	F07
VLC	X	V40413ND	5	4 DIRECT MOUNT BFV CPVC VITON F07	1	391	0.55	14	N/A	Not required	F07
VLC	X	V40414ND	5	4 DIRECT MOUNT BFV CPVC EPDM F07	1	391	0.55	14	N/A	Not required	F07

VLC	X	V60411ND	7	6 DIRECT MOUNT BFV PVC EPDM F07-F10	1	738	0.667	17	N/A	Not required	F07 & F10
VLC	X	V60412ND	7	6 DIRECT MOUNT BFV PVC VITON F07-F10	1	738	0.667	17	N/A	Not required	F07 & F10
VLC	X	V60413ND	7	6 DIRECT MOUNT BFV CPVC VITON F07-F10	1	738	0.667	17	N/A	Not required	F07 & F10
VLC	X	V60414ND	7	6 DIRECT MOUNT BFV CPVC EPDM F07-F10	1	738	0.667	17	N/A	Not required	F07 & F10
VLC	X	V80411ND	10	8 DIRECT MOUNT BFV PVC EPDM F10	1	1302	0.866	22	N/A	Not required	F10
VLC	X	V100411ND	14	10 DIRECT MOUNT BFV PVC EPDM F10	1	2604	0.866	22	N/A	Not required	F10
VLC	X	V120411ND	18	12 DIRECT MOUNT BFV PVC EPDM F12	1	3906	1.06	27	N/A	Not required	F12