

Flowjack Float Valve Operating Pressure Guide

Clapper Valve Size	Code for Flexible Float Arm	Code for Rigid Float Arm	Float Arm Length	Float type		Rated max pressure	
						Kpa	psi
3/4 "	FJ483	FJ493	300mm	7 inch poly ball float <u>with</u> float chain	🔗	525	76
	FJ483	FJ493	300mm	7 inch poly ball float <u>without</u> float chain		840	122
	FJ484	FJ494	300mm	8.5 inch poly ball float <u>with</u> float chain	🔗	1330	193
	FJ484	FJ494	300mm	8.5 inch poly ball float <u>without</u> float chain		1890	274
1"	FJ331	FJ055	300mm	7 inch poly ball float <u>with</u> float chain	🔗	420	61
	FJ331	FJ055	300mm	7 inch poly ball float <u>without</u> float chain		560	81
	FJ332	FJ262	300mm	8.5 inch poly ball float <u>with</u> float chain	🔗	770	112
	FJ332	FJ262	300mm	8.5 inch poly ball float <u>without</u> float chain		1050	152
	FJ333	FJ084	300mm	9.5 inch poly ball float <u>with</u> float chain	🔗	1050	152
	FJ333	FJ084	300mm	9.5 inch poly ball float <u>without</u> float chain		1400	203
		FJ210	300mm	Ss tig welded float <u>without</u> float chain		1155	168
	FJ334		380mm	7 inch poly ball float <u>with</u> float chain	🔗	476	69
	FJ334		380mm	7 inch poly ball float <u>without</u> float chain		698	101
	FJ335		380mm	8.5 inch poly ball float <u>with</u> float chain	🔗	998	145
	FJ335		380mm	8.5 inch poly ball float <u>without</u> float chain		1230	178
	FJ336		380mm	9.5 inch poly ball float <u>with</u> float chain	🔗	1330	193
	FJ336		380mm	9.5 inch poly ball float <u>without</u> float chain		1629	236
		FJ281	400mm	7 inch poly ball float <u>with</u> float chain	🔗	455	66
		FJ281	400mm	7 inch poly ball float <u>without</u> float chain		735	107
		FJ037	400mm	8.5 inch poly ball float <u>with</u> float chain	🔗	1050	152
		FJ037	400mm	8.5 inch poly ball float <u>without</u> float chain		1295	188
		FJ036	400mm	9.5 inch poly ball float <u>with</u> float chain	🔗	1400	203
		FJ036	400mm	9.5 inch poly ball float <u>without</u> float chain		1715	249
		FJ045	400mm	Ss tig welded float <u>without</u> float chain		1400	203
1 1/2" LP (Low Pressure)	FJ340	FJ206	300mm	7 inch poly ball float <u>with</u> float chain	🔗	98	14
	FJ340	FJ206	300mm	7 inch poly ball float <u>without</u> float chain		140	20
	FJ342	FJ218	300mm	8.5 inch poly ball float <u>with</u> float chain	🔗	228	33
	FJ342	FJ218	300mm	8.5 inch poly ball float <u>without</u> float chain		266	39
	FJ344	FJ294	300mm	9.5 inch poly ball float <u>with</u> float chain	🔗	273	40
	FJ344	FJ294	300mm	9.5 inch poly ball float <u>without</u> float chain		413	60
	FJ474		300mm	Ss tig welded float <u>without</u> float chain		368	53
	FJ346		380mm	7 inch poly ball float <u>with</u> float chain	🔗	133	19
	FJ346		380mm	7 inch poly ball float <u>without</u> float chain		173	25
	FJ348		380mm	8.5 inch poly ball float <u>with</u> float chain	🔗	282	41
	FJ348		380mm	8.5 inch poly ball float <u>without</u> float chain		399	58
	FJ350		380mm	9.5 inch poly ball float <u>with</u> float chain	🔗	399	58
	FJ350		380mm	9.5 inch poly ball float <u>without</u> float chain		532	77
		FJ289	400mm	7 inch poly ball float <u>with</u> float chain	🔗	140	20
		FJ289	400mm	7 inch poly ball float <u>without</u> float chain		182	26
		FJ054	400mm	8.5 inch poly ball float <u>with</u> float chain	🔗	298	43
		FJ054	400mm	8.5 inch poly ball float <u>without</u> float chain		420	61
		FJ035	400mm	9.5 inch poly ball float <u>with</u> float chain	🔗	420	61
		FJ035	400mm	9.5 inch poly ball float <u>without</u> float chain		560	81
		FJ059	400mm	Ss tig welded float <u>without</u> float chain		490	71

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Clapper Valve Size	Code for Flexible Float Arm	Code for Rigid Float Arm	Float Arm Length	Float type		Rated max pressure	
						Kpa	psi
1 1/2" HP (High Pressure)	FJ341	FJ239	300mm	7 inch poly ball float <u>with</u> float chain	🔗	298	43
	FJ341	FJ239	300mm	7 inch poly ball float <u>without</u> float chain		403	58
	FJ343	FJ187	300mm	8.5 inch poly ball float <u>with</u> float chain	🔗	560	81
	FJ343	FJ187	300mm	8.5 inch poly ball float <u>without</u> float chain		700	102
	FJ345	FJ188	300mm	9.5 inch poly ball float <u>with</u> float chain	🔗	823	119
	FJ345	FJ188	300mm	9.5 inch poly ball float <u>without</u> float chain		910	132
	FJ475	FJ395	300mm	Stainless steel float <u>without</u> float chain		735	107
	FJ347		380mm	7 inch poly ball float <u>with</u> float chain	🔗	365	53
	FJ347		380mm	7 inch poly ball float <u>without</u> float chain		466	68
	FJ349		380mm	8.5 inch poly ball float <u>with</u> float chain	🔗	631	92
	FJ349		380mm	8.5 inch poly ball float <u>without</u> float chain		732	106
	FJ360		380mm	9.5 inch poly ball float <u>with</u> float chain	🔗	964	140
	FJ360		380mm	9.5 inch poly ball float <u>without</u> float chain		1030	149
	FJ362		380mm	Stainless steel float <u>without</u> float chain		964	140
		FJ290	400mm	7 inch poly ball float <u>with</u> float chain	🔗	385	56
		FJ290	400mm	7 inch poly ball float <u>without</u> float chain		490	71
		FJ189	400mm	8.5 inch poly ball float <u>with</u> float chain	🔗	665	96
		FJ189	400mm	8.5 inch poly ball float <u>without</u> float chain		770	112
		FJ172	400mm	9.5 inch poly ball float <u>with</u> float chain	🔗	1015	147
		FJ172	400mm	9.5 inch poly ball float <u>without</u> float chain		1085	157
		FJ240	400mm	Stainless steel float <u>without</u> float chain		1015	147
2" LP (Low Pressure)	FJ366	FJ396	300mm	7 inch poly ball float <u>with</u> float chain	🔗	39	6
	FJ366	FJ396	300mm	7 inch poly ball float <u>without</u> float chain		67	10
	FJ368	FJ208	300mm	8.5 inch poly ball float <u>with</u> float chain	🔗	88	13
	FJ368	FJ208	300mm	8.5 inch poly ball float <u>without</u> float chain		147	21
	FJ370	FJ303	300mm	9.5 inch poly ball float <u>with</u> float chain	🔗	133	19
	FJ370	FJ303	300mm	9.5 inch poly ball float <u>without</u> float chain		175	25
	FJ372	FJ397	300mm	Stainless steel float <u>without</u> float chain		168	24
	FJ378		380mm	7 inch poly ball float <u>with</u> float chain	🔗	65	9
	FJ378		380mm	7 inch poly ball float <u>without</u> float chain		83	12
	FJ380		380mm	8.5 inch poly ball float <u>with</u> float chain	🔗	160	23
	FJ380		380mm	8.5 inch poly ball float <u>without</u> float chain		186	27
	FJ382		380mm	9.5 inch poly ball float <u>with</u> float chain	🔗	229	33
	FJ382		380mm	9.5 inch poly ball float <u>without</u> float chain		253	37
	FJ384		380mm	Stainless steel float <u>without</u> float chain		200	29
		FJ398	400mm	7 inch poly ball float <u>with</u> float chain	🔗	69	10
		FJ398	400mm	7 inch poly ball float <u>without</u> float chain		88	13
		FJ053	400mm	8.5 inch poly ball float <u>with</u> float chain	🔗	168	24
		FJ053	400mm	8.5 inch poly ball float <u>without</u> float chain		196	28
		FJ052	400mm	9.5 inch poly ball float <u>with</u> float chain	🔗	242	35
		FJ052	400mm	9.5 inch poly ball float <u>without</u> float chain		266	39
		FJ046	400mm	Stainless steel float <u>without</u> float chain		210	30

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Clapper Valve Size	Code for Flexible Float Arm	Code for Rigid Float Arm	Float Arm Length	Float type		Rated max pressure	
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2" HP (High Pressure)	FJ367	FJ399	300mm	7 inch poly ball float <u>with</u> float chain		193	28
	FJ367	FJ399	300mm	7 inch poly ball float <u>without</u> float chain		217	31
	FJ369	FJ203	300mm	8.5 inch poly ball float <u>with</u> float chain		392	57
	FJ369	FJ203	300mm	8.5 inch poly ball float <u>without</u> float chain		560	81
	FJ371	FJ204	300mm	9.5 inch poly ball float <u>with</u> float chain		525	76
	FJ371	FJ204	300mm	9.5 inch poly ball float <u>without</u> float chain		735	107
	FJ373	FJ401	300mm	Stainless steel float <u>without</u> float chain		595	86
	FJ379		380mm	7 inch poly ball float <u>with</u> float chain		207	30
	FJ379		380mm	7 inch poly ball float <u>without</u> float chain		266	39
	FJ381		380mm	8.5 inch poly ball float <u>with</u> float chain		565	82
	FJ381		380mm	8.5 inch poly ball float <u>without</u> float chain		681	99
	FJ383		380mm	9.5 inch poly ball float <u>with</u> float chain		599	87
	FJ383		380mm	9.5 inch poly ball float <u>without</u> float chain		732	106
	FJ385		380mm	Stainless steel float <u>without</u> float chain		648	94
		FJ400	400mm	7 inch poly ball float <u>with</u> float chain		218	32
		FJ400	400mm	7 inch poly ball float <u>without</u> float chain		280	41
		FJ205	400mm	8.5 inch poly ball float <u>with</u> float chain		595	86
		FJ205	400mm	8.5 inch poly ball float <u>without</u> float chain		718	104
		FJ139	400mm	9.5 inch poly ball float <u>with</u> float chain		630	91
		FJ139	400mm	9.5 inch poly ball float <u>without</u> float chain		770	112
		FJ140	400mm	Stainless steel float <u>without</u> float chain		683	99

Flowjack 3" Float Valve Operating Pressure Guide

Valve Type	Code	Float type	Rated max pressure	
			Kpa	psi
High Pressure	FJ462	Tig welded stainless steel float	386	56
	FJ458	duel poly ball float	386	56
	FJ456	Stainless steel shell float	386	56
Low Pressure	FJ461	Tig welded stainless steel float	92	13
	FJ457	Duel poly ball float	92	13
	FJ455	Stainless steel shell float	92	13

Notes:

- 1) As the contact point of the adjustment bolt is adjusted towards the extrearms, the contact point will move off center and the maximum operating pressure decreases.
- 2) One foot in height of water = 0.433 psi. 1 meter = 1.422 psi
For example: If the water level in the tank is 20 feet above the outlet in the trough, this is equal to 8.67 psi at the trough outlet.