

### 4916 FLOW REGULATORS 19" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph			4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	
4916-8SS	psi	gpm																		
	10	0.004	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
	20	0.006	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	30	0.007	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	40	0.008	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4916-10SS	10	0.007	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	20	0.009	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	30	0.011	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
	40	0.013	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
491612SS	10	0.010	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
	20	0.013	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	30	0.016	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
	40	0.019	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
4916-14SS	10	0.013	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	20	0.018	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
	30	0.022	0.8	0.7	0.7	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
	40	0.025	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
4916-15SS	10	0.015	0.6	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	20	0.021	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
	30	0.025	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
	40	0.029	1.1	1.0	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
4916-16SS	10	0.017	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
	20	0.023	0.9	0.8	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
	30	0.029	1.1	1.0	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
	40	0.033	1.2	1.1	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
4916-18SS	10	0.021	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
	20	0.030	1.1	1.0	0.9	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
	30	0.036	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4
	40	0.042	1.6	1.4	1.2	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5

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12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph			
																gpm	psi		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0040	10	4916-8SS	
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0060	20			
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0070	30		
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0080	40		
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0070	10	4916-10SS	
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0090	20		
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0110	30		
0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0130	40		
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0100	10	4916-12SS	
0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0130	20		
0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0160	30		
0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0190	40		
0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0130	10	4916-14SS	
0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0180	20		
0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0220	30		
0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0250	40		
0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0150	10	4916-15SS	
0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0210	20		
0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0250	30		
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.0290	40		
0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0170	10	4916-16SS	
0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0230	20		
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.0290	30		
0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.0330	40		
0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0210	10	4916-18SS	
0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.0300	20		
0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0360	30		
0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.0420	40		





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mph	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
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4916-29SS	10	0.054	2.0	1.8	1.6	1.5	1.3	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.7
	20	0.076	2.8	2.5	2.3	2.1	1.9	1.7	1.6	1.5	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9
	30	0.093	3.5	3.1	2.8	2.5	2.3	2.1	2.0	1.8	1.7	1.6	1.5	1.5	1.4	1.3	1.3	1.2	1.2
	40	0.108	4.0	3.6	3.2	2.9	2.7	2.5	2.3	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.5	1.4	1.3

4916-30SS	10	0.057	2.1	1.9	1.7	1.5	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7
	20	0.081	3.0	2.7	2.4	2.2	2.0	1.9	1.7	1.6	1.5	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0
	30	0.099	3.7	3.3	2.9	2.7	2.5	2.3	2.1	2.0	1.8	1.7	1.6	1.5	1.5	1.4	1.3	1.3	1.2
	40	0.114	4.2	3.8	3.4	3.1	2.8	2.6	2.4	2.3	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.5	1.4

4916-31SS	10	0.061	2.3	2.0	1.8	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8
	20	0.087	3.2	2.9	2.6	2.3	2.2	2.0	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.1
	30	0.106	3.9	3.5	3.1	2.9	2.6	2.4	2.2	2.1	2.0	1.9	1.7	1.7	1.6	1.5	1.4	1.4	1.3
	40	0.123	4.6	4.1	3.7	3.3	3.0	2.8	2.6	2.4	2.3	2.1	2.0	1.9	1.8	1.7	1.7	1.6	1.5

4916-32SS	10	0.067	2.5	2.2	2.0	1.8	1.7	1.5	1.4	1.3	1.2	1.2	1.1	1.0	1.0	0.9	0.9	0.9	0.8
	20	0.095	3.5	3.1	2.8	2.6	2.4	2.2	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.3	1.2	1.2
	30	0.116	4.3	3.8	3.4	3.1	2.9	2.7	2.5	2.3	2.2	2.0	1.9	1.8	1.7	1.6	1.6	1.5	1.4
	40	0.135	5.0	4.5	4.0	3.6	3.3	3.1	2.9	2.7	2.5	2.4	2.2	2.1	2.0	1.9	1.8	1.7	1.7

4916-34SS	10	0.074	2.7	2.4	2.2	2.0	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.0	1.0	1.0	0.9
	20	0.104	3.9	3.4	3.1	2.8	2.6	2.4	2.2	2.1	1.9	1.8	1.7	1.6	1.5	1.5	1.4	1.3	1.3
	30	0.127	4.7	4.2	3.8	3.4	3.1	2.9	2.7	2.5	2.4	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.6
	40	0.147	5.5	4.9	4.4	4.0	3.6	3.4	3.1	2.9	2.7	2.6	2.4	2.3	2.2	2.1	2.0	1.9	1.8

4916-35SS	10	0.079	2.9	2.6	2.3	2.1	2.0	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.1	1.0	1.0
	20	0.111	4.1	3.7	3.3	3.0	2.7	2.5	2.4	2.2	2.1	1.9	1.8	1.7	1.6	1.6	1.5	1.4	1.4
	30	0.136	5.0	4.5	4.0	3.7	3.4	3.1	2.9	2.7	2.5	2.4	2.2	2.1	2.0	1.9	1.8	1.8	1.7
	40	0.157	5.8	5.2	4.7	4.2	3.9	3.6	3.3	3.1	2.9	2.7	2.6	2.5	2.3	2.2	2.1	2.0	1.9

4916-37SS	10	0.086	3.2	2.8	2.6	2.3	2.1	2.0	1.8	1.7	1.6	1.5	1.4	1.3	1.3	1.2	1.2	1.1	1.1
	20	0.121	4.5	4.0	3.6	3.3	3.0	2.8	2.6	2.4	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.6	1.5
	30	0.149	5.5	4.9	4.4	4.0	3.7	3.4	3.2	3.0	2.8	2.6	2.5	2.3	2.2	2.1	2.0	1.9	1.8
	40	0.172	6.4	5.7	5.1	4.6	4.3	3.9	3.6	3.4	3.2	3.0	2.8	2.7	2.6	2.4	2.3	2.2	2.1

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12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.0540	10	4916-29SS
0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.0760	20	
1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.0930	30	
1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.1080	40	
0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.0570	10	4916-30SS
1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.0810	20	
1.2	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.7	0.0990	30	
1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.1140	40	
0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0610	10	4916-31SS
1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.0870	20	
1.3	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.1060	30	
1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.1230	40	
0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.0670	10	4916-32SS
1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.0950	20	
1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.1160	30	
1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0	0.1350	40	
0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.0740	10	4916-34SS
1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.1040	20	
1.5	1.5	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.1270	30	
1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	0.1470	40	
0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.0790	10	4916-35SS
1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.1110	20	
1.6	1.6	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	0.1360	30	
1.9	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	0.1570	40	
1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.0860	10	4916-37SS
1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.1210	20	
1.8	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	0.1490	30	
2.0	2.0	1.9	1.8	1.8	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	0.1720	40	

### 4916 FLOW REGULATORS 19" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
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4916-39SS	10	0.095	3.5	3.1	2.8	2.6	2.4	2.2	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.3	1.2	1.2
	20	0.135	5.0	4.5	4.0	3.6	3.3	3.1	2.9	2.7	2.5	2.4	2.2	2.1	2.0	1.9	1.8	1.7	1.7
	30	0.165	6.1	5.4	4.9	4.5	4.1	3.8	3.5	3.3	3.1	2.9	2.7	2.6	2.5	2.3	2.2	2.1	2.0
	40	0.191	7.1	6.3	5.7	5.2	4.7	4.4	4.1	3.8	3.5	3.3	3.2	3.0	2.8	2.7	2.6	2.5	2.4

4916-40SS	10	0.102	3.8	3.4	3.0	2.8	2.5	2.3	2.2	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.3
	20	0.144	5.3	4.8	4.3	3.9	3.6	3.3	3.1	2.9	2.7	2.5	2.4	2.3	2.1	2.0	1.9	1.9	1.8
	30	0.177	6.6	5.8	5.3	4.8	4.4	4.0	3.8	3.5	3.3	3.1	2.9	2.8	2.6	2.5	2.4	2.3	2.2
	40	0.204	7.6	6.7	6.1	5.5	5.0	4.7	4.3	4.0	3.8	3.6	3.4	3.2	3.0	2.9	2.8	2.6	2.5

4916-41SS	10	0.105	3.9	3.5	3.1	2.8	2.6	2.4	2.2	2.1	1.9	1.8	1.7	1.6	1.6	1.5	1.4	1.4	1.3
	20	0.149	5.5	4.9	4.4	4.0	3.7	3.4	3.2	3.0	2.8	2.6	2.5	2.3	2.2	2.1	2.0	1.9	1.8
	30	0.182	6.8	6.0	5.4	4.9	4.5	4.2	3.9	3.6	3.4	3.2	3.0	2.8	2.7	2.6	2.5	2.4	2.3
	40	0.211	7.8	7.0	6.3	5.7	5.2	4.8	4.5	4.2	3.9	3.7	3.5	3.3	3.1	3.0	2.8	2.7	2.6

4916-43SS	10	0.115	4.3	3.8	3.4	3.1	2.8	2.6	2.4	2.3	2.1	2.0	1.9	1.8	1.7	1.6	1.6	1.5	1.4
	20	0.163	6.1	5.4	4.8	4.4	4.0	3.7	3.5	3.2	3.0	2.8	2.7	2.5	2.4	2.3	2.2	2.1	2.0
	30	0.200	7.4	6.6	5.9	5.4	5.0	4.6	4.2	4.0	3.7	3.5	3.3	3.1	3.0	2.8	2.7	2.6	2.5
	40	0.231	8.6	7.6	6.9	6.2	5.7	5.3	4.9	4.6	4.3	4.0	3.8	3.6	3.4	3.3	3.1	3.0	2.9

4916-45SS	10	0.125	4.6	4.1	3.7	3.4	3.1	2.9	2.7	2.5	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5
	20	0.176	6.5	5.8	5.2	4.8	4.4	4.0	3.7	3.5	3.3	3.1	2.9	2.8	2.6	2.5	2.4	2.3	2.2
	30	0.216	8.0	7.1	6.4	5.8	5.3	4.9	4.6	4.3	4.0	3.8	3.6	3.4	3.2	3.1	2.9	2.8	2.7
	40	0.250	9.3	8.3	7.4	6.8	6.2	5.7	5.3	5.0	4.6	4.4	4.1	3.9	3.7	3.5	3.4	3.2	3.1

4916-46SS	10	0.135	5.0	4.5	4.0	3.6	3.3	3.1	2.9	2.7	2.5	2.4	2.2	2.1	2.0	1.9	1.8	1.7	1.7
	20	0.191	7.1	6.3	5.7	5.2	4.7	4.4	4.1	3.8	3.5	3.3	3.2	3.0	2.8	2.7	2.6	2.5	2.4
	30	0.233	8.7	7.7	6.9	6.3	5.8	5.3	4.9	4.6	4.3	4.1	3.8	3.6	3.5	3.3	3.1	3.0	2.9
	40	0.270	10.0	8.9	8.0	7.3	6.7	6.2	5.7	5.3	5.0	4.7	4.5	4.2	4.0	3.8	3.6	3.5	3.3

4916-47SS	10	0.137	5.1	4.5	4.1	3.7	3.4	3.1	2.9	2.7	2.5	2.4	2.3	2.1	2.0	1.9	1.8	1.8	1.7
	20	0.194	7.2	6.4	5.8	5.2	4.8	4.4	4.1	3.8	3.6	3.4	3.2	3.0	2.9	2.7	2.6	2.5	2.4
	30	0.238	8.8	7.9	7.1	6.4	5.9	5.4	5.0	4.7	4.4	4.2	3.9	3.7	3.5	3.4	3.2	3.1	2.9
	40	0.275	10.2	9.1	8.2	7.4	6.8	6.3	5.8	5.4	5.1	4.8	4.5	4.3	4.1	3.9	3.7	3.6	3.4

### 4916 FLOW REGULATORS 19" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.0950	10	4916-39SS
1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0	0.1350	20	
2.0	1.9	1.8	1.8	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	0.1650	30	
2.3	2.2	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	0.1910	40	
1.2	1.2	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.1020	10	4916-40SS
1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	0.1440	20	
2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	0.1770	30	
2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.5	0.2040	40	
1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.1050	10	4916-41SS
1.8	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	0.1490	20	
2.2	2.1	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4	0.1820	30	
2.5	2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.6	0.2110	40	
1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.1150	10	4916-43SS
1.9	1.9	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	0.1630	20	
2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.7	1.6	1.6	1.5	1.5	0.2000	30	
2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	0.2310	40	
1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.1250	10	4916-45SS
2.1	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	0.1760	20	
2.6	2.5	2.4	2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	0.2160	30	
3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	0.2500	40	
1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0	0.1350	10	4916-46SS
2.3	2.2	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	0.1910	20	
2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	0.2330	30	
3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.2	2.1	2.1	2.0	0.2700	40	
1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	0.1370	10	4916-47SS
2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	0.1940	20	
2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8	0.2380	30	
3.3	3.1	3.0	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	0.2750	40	

### 4916 FLOW REGULATORS 19" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
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4916-48SS	10	0.143	5.3	4.7	4.2	3.9	3.5	3.3	3.0	2.8	2.7	2.5	2.4	2.2	2.1	2.0	1.9	1.8	1.8
	20	0.202	7.5	6.7	6.0	5.5	5.0	4.6	4.3	4.0	3.7	3.5	3.3	3.2	3.0	2.9	2.7	2.6	2.5
	30	0.247	9.2	8.2	7.3	6.7	6.1	5.6	5.2	4.9	4.6	4.3	4.1	3.9	3.7	3.5	3.3	3.2	3.1
	40	0.286	10.6	9.4	8.5	7.7	7.1	6.5	6.1	5.7	5.3	5.0	4.7	4.5	4.2	4.0	3.9	3.7	3.5

4916-49SS	10	0.147	5.5	4.9	4.4	4.0	3.6	3.4	3.1	2.9	2.7	2.6	2.4	2.3	2.2	2.1	2.0	1.9	1.8
	20	0.208	7.7	6.9	6.2	5.6	5.1	4.8	4.4	4.1	3.9	3.6	3.4	3.3	3.1	2.9	2.8	2.7	2.6
	30	0.255	9.5	8.4	7.6	6.9	6.3	5.8	5.4	5.0	4.7	4.5	4.2	4.0	3.8	3.6	3.4	3.3	3.2
	40	0.295	11.0	9.7	8.8	8.0	7.3	6.7	6.3	5.8	5.5	5.2	4.9	4.6	4.4	4.2	4.0	3.8	3.7

4916-51SS	10	0.164	6.1	5.4	4.9	4.4	4.1	3.7	3.5	3.2	3.0	2.9	2.7	2.6	2.4	2.3	2.2	2.1	2.0
	20	0.232	8.6	7.7	6.9	6.3	5.7	5.3	4.9	4.6	4.3	4.1	3.8	3.6	3.4	3.3	3.1	3.0	2.9
	30	0.284	10.5	9.4	8.4	7.7	7.0	6.5	6.0	5.6	5.3	5.0	4.7	4.4	4.2	4.0	3.8	3.7	3.5
	40	0.329	12.2	10.9	9.8	8.9	8.1	7.5	7.0	6.5	6.1	5.7	5.4	5.1	4.9	4.7	4.4	4.2	4.1

4916-52SS	10	0.167	6.2	5.5	5.0	4.5	4.1	3.8	3.5	3.3	3.1	2.9	2.8	2.6	2.5	2.4	2.3	2.2	2.1
	20	0.237	8.8	7.8	7.0	6.4	5.9	5.4	5.0	4.7	4.4	4.1	3.9	3.7	3.5	3.4	3.2	3.1	2.9
	30	0.290	10.8	9.6	8.6	7.8	7.2	6.6	6.2	5.7	5.4	5.1	4.8	4.5	4.3	4.1	3.9	3.7	3.6
	40	0.335	12.4	11.1	9.9	9.0	8.3	7.7	7.1	6.6	6.2	5.9	5.5	5.2	5.0	4.7	4.5	4.3	4.1

4916-54SS	10	0.180	6.7	5.9	5.3	4.9	4.5	4.1	3.8	3.6	3.3	3.1	3.0	2.8	2.7	2.5	2.4	2.3	2.2
	20	0.255	9.5	8.4	7.6	6.9	6.3	5.8	5.4	5.0	4.7	4.5	4.2	4.0	3.8	3.6	3.4	3.3	3.2
	30	0.312	11.6	10.3	9.3	8.4	7.7	7.1	6.6	6.2	5.8	5.5	5.1	4.9	4.6	4.4	4.2	4.0	3.9
	40	0.360	13.4	11.9	10.7	9.7	8.9	8.2	7.6	7.1	6.7	6.3	5.9	5.6	5.3	5.1	4.9	4.6	4.5

4916-55SS	10	0.188	7.0	6.2	5.6	5.1	4.7	4.3	4.0	3.7	3.5	3.3	3.1	2.9	2.8	2.7	2.5	2.4	2.3
	20	0.266	9.9	8.8	7.9	7.2	6.6	6.1	5.6	5.3	4.9	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.3
	30	0.326	12.1	10.8	9.7	8.8	8.1	7.4	6.9	6.5	6.1	5.7	5.4	5.1	4.8	4.6	4.4	4.2	4.0
	40	0.377	14.0	12.4	11.2	10.2	9.3	8.6	8.0	7.5	7.0	6.6	6.2	5.9	5.6	5.3	5.1	4.9	4.7

4916-57SS	10	0.200	7.4	6.6	5.9	5.4	5.0	4.6	4.2	4.0	3.7	3.5	3.3	3.1	3.0	2.8	2.7	2.6	2.5
	20	0.283	10.5	9.3	8.4	7.6	7.0	6.5	6.0	5.6	5.3	4.9	4.7	4.4	4.2	4.0	3.8	3.7	3.5
	30	0.346	12.8	11.4	10.3	9.3	8.6	7.9	7.3	6.9	6.4	6.0	5.7	5.4	5.1	4.9	4.7	4.5	4.3
	40	0.400	14.9	13.2	11.9	10.8	9.9	9.1	8.5	7.9	7.4	7.0	6.6	6.3	5.9	5.7	5.4	5.2	5.0

### 4916 FLOW REGULATORS 19" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	0.1430	10	4916-48SS
2.4	2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	0.2020	20	
2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.8	0.2470	30	
3.4	3.3	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.2	2.1	0.2860	40	
1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	0.1470	10	4916-49SS
2.5	2.4	2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	0.2080	20	
3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.9	0.2550	30	
3.5	3.4	3.2	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.2	0.2950	40	
1.9	1.9	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.2	0.1640	10	4916-51SS
2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	0.2320	20	
3.4	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.3	2.2	2.2	2.1	0.2840	30	
3.9	3.8	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.6	2.5	2.4	0.3290	40	
2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	0.1670	10	4916-52SS
2.8	2.7	2.6	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8	0.2370	20	
3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.5	2.4	2.3	2.3	2.2	2.2	0.2900	30	
4.0	3.8	3.7	3.6	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.6	2.5	0.3350	40	
2.1	2.1	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.3	0.1800	10	4916-54SS
3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.9	0.2550	20	
3.7	3.6	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.4	2.3	0.3120	30	
4.3	4.1	4.0	3.8	3.7	3.6	3.4	3.3	3.2	3.1	3.1	3.0	2.9	2.8	2.7	2.7	0.3600	40	
2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	0.1880	10	4916-55SS
3.2	3.0	2.9	2.8	2.7	2.6	2.5	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	2.0	0.2660	20	
3.9	3.7	3.6	3.5	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.5	2.4	0.3260	30	
4.5	4.3	4.1	4.0	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.9	2.8	0.3770	40	
2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.7	1.6	1.6	1.5	1.5	0.2000	10	4916-57SS
3.4	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.5	2.4	2.3	2.3	2.2	2.2	2.1	0.2830	20	
4.1	4.0	3.8	3.7	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.6	0.3460	30	
4.8	4.6	4.4	4.2	4.1	4.0	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	3.0	0.4000	40	

### 4916 FLOW REGULATORS 19" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
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4916-59SS	10	0.215	8.0	7.1	6.4	5.8	5.3	4.9	4.6	4.3	4.0	3.8	3.5	3.4	3.2	3.0	2.9	2.8	2.7
	20	0.304	11.3	10.0	9.0	8.2	7.5	6.9	6.4	6.0	5.6	5.3	5.0	4.8	4.5	4.3	4.1	3.9	3.8
	30	0.372	13.8	12.3	11.0	10.0	9.2	8.5	7.9	7.4	6.9	6.5	6.1	5.8	5.5	5.3	5.0	4.8	4.6
	40	0.433	16.1	14.3	12.9	11.7	10.7	9.9	9.2	8.6	8.0	7.6	7.1	6.8	6.4	6.1	5.8	5.6	5.4

4916-61SS	10	0.233	8.7	7.7	6.9	6.3	5.8	5.3	4.9	4.6	4.3	4.1	3.8	3.6	3.5	3.3	3.1	3.0	2.9
	20	0.330	12.3	10.9	9.8	8.9	8.2	7.5	7.0	6.5	6.1	5.8	5.4	5.2	4.9	4.7	4.5	4.3	4.1
	30	0.404	15.0	13.3	12.0	10.9	10.0	9.2	8.6	8.0	7.5	7.1	6.7	6.3	6.0	5.7	5.5	5.2	5.0
	40	0.466	17.3	15.4	13.8	12.6	11.5	10.6	9.9	9.2	8.7	8.1	7.7	7.3	6.9	6.6	6.3	6.0	5.8

4916-63SS	10	0.246	9.1	8.1	7.3	6.6	6.1	5.6	5.2	4.9	4.6	4.3	4.1	3.8	3.7	3.5	3.3	3.2	3.0
	20	0.347	12.9	11.5	10.3	9.4	8.6	7.9	7.4	6.9	6.4	6.1	5.7	5.4	5.2	4.9	4.7	4.5	4.3
	30	0.425	15.8	14.0	12.6	11.5	10.5	9.7	9.0	8.4	7.9	7.4	7.0	6.6	6.3	6.0	5.7	5.5	5.3
	40	0.491	18.2	16.2	14.6	13.3	12.2	11.2	10.4	9.7	9.1	8.6	8.1	7.7	7.3	6.9	6.6	6.3	6.1

4916-65SS	10	0.261	9.7	8.6	7.8	7.0	6.5	6.0	5.5	5.2	4.8	4.6	4.3	4.1	3.9	3.7	3.5	3.4	3.2
	20	0.369	13.7	12.2	11.0	10.0	9.1	8.4	7.8	7.3	6.8	6.4	6.1	5.8	5.5	5.2	5.0	4.8	4.6
	30	0.452	16.8	14.9	13.4	12.2	11.2	10.3	9.6	8.9	8.4	7.9	7.5	7.1	6.7	6.4	6.1	5.8	5.6
	40	0.522	19.4	17.2	15.5	14.1	12.9	11.9	11.1	10.3	9.7	9.1	8.6	8.2	7.8	7.4	7.0	6.7	6.5

4916-67SS	10	0.278	10.3	9.2	8.3	7.5	6.9	6.4	5.9	5.5	5.2	4.9	4.6	4.3	4.1	3.9	3.8	3.6	3.4
	20	0.392	14.6	12.9	11.6	10.6	9.7	9.0	8.3	7.8	7.3	6.8	6.5	6.1	5.8	5.5	5.3	5.1	4.9
	30	0.481	17.9	15.9	14.3	13.0	11.9	11.0	10.2	9.5	8.9	8.4	7.9	7.5	7.1	6.8	6.5	6.2	6.0
	40	0.555	20.6	18.3	16.5	15.0	13.7	12.7	11.8	11.0	10.3	9.7	9.2	8.7	8.2	7.8	7.5	7.2	6.9

4916-68SS	10	0.287	10.7	9.5	8.5	7.7	7.1	6.6	6.1	5.7	5.3	5.0	4.7	4.5	4.3	4.1	3.9	3.7	3.6
	20	0.405	15.0	13.4	12.0	10.9	10.0	9.3	8.6	8.0	7.5	7.1	6.7	6.3	6.0	5.7	5.5	5.2	5.0
	30	0.496	18.4	16.4	14.7	13.4	12.3	11.3	10.5	9.8	9.2	8.7	8.2	7.8	7.4	7.0	6.7	6.4	6.1
	40	0.573	21.3	18.9	17.0	15.5	14.2	13.1	12.2	11.3	10.6	10.0	9.5	9.0	8.5	8.1	7.7	7.4	7.1

4916-70SS	10	0.306	11.4	10.1	9.1	8.3	7.6	7.0	6.5	6.1	5.7	5.3	5.0	4.8	4.5	4.3	4.1	4.0	3.8
	20	0.433	16.1	14.3	12.9	11.7	10.7	9.9	9.2	8.6	8.0	7.6	7.1	6.8	6.4	6.1	5.8	5.6	5.4
	30	0.530	19.7	17.5	15.7	14.3	13.1	12.1	11.2	10.5	9.8	9.3	8.7	8.3	7.9	7.5	7.2	6.8	6.6
	40	0.612	22.7	20.2	18.2	16.5	15.1	14.0	13.0	12.1	11.4	10.7	10.1	9.6	9.1	8.7	8.3	7.9	7.6

### 4916 FLOW REGULATORS 19" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
2.6	2.5	2.4	2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	0.2150	10	4916-59SS
3.6	3.5	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.4	2.3	2.3	0.3040	20	
4.4	4.2	4.1	3.9	3.8	3.7	3.6	3.5	3.3	3.2	3.2	3.1	3.0	2.9	2.8	2.8	0.3720	30	
5.1	4.9	4.8	4.6	4.4	4.3	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	0.4330	40	
2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	0.2330	10	4916-61SS
3.9	3.8	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.6	2.5	2.5	0.3300	20	
4.8	4.6	4.4	4.3	4.1	4.0	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.2	3.1	3.0	0.4040	30	
5.5	5.3	5.1	4.9	4.8	4.6	4.5	4.3	4.2	4.1	4.0	3.8	3.7	3.6	3.5	3.5	0.4660	40	
2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	0.2460	10	4916-63SS
4.1	4.0	3.8	3.7	3.6	3.4	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.6	0.3470	20	
5.0	4.9	4.7	4.5	4.4	4.2	4.1	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.2	0.4250	30	
5.8	5.6	5.4	5.2	5.0	4.9	4.7	4.6	4.4	4.3	4.2	4.1	3.9	3.8	3.7	3.6	0.4910	40	
3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	0.2610	10	4916-65SS
4.4	4.2	4.1	3.9	3.8	3.7	3.5	3.4	3.3	3.2	3.1	3.0	3.0	2.9	2.8	2.7	0.3690	20	
5.4	5.2	5.0	4.8	4.6	4.5	4.3	4.2	4.1	3.9	3.8	3.7	3.6	3.5	3.4	3.4	0.4520	30	
6.2	6.0	5.7	5.5	5.3	5.2	5.0	4.8	4.7	4.6	4.4	4.3	4.2	4.1	4.0	3.9	0.5220	40	
3.3	3.2	3.1	2.9	2.8	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.2	2.1	2.1	0.2780	10	4916-67SS
4.7	4.5	4.3	4.2	4.0	3.9	3.8	3.6	3.5	3.4	3.3	3.2	3.1	3.1	3.0	2.9	0.3920	20	
5.7	5.5	5.3	5.1	4.9	4.8	4.6	4.5	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	0.4810	30	
6.6	6.3	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.8	4.7	4.6	4.5	4.3	4.2	4.1	0.5550	40	
3.4	3.3	3.2	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.2	2.1	0.2870	10	4916-68SS
4.8	4.6	4.5	4.3	4.1	4.0	3.9	3.8	3.6	3.5	3.4	3.3	3.3	3.2	3.1	3.0	0.4050	20	
5.9	5.7	5.5	5.3	5.1	4.9	4.8	4.6	4.5	4.3	4.2	4.1	4.0	3.9	3.8	3.7	0.4960	30	
6.8	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.9	4.7	4.6	4.5	4.4	4.3	0.5730	40	
3.6	3.5	3.4	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.5	2.4	2.3	2.3	0.3060	10	4916-70SS
5.1	4.9	4.8	4.6	4.4	4.3	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	0.4330	20	
6.3	6.1	5.8	5.6	5.4	5.2	5.1	4.9	4.8	4.6	4.5	4.4	4.3	4.1	4.0	3.9	0.5300	30	
7.3	7.0	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.9	4.8	4.7	4.5	0.6120	40	

### 4916 FLOW REGULATORS 19" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
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4916-72SS	10	0.320	11.9	10.6	9.5	8.6	7.9	7.3	6.8	6.3	5.9	5.6	5.3	5.0	4.8	4.5	4.3	4.1	4.0
	20	0.453	16.8	14.9	13.5	12.2	11.2	10.3	9.6	9.0	8.4	7.9	7.5	7.1	6.7	6.4	6.1	5.8	5.6
	30	0.544	20.2	18.0	16.2	14.7	13.5	12.4	11.5	10.8	10.1	9.5	9.0	8.5	8.1	7.7	7.3	7.0	6.7
	40	0.640	23.8	21.1	19.0	17.3	15.8	14.6	13.6	12.7	11.9	11.2	10.6	10.0	9.5	9.1	8.6	8.3	7.9

4916-73SS	10	0.330	12.3	10.9	9.8	8.9	8.2	7.5	7.0	6.5	6.1	5.8	5.4	5.2	4.9	4.7	4.5	4.3	4.1
	20	0.467	17.3	15.4	13.9	12.6	11.6	10.7	9.9	9.2	8.7	8.2	7.7	7.3	6.9	6.6	6.3	6.0	5.8
	30	0.572	21.2	18.9	17.0	15.4	14.2	13.1	12.1	11.3	10.6	10.0	9.4	8.9	8.5	8.1	7.7	7.4	7.1
	40	0.666	24.7	22.0	19.8	18.0	16.5	15.2	14.1	13.2	12.4	11.6	11.0	10.4	9.9	9.4	9.0	8.6	8.2

4916-75SS	10	0.347	12.9	11.5	10.3	9.4	8.6	7.9	7.4	6.9	6.4	6.1	5.7	5.4	5.2	4.9	4.7	4.5	4.3
	20	0.491	18.2	16.2	14.6	13.3	12.2	11.2	10.4	9.7	9.1	8.6	8.1	7.7	7.3	6.9	6.6	6.3	6.1
	30	0.600	22.3	19.8	17.8	16.2	14.9	13.7	12.7	11.9	11.1	10.5	9.9	9.4	8.9	8.5	8.1	7.7	7.4
	40	0.694	25.8	22.9	20.6	18.7	17.2	15.9	14.7	13.7	12.9	12.1	11.5	10.8	10.3	9.8	9.4	9.0	8.6

4916-78SS	10	0.385	14.3	12.7	11.4	10.4	9.5	8.8	8.2	7.6	7.1	6.7	6.4	6.0	5.7	5.4	5.2	5.0	4.8
	20	0.544	20.2	18.0	16.2	14.7	13.5	12.4	11.5	10.8	10.1	9.5	9.0	8.5	8.1	7.7	7.3	7.0	6.7
	30	0.667	24.8	22.0	19.8	18.0	16.5	15.2	14.1	13.2	12.4	11.7	11.0	10.4	9.9	9.4	9.0	8.6	8.3
	40	0.770	28.6	25.4	22.9	20.8	19.1	17.6	16.3	15.2	14.3	13.5	12.7	12.0	11.4	10.9	10.4	9.9	9.5

4916-80SS	10	0.397	14.7	13.1	11.8	10.7	9.8	9.1	8.4	7.9	7.4	6.9	6.6	6.2	5.9	5.6	5.4	5.1	4.9
	20	0.561	20.8	18.5	16.7	15.1	13.9	12.8	11.9	11.1	10.4	9.8	9.3	8.8	8.3	7.9	7.6	7.2	6.9
	30	0.687	25.5	22.7	20.4	18.5	17.0	15.7	14.6	13.6	12.8	12.0	11.3	10.7	10.2	9.7	9.3	8.9	8.5
	40	0.793	29.4	26.2	23.6	21.4	19.6	18.1	16.8	15.7	14.7	13.9	13.1	12.4	11.8	11.2	10.7	10.2	9.8

4916-81SS	10	0.411	15.3	13.6	12.2	11.1	10.2	9.4	8.7	8.1	7.6	7.2	6.8	6.4	6.1	5.8	5.5	5.3	5.1
	20	0.581	21.6	19.2	17.3	15.7	14.4	13.3	12.3	11.5	10.8	10.2	9.6	9.1	8.6	8.2	7.8	7.5	7.2
	30	0.711	26.4	23.5	21.1	19.2	17.6	16.2	15.1	14.1	13.2	12.4	11.7	11.1	10.6	10.1	9.6	9.2	8.8
	40	0.821	30.5	27.1	24.4	22.2	20.3	18.8	17.4	16.3	15.2	14.3	13.5	12.8	12.2	11.6	11.1	10.6	10.2

4916-83SS	10	0.499	18.5	16.5	14.8	13.5	12.4	11.4	10.6	9.9	9.3	8.7	8.2	7.8	7.4	7.1	6.7	6.4	6.2
	20	0.634	23.5	20.9	18.8	17.1	15.7	14.5	13.4	12.6	11.8	11.1	10.5	9.9	9.4	9.0	8.6	8.2	7.8
	30	0.777	28.8	25.6	23.1	21.0	19.2	17.8	16.5	15.4	14.4	13.6	12.8	12.1	11.5	11.0	10.5	10.0	9.6
	40	0.897	33.3	29.6	26.6	24.2	22.2	20.5	19.0	17.8	16.7	15.7	14.8	14.0	13.3	12.7	12.1	11.6	11.1

### 4916 FLOW REGULATORS 19" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
3.8	3.7	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.4	0.3200	10	4916-72SS
5.4	5.2	5.0	4.8	4.6	4.5	4.3	4.2	4.1	4.0	3.8	3.7	3.6	3.5	3.4	3.4	0.4530	20	
6.5	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.9	4.8	4.6	4.5	4.4	4.3	4.1	4.0	0.5440	30	
7.6	7.3	7.0	6.8	6.6	6.3	6.1	5.9	5.8	5.6	5.4	5.3	5.1	5.0	4.9	4.8	0.6400	40	
3.9	3.8	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.6	2.5	2.5	0.3300	10	4916-73SS
5.5	5.3	5.1	5.0	4.8	4.6	4.5	4.3	4.2	4.1	4.0	3.9	3.7	3.6	3.6	3.5	0.4670	20	
6.8	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	5.0	4.9	4.7	4.6	4.5	4.4	4.2	0.5720	30	
7.9	7.6	7.3	7.1	6.8	6.6	6.4	6.2	6.0	5.8	5.7	5.5	5.3	5.2	5.1	4.9	0.6660	40	
4.1	4.0	3.8	3.7	3.6	3.4	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.6	0.3470	10	4916-75SS
5.8	5.6	5.4	5.2	5.0	4.9	4.7	4.6	4.4	4.3	4.2	4.1	3.9	3.8	3.7	3.6	0.4910	20	
7.1	6.9	6.6	6.4	6.1	5.9	5.7	5.6	5.4	5.2	5.1	5.0	4.8	4.7	4.6	4.5	0.6000	30	
8.2	7.9	7.6	7.4	7.1	6.9	6.6	6.4	6.2	6.1	5.9	5.7	5.6	5.4	5.3	5.2	0.6940	40	
4.6	4.4	4.2	4.1	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.9	0.3850	10	4916-78SS
6.5	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.9	4.8	4.6	4.5	4.4	4.3	4.1	4.0	0.5440	20	
7.9	7.6	7.3	7.1	6.8	6.6	6.4	6.2	6.0	5.8	5.7	5.5	5.4	5.2	5.1	5.0	0.6670	30	
9.1	8.8	8.5	8.2	7.9	7.6	7.4	7.1	6.9	6.7	6.5	6.4	6.2	6.0	5.9	5.7	0.7700	40	
4.7	4.5	4.4	4.2	4.1	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	0.3970	10	4916-80SS
6.7	6.4	6.2	6.0	5.7	5.6	5.4	5.2	5.0	4.9	4.8	4.6	4.5	4.4	4.3	4.2	0.5610	20	
8.2	7.8	7.6	7.3	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.7	5.5	5.4	5.2	5.1	0.6870	30	
9.4	9.1	8.7	8.4	8.1	7.9	7.6	7.4	7.1	6.9	6.7	6.5	6.4	6.2	6.0	5.9	0.7930	40	
4.9	4.7	4.5	4.4	4.2	4.1	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.1	0.4110	10	4916-81SS
6.9	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.1	4.9	4.8	4.7	4.5	4.4	4.3	0.5810	20	
8.4	8.1	7.8	7.5	7.3	7.0	6.8	6.6	6.4	6.2	6.0	5.9	5.7	5.6	5.4	5.3	0.7110	30	
9.8	9.4	9.0	8.7	8.4	8.1	7.9	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.3	6.1	0.8210	40	
5.9	5.7	5.5	5.3	5.1	4.9	4.8	4.6	4.5	4.4	4.2	4.1	4.0	3.9	3.8	3.7	0.4990	10	4916-83SS
7.5	7.2	7.0	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.4	5.2	5.1	5.0	4.8	4.7	0.6340	20	
9.2	8.9	8.5	8.2	8.0	7.7	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.1	5.9	5.8	0.7770	30	
10.7	10.2	9.9	9.5	9.2	8.9	8.6	8.3	8.1	7.8	7.6	7.4	7.2	7.0	6.8	6.7	0.8970	40	

### 4916 FLOW REGULATORS 19" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
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4916-86SS	10	0.470	17.4	15.5	14.0	12.7	11.6	10.7	10.0	9.3	8.7	8.2	7.8	7.3	7.0	6.6	6.3	6.1	5.8
	20	0.664	24.7	21.9	19.7	17.9	16.4	15.2	14.1	13.1	12.3	11.6	11.0	10.4	9.9	9.4	9.0	8.6	8.2
	30	0.813	30.2	26.8	24.1	22.0	20.1	18.6	17.2	16.1	15.1	14.2	13.4	12.7	12.1	11.5	11.0	10.5	10.1
	40	0.939	34.9	31.0	27.9	25.4	23.2	21.5	19.9	18.6	17.4	16.4	15.5	14.7	13.9	13.3	12.7	12.1	11.6

4916-89SS	10	0.490	18.2	16.2	14.6	13.2	12.1	11.2	10.4	9.7	9.1	8.6	8.1	7.7	7.3	6.9	6.6	6.3	6.1
	20	0.693	25.7	22.9	20.6	18.7	17.2	15.8	14.7	13.7	12.9	12.1	11.4	10.8	10.3	9.8	9.4	8.9	8.6
	30	0.849	31.5	28.0	25.2	22.9	21.0	19.4	18.0	16.8	15.8	14.8	14.0	13.3	12.6	12.0	11.5	11.0	10.5
	40	0.980	36.4	32.3	29.1	26.5	24.3	22.4	20.8	19.4	18.2	17.1	16.2	15.3	14.6	13.9	13.2	12.7	12.1

4916-91SS	10	0.523	19.4	17.3	15.5	14.1	12.9	11.9	11.1	10.4	9.7	9.1	8.6	8.2	7.8	7.4	7.1	6.8	6.5
	20	0.739	27.4	24.4	21.9	20.0	18.3	16.9	15.7	14.6	13.7	12.9	12.2	11.6	11.0	10.5	10.0	9.5	9.1
	30	0.905	33.6	29.9	26.9	24.4	22.4	20.7	19.2	17.9	16.8	15.8	14.9	14.1	13.4	12.8	12.2	11.7	11.2
	40	1.050	39.0	34.7	31.2	28.4	26.0	24.0	22.3	20.8	19.5	18.3	17.3	16.4	15.6	14.9	14.2	13.6	13.0

4916-93SS	10	0.547	20.3	18.1	16.2	14.8	13.5	12.5	11.6	10.8	10.2	9.6	9.0	8.6	8.1	7.7	7.4	7.1	6.8
	20	0.774	28.7	25.5	23.0	20.9	19.2	17.7	16.4	15.3	14.4	13.5	12.8	12.1	11.5	10.9	10.4	10.0	9.6
	30	0.947	35.2	31.3	28.1	25.6	23.4	21.6	20.1	18.8	17.6	16.5	15.6	14.8	14.1	13.4	12.8	12.2	11.7
	40	1.090	40.5	36.0	32.4	29.4	27.0	24.9	23.1	21.6	20.2	19.0	18.0	17.0	16.2	15.4	14.7	14.1	13.5

4916-95SS	10	0.572	21.2	18.9	17.0	15.4	14.2	13.1	12.1	11.3	10.6	10.0	9.4	8.9	8.5	8.1	7.7	7.4	7.1
	20	0.808	30.0	26.7	24.0	21.8	20.0	18.5	17.1	16.0	15.0	14.1	13.3	12.6	12.0	11.4	10.9	10.4	10.0
	30	0.990	36.8	32.7	29.4	26.7	24.5	22.6	21.0	19.6	18.4	17.3	16.3	15.5	14.7	14.0	13.4	12.8	12.3
	40	1.140	42.3	37.6	33.9	30.8	28.2	26.0	24.2	22.6	21.2	19.9	18.8	17.8	16.9	16.1	15.4	14.7	14.1

4916-98SS	10	0.625	23.2	20.6	18.6	16.9	15.5	14.3	13.3	12.4	11.6	10.9	10.3	9.8	9.3	8.8	8.4	8.1	7.7
	20	0.884	32.8	29.2	26.3	23.9	21.9	20.2	18.8	17.5	16.4	15.4	14.6	13.8	13.1	12.5	11.9	11.4	10.9
	30	1.080	40.1	35.6	32.1	29.2	26.7	24.7	22.9	21.4	20.0	18.9	17.8	16.9	16.0	15.3	14.6	13.9	13.4
	40	1.250	46.4	41.3	37.1	33.8	30.9	28.6	26.5	24.8	23.2	21.8	20.6	19.5	18.6	17.7	16.9	16.1	15.5

4916-103SS	10	0.653	24.2	21.5	19.4	17.6	16.2	14.9	13.9	12.9	12.1	11.4	10.8	10.2	9.7	9.2	8.8	8.4	8.1
	20	0.923	34.3	30.5	27.4	24.9	22.8	21.1	19.6	18.3	17.1	16.1	15.2	14.4	13.7	13.1	12.5	11.9	11.4
	30	1.130	42.0	37.3	33.6	30.5	28.0	25.8	24.0	22.4	21.0	19.7	18.6	17.7	16.8	16.0	15.3	14.6	14.0
	40	1.310	48.6	43.2	38.9	35.4	32.4	29.9	27.8	25.9	24.3	22.9	21.6	20.5	19.5	18.5	17.7	16.9	16.2

### 4916 FLOW REGULATORS 19" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
5.6	5.4	5.2	5.0	4.8	4.7	4.5	4.4	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	0.4700	10	4916-86SS
7.9	7.6	7.3	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.5	5.3	5.2	5.1	4.9	0.6640	20	
9.7	9.3	8.9	8.6	8.3	8.0	7.8	7.5	7.3	7.1	6.9	6.7	6.5	6.4	6.2	6.0	0.8130	30	
11.2	10.7	10.3	10.0	9.6	9.3	9.0	8.7	8.5	8.2	8.0	7.7	7.5	7.3	7.2	7.0	0.9390	40	
5.8	5.6	5.4	5.2	5.0	4.9	4.7	4.5	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.6	0.4900	10	4916-89SS
8.2	7.9	7.6	7.4	7.1	6.9	6.6	6.4	6.2	6.1	5.9	5.7	5.6	5.4	5.3	5.1	0.6930	20	
10.1	9.7	9.3	9.0	8.7	8.4	8.1	7.9	7.6	7.4	7.2	7.0	6.8	6.6	6.5	6.3	0.8490	30	
11.6	11.2	10.8	10.4	10.0	9.7	9.4	9.1	8.8	8.6	8.3	8.1	7.9	7.7	7.5	7.3	0.9800	40	
6.2	6.0	5.8	5.5	5.4	5.2	5.0	4.9	4.7	4.6	4.4	4.3	4.2	4.1	4.0	3.9	0.5230	10	4916-91SS
8.8	8.4	8.1	7.8	7.6	7.3	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.8	5.6	5.5	0.7390	20	
10.8	10.3	10.0	9.6	9.3	9.0	8.7	8.4	8.1	7.9	7.7	7.5	7.3	7.1	6.9	6.7	0.9050	30	
12.5	12.0	11.6	11.1	10.8	10.4	10.1	9.7	9.5	9.2	8.9	8.7	8.4	8.2	8.0	7.8	1.0500	40	
6.5	6.2	6.0	5.8	5.6	5.4	5.2	5.1	4.9	4.8	4.6	4.5	4.4	4.3	4.2	4.1	0.5470	10	4916-93SS
9.2	8.8	8.5	8.2	7.9	7.7	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.9	5.7	0.7740	20	
11.3	10.8	10.4	10.0	9.7	9.4	9.1	8.8	8.5	8.3	8.0	7.8	7.6	7.4	7.2	7.0	0.9470	30	
12.9	12.5	12.0	11.6	11.2	10.8	10.4	10.1	9.8	9.5	9.2	9.0	8.7	8.5	8.3	8.1	1.0900	40	
6.8	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	5.0	4.9	4.7	4.6	4.5	4.4	4.2	0.5720	10	4916-95SS
9.6	9.2	8.9	8.6	8.3	8.0	7.7	7.5	7.3	7.1	6.9	6.7	6.5	6.3	6.2	6.0	0.8080	20	
11.8	11.3	10.9	10.5	10.1	9.8	9.5	9.2	8.9	8.6	8.4	8.2	7.9	7.7	7.5	7.4	0.9900	30	
13.5	13.0	12.5	12.1	11.7	11.3	10.9	10.6	10.3	10.0	9.7	9.4	9.2	8.9	8.7	8.5	1.1400	40	
7.4	7.1	6.9	6.6	6.4	6.2	6.0	5.8	5.6	5.5	5.3	5.2	5.0	4.9	4.8	4.6	0.6250	10	4916-98SS
10.5	10.1	9.7	9.4	9.1	8.8	8.5	8.2	8.0	7.7	7.5	7.3	7.1	6.9	6.7	6.6	0.8840	20	
12.8	12.3	11.9	11.5	11.1	10.7	10.3	10.0	9.7	9.4	9.2	8.9	8.7	8.4	8.2	8.0	1.0800	30	
14.9	14.3	13.8	13.3	12.8	12.4	12.0	11.6	11.3	10.9	10.6	10.3	10.0	9.8	9.5	9.3	1.2500	40	
7.8	7.5	7.2	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.4	5.2	5.1	5.0	4.8	0.6530	10	4916-103SS
11.0	10.5	10.2	9.8	9.5	9.1	8.8	8.6	8.3	8.1	7.8	7.6	7.4	7.2	7.0	6.9	0.9230	20	
13.4	12.9	12.4	12.0	11.6	11.2	10.8	10.5	10.2	9.9	9.6	9.3	9.1	8.8	8.6	8.4	1.1300	30	
15.6	15.0	14.4	13.9	13.4	13.0	12.6	12.2	11.8	11.4	11.1	10.8	10.5	10.2	10.0	9.7	1.3100	40	

### 4916 FLOW REGULATORS 19" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
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4916-107SS	10	0.733	27.2	24.2	21.8	19.8	18.1	16.7	15.6	14.5	13.6	12.8	12.1	11.5	10.9	10.4	9.9	9.5	9.1
	20	1.040	38.6	34.3	30.9	28.1	25.7	23.8	22.1	20.6	19.3	18.2	17.2	16.3	15.4	14.7	14.0	13.4	12.9
	30	1.270	47.1	41.9	37.7	34.3	31.4	29.0	26.9	25.1	23.6	22.2	21.0	19.9	18.9	18.0	17.1	16.4	15.7
	40	1.470	54.6	48.5	43.7	39.7	36.4	33.6	31.2	29.1	27.3	25.7	24.3	23.0	21.8	20.8	19.8	19.0	18.2

4916-110SS	10	0.775	28.8	25.6	23.0	20.9	19.2	17.7	16.4	15.3	14.4	13.5	12.8	12.1	11.5	11.0	10.5	10.0	9.6
	20	1.100	40.8	36.3	32.7	29.7	27.2	25.1	23.3	21.8	20.4	19.2	18.2	17.2	16.3	15.6	14.9	14.2	13.6
	30	1.340	49.7	44.2	39.8	36.2	33.2	30.6	28.4	26.5	24.9	23.4	22.1	20.9	19.9	19.0	18.1	17.3	16.6
	40	1.550	57.5	51.2	46.0	41.9	38.4	35.4	32.9	30.7	28.8	27.1	25.6	24.2	23.0	21.9	20.9	20.0	19.2

4916-115SS	10	0.885	32.9	29.2	26.3	23.9	21.9	20.2	18.8	17.5	16.4	15.5	14.6	13.8	13.1	12.5	11.9	11.4	11.0
	20	1.210	44.9	39.9	35.9	32.7	29.9	27.6	25.7	24.0	22.5	21.1	20.0	18.9	18.0	17.1	16.3	15.6	15.0
	30	1.480	54.9	48.8	44.0	40.0	36.6	33.8	31.4	29.3	27.5	25.9	24.4	23.1	22.0	20.9	20.0	19.1	18.3
	40	1.710	63.5	56.4	50.8	46.2	42.3	39.1	36.3	33.9	31.7	29.9	28.2	26.7	25.4	24.2	23.1	22.1	21.2

4916-120SS	10	0.890	33.0	29.4	26.4	24.0	22.0	20.3	18.9	17.6	16.5	15.5	14.7	13.9	13.2	12.6	12.0	11.5	11.0
	20	1.260	46.8	41.6	37.4	34.0	31.2	28.8	26.7	24.9	23.4	22.0	20.8	19.7	18.7	17.8	17.0	16.3	15.6
	30	1.540	57.2	50.8	45.7	41.6	38.1	35.2	32.7	30.5	28.6	26.9	25.4	24.1	22.9	21.8	20.8	19.9	19.1
	40	1.780	66.1	58.7	52.9	48.1	44.1	40.7	37.8	35.2	33.0	31.1	29.4	27.8	26.4	25.2	24.0	23.0	22.0

4916-125SS	10	0.980	36.4	32.3	29.1	26.5	24.3	22.4	20.8	19.4	18.2	17.1	16.2	15.3	14.6	13.9	13.2	12.7	12.1
	20	1.390	51.6	45.9	41.3	37.5	34.4	31.8	29.5	27.5	25.8	24.3	22.9	21.7	20.6	19.7	18.8	17.9	17.2
	30	1.700	63.1	56.1	50.5	45.9	42.1	38.8	36.1	33.7	31.6	29.7	28.1	26.6	25.2	24.0	23.0	22.0	21.0
	40	1.960	72.8	64.7	58.2	52.9	48.5	44.8	41.6	38.8	36.4	34.2	32.3	30.6	29.1	27.7	26.5	25.3	24.3

4916-128SS	10	1.020	37.9	33.7	30.3	27.5	25.2	23.3	21.6	20.2	18.9	17.8	16.8	15.9	15.1	14.4	13.8	13.2	12.6
	20	1.440	53.5	47.5	42.8	38.9	35.6	32.9	30.5	28.5	26.7	25.2	23.8	22.5	21.4	20.4	19.4	18.6	17.8
	30	1.770	65.7	58.4	52.6	47.8	43.8	40.4	37.5	35.0	32.9	30.9	29.2	27.7	26.3	25.0	23.9	22.9	21.9
	40	2.040	75.7	67.3	60.6	55.1	50.5	46.6	43.3	40.4	37.9	35.6	33.7	31.9	30.3	28.9	27.5	26.3	25.2

4916-132SS	10	1.100	40.8	36.3	32.7	29.7	27.2	25.1	23.3	21.8	20.4	19.2	18.2	17.2	16.3	15.6	14.9	14.2	13.6
	20	1.550	57.5	51.2	46.0	41.9	38.4	35.4	32.9	30.7	28.8	27.1	25.6	24.2	23.0	21.9	20.9	20.0	19.2
	30	1.900	70.5	62.7	56.4	51.3	47.0	43.4	40.3	37.6	35.3	33.2	31.4	29.7	28.2	26.9	25.7	24.5	23.5
	40	2.190	81.3	72.3	65.0	59.1	54.2	50.0	46.5	43.4	40.7	38.3	36.1	34.2	32.5	31.0	29.6	28.3	27.1

### 4916 FLOW REGULATORS 19" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
8.7	8.4	8.1	7.8	7.5	7.3	7.0	6.8	6.6	6.4	6.2	6.0	5.9	5.7	5.6	5.4	0.7330	10	4916-107SS
12.4	11.9	11.4	11.0	10.7	10.3	10.0	9.7	9.4	9.1	8.8	8.6	8.3	8.1	7.9	7.7	1.0400	20	
15.1	14.5	14.0	13.5	13.0	12.6	12.2	11.8	11.4	11.1	10.8	10.5	10.2	9.9	9.7	9.4	1.2700	30	
17.5	16.8	16.2	15.6	15.1	14.6	14.1	13.6	13.2	12.8	12.5	12.1	11.8	11.5	11.2	10.9	1.4700	40	
9.2	8.9	8.5	8.2	7.9	7.7	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.1	5.9	5.8	0.7750	10	4916-110SS
13.1	12.6	12.1	11.7	11.3	10.9	10.5	10.2	9.9	9.6	9.3	9.1	8.8	8.6	8.4	8.2	1.1000	20	
15.9	15.3	14.7	14.2	13.7	13.3	12.8	12.4	12.1	11.7	11.4	11.1	10.8	10.5	10.2	9.9	1.3400	30	
18.4	17.7	17.1	16.4	15.9	15.3	14.9	14.4	14.0	13.5	13.2	12.8	12.4	12.1	11.8	11.5	1.5500	40	
10.5	10.1	9.7	9.4	9.1	8.8	8.5	8.2	8.0	7.7	7.5	7.3	7.1	6.9	6.7	6.6	0.8850	10	4916-115SS
14.4	13.8	13.3	12.8	12.4	12.0	11.6	11.2	10.9	10.6	10.3	10.0	9.7	9.5	9.2	9.0	1.2100	20	
17.6	16.9	16.3	15.7	15.2	14.7	14.2	13.7	13.3	12.9	12.6	12.2	11.9	11.6	11.3	11.0	1.4800	30	
20.3	19.5	18.8	18.1	17.5	16.9	16.4	15.9	15.4	14.9	14.5	14.1	13.7	13.4	13.0	12.7	1.7100	40	
10.6	10.2	9.8	9.4	9.1	8.8	8.5	8.3	8.0	7.8	7.6	7.3	7.1	7.0	6.8	6.6	0.8900	10	4916-120SS
15.0	14.4	13.9	13.4	12.9	12.5	12.1	11.7	11.3	11.0	10.7	10.4	10.1	9.8	9.6	9.4	1.2600	20	
18.3	17.6	16.9	16.3	15.8	15.2	14.8	14.3	13.9	13.5	13.1	12.7	12.4	12.0	11.7	11.4	1.5400	30	
21.1	20.3	19.6	18.9	18.2	17.6	17.1	16.5	16.0	15.5	15.1	14.7	14.3	13.9	13.6	13.2	1.7800	40	
11.6	11.2	10.8	10.4	10.0	9.7	9.4	9.1	8.8	8.6	8.3	8.1	7.9	7.7	7.5	7.3	0.9800	10	4916-125SS
16.5	15.9	15.3	14.7	14.2	13.8	13.3	12.9	12.5	12.1	11.8	11.5	11.2	10.9	10.6	10.3	1.3900	20	
20.2	19.4	18.7	18.0	17.4	16.8	16.3	15.8	15.3	14.9	14.4	14.0	13.6	13.3	12.9	12.6	1.7000	30	
23.3	22.4	21.6	20.8	20.1	19.4	18.8	18.2	17.6	17.1	16.6	16.2	15.7	15.3	14.9	14.6	1.9600	40	
12.1	11.7	11.2	10.8	10.4	10.1	9.8	9.5	9.2	8.9	8.7	8.4	8.2	8.0	7.8	7.6	1.0200	10	4916-128SS
17.1	16.4	15.8	15.3	14.7	14.3	13.8	13.4	13.0	12.6	12.2	11.9	11.6	11.3	11.0	10.7	1.4400	20	
21.0	20.2	19.5	18.8	18.1	17.5	17.0	16.4	15.9	15.5	15.0	14.6	14.2	13.8	13.5	13.1	1.7700	30	
24.2	23.3	22.4	21.6	20.9	20.2	19.5	18.9	18.4	17.8	17.3	16.8	16.4	15.9	15.5	15.1	2.0400	40	
13.1	12.6	12.1	11.7	11.3	10.9	10.5	10.2	9.9	9.6	9.3	9.1	8.8	8.6	8.4	8.2	1.1000	10	4916-132SS
18.4	17.7	17.1	16.4	15.9	15.3	14.9	14.4	14.0	13.5	13.2	12.8	12.4	12.1	11.8	11.5	1.5500	20	
22.6	21.7	20.9	20.2	19.5	18.8	18.2	17.6	17.1	16.6	16.1	15.7	15.3	14.9	14.5	14.1	1.9000	30	
26.0	25.0	24.1	23.2	22.4	21.7	21.0	20.3	19.7	19.1	18.6	18.1	17.6	17.1	16.7	16.3	2.1900	40	

### 4916 FLOW REGULATORS 19" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
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4916-136SS	10	1.190	44.2	39.3	35.3	32.1	29.5	27.2	25.2	23.6	22.1	20.8	19.6	18.6	17.7	16.8	16.1	15.4	14.7
	20	1.680	62.4	55.4	49.9	45.4	41.6	38.4	35.6	33.3	31.2	29.4	27.7	26.3	24.9	23.8	22.7	21.7	20.8
	30	2.060	76.5	68.0	61.2	55.6	51.0	47.1	43.7	40.8	38.2	36.0	34.0	32.2	30.6	29.1	27.8	26.6	25.5
	40	2.380	88.4	78.5	70.7	64.3	58.9	54.4	50.5	47.1	44.2	41.6	39.3	37.2	35.3	33.7	32.1	30.7	29.5

4916-140SS	10	1.270	47.1	41.9	37.7	34.3	31.4	29.0	26.9	25.1	23.6	22.2	21.0	19.9	18.9	18.0	17.1	16.4	15.7
	20	1.790	66.5	59.1	53.2	48.3	44.3	40.9	38.0	35.4	33.2	31.3	29.5	28.0	26.6	25.3	24.2	23.1	22.2
	30	2.190	81.3	72.3	65.0	59.1	54.2	50.0	46.5	43.4	40.7	38.3	36.1	34.2	32.5	31.0	29.6	28.3	27.1
	40	2.530	93.9	83.5	75.1	68.3	62.6	57.8	53.7	50.1	47.0	44.2	41.7	39.5	37.6	35.8	34.2	32.7	31.3

4916-144SS	10	1.310	48.6	43.2	38.9	35.4	32.4	29.9	27.8	25.9	24.3	22.9	21.6	20.5	19.5	18.5	17.7	16.9	16.2
	20	1.850	68.7	61.1	54.9	50.0	45.8	42.3	39.2	36.6	34.3	32.3	30.5	28.9	27.5	26.2	25.0	23.9	22.9
	30	2.270	84.3	74.9	67.4	61.3	56.2	51.9	48.2	44.9	42.1	39.7	37.5	35.5	33.7	32.1	30.6	29.3	28.1
	40	2.620	97.3	86.5	77.8	70.7	64.8	59.9	55.6	51.9	48.6	45.8	43.2	41.0	38.9	37.1	35.4	33.8	32.4

4916-147SS	10	1.350	50.1	44.6	40.1	36.5	33.4	30.8	28.6	26.7	25.1	23.6	22.3	21.1	20.0	19.1	18.2	17.4	16.7
	20	1.910	70.9	63.0	56.7	51.6	47.3	43.6	40.5	37.8	35.5	33.4	31.5	29.9	28.4	27.0	25.8	24.7	23.6
	30	2.330	86.5	76.9	69.2	62.9	57.7	53.2	49.4	46.1	43.3	40.7	38.4	36.4	34.6	33.0	31.5	30.1	28.8
	40	2.700	100.2	89.1	80.2	72.9	66.8	61.7	57.3	53.5	50.1	47.2	44.6	42.2	40.1	38.2	36.5	34.9	33.4

4916-151SS	10	1.470	54.6	48.5	43.7	39.7	36.4	33.6	31.2	29.1	27.3	25.7	24.3	23.0	21.8	20.8	19.8	19.0	18.2
	20	2.080	77.2	68.6	61.8	56.2	51.5	47.5	44.1	41.2	38.6	36.3	34.3	32.5	30.9	29.4	28.1	26.9	25.7
	30	2.550	94.7	84.2	75.7	68.9	63.1	58.3	54.1	50.5	47.3	44.6	42.1	39.9	37.9	36.1	34.4	32.9	31.6
	40	2.940	109.1	97.0	87.3	79.4	72.8	67.2	62.4	58.2	54.6	51.4	48.5	46.0	43.7	41.6	39.7	38.0	36.4

4916-156SS	10	1.550	57.5	51.2	46.0	41.9	38.4	35.4	32.9	30.7	28.8	27.1	25.6	24.2	23.0	21.9	20.9	20.0	19.2
	20	2.200	81.7	72.6	65.3	59.4	54.5	50.3	46.7	43.6	40.8	38.4	36.3	34.4	32.7	31.1	29.7	28.4	27.2
	30	2.690	99.9	88.8	79.9	72.6	66.6	61.5	57.1	53.3	49.9	47.0	44.4	42.0	39.9	38.0	36.3	34.7	33.3
	40	3.110	115.5	102.6	92.4	84.0	77.0	71.1	66.0	61.6	57.7	54.3	51.3	48.6	46.2	44.0	42.0	40.2	38.5

4916-161SS	10	1.630	60.5	53.8	48.4	44.0	40.3	37.2	34.6	32.3	30.3	28.5	26.9	25.5	24.2	23.1	22.0	21.0	20.2
	20	2.310	85.8	76.2	68.6	62.4	57.2	52.8	49.0	45.7	42.9	40.4	38.1	36.1	34.3	32.7	31.2	29.8	28.6
	30	2.830	105.1	93.4	84.1	76.4	70.0	64.7	60.0	56.0	52.5	49.4	46.7	44.2	42.0	40.0	38.2	36.5	35.0
	40	3.270	121.4	107.9	97.1	88.3	80.9	74.7	69.4	64.7	60.7	57.1	54.0	51.1	48.6	46.2	44.1	42.2	40.5

### 4916 FLOW REGULATORS 19" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
14.1	13.6	13.1	12.6	12.2	11.8	11.4	11.0	10.7	10.4	10.1	9.8	9.6	9.3	9.1	8.8	1.1900	10	4916-136SS
20.0	19.2	18.5	17.8	17.2	16.6	16.1	15.6	15.1	14.7	14.3	13.9	13.5	13.1	12.8	12.5	1.6800	20	
24.5	23.5	22.7	21.9	21.1	20.4	19.7	19.1	18.5	18.0	17.5	17.0	16.5	16.1	15.7	15.3	2.0600	30	
28.3	27.2	26.2	25.2	24.4	23.6	22.8	22.1	21.4	20.8	20.2	19.6	19.1	18.6	18.1	17.7	2.3800	40	
15.1	14.5	14.0	13.5	13.0	12.6	12.2	11.8	11.4	11.1	10.8	10.5	10.2	9.9	9.7	9.4	1.2700	10	4916-140SS
21.3	20.4	19.7	19.0	18.3	17.7	17.1	16.6	16.1	15.6	15.2	14.8	14.4	14.0	13.6	13.3	1.7900	20	
26.0	25.0	24.1	23.2	22.4	21.7	21.0	20.3	19.7	19.1	18.6	18.1	17.6	17.1	16.7	16.3	2.1900	30	
30.1	28.9	27.8	26.8	25.9	25.0	24.2	23.5	22.8	22.1	21.5	20.9	20.3	19.8	19.3	18.8	2.5300	40	
15.6	15.0	14.4	13.9	13.4	13.0	12.6	12.2	11.8	11.4	11.1	10.8	10.5	10.2	10.0	9.7	1.3100	10	4916-144SS
22.0	21.1	20.4	19.6	18.9	18.3	17.7	17.2	16.7	16.2	15.7	15.3	14.9	14.5	14.1	13.7	1.8500	20	
27.0	25.9	25.0	24.1	23.2	22.5	21.7	21.1	20.4	19.8	19.3	18.7	18.2	17.7	17.3	16.9	2.2700	30	
31.1	29.9	28.8	27.8	26.8	25.9	25.1	24.3	23.6	22.9	22.2	21.6	21.0	20.5	20.0	19.5	2.6200	40	
16.0	15.4	14.9	14.3	13.8	13.4	12.9	12.5	12.2	11.8	11.5	11.1	10.8	10.6	10.3	10.0	1.3500	10	4916-147SS
22.7	21.8	21.0	20.3	19.6	18.9	18.3	17.7	17.2	16.7	16.2	15.8	15.3	14.9	14.5	14.2	1.9100	20	
27.7	26.6	25.6	24.7	23.9	23.1	22.3	21.6	21.0	20.4	19.8	19.2	18.7	18.2	17.7	17.3	2.3300	30	
32.1	30.8	29.7	28.6	27.7	26.7	25.9	25.1	24.3	23.6	22.9	22.3	21.7	21.1	20.6	20.0	2.7000	40	
17.5	16.8	16.2	15.6	15.1	14.6	14.1	13.6	13.2	12.8	12.5	12.1	11.8	11.5	11.2	10.9	1.4700	10	4916-151SS
24.7	23.8	22.9	22.1	21.3	20.6	19.9	19.3	18.7	18.2	17.7	17.2	16.7	16.3	15.8	15.4	2.0800	20	
30.3	29.1	28.1	27.0	26.1	25.2	24.4	23.7	23.0	22.3	21.6	21.0	20.5	19.9	19.4	18.9	2.5500	30	
34.9	33.6	32.3	31.2	30.1	29.1	28.2	27.3	26.5	25.7	24.9	24.3	23.6	23.0	22.4	21.8	2.9400	40	
18.4	17.7	17.1	16.4	15.9	15.3	14.9	14.4	14.0	13.5	13.2	12.8	12.4	12.1	11.8	11.5	1.5500	10	4916-156SS
26.1	25.1	24.2	23.3	22.5	21.8	21.1	20.4	19.8	19.2	18.7	18.2	17.7	17.2	16.8	16.3	2.2000	20	
32.0	30.7	29.6	28.5	27.5	26.6	25.8	25.0	24.2	23.5	22.8	22.2	21.6	21.0	20.5	20.0	2.6900	30	
36.9	35.5	34.2	33.0	31.9	30.8	29.8	28.9	28.0	27.2	26.4	25.7	25.0	24.3	23.7	23.1	3.1100	40	
19.4	18.6	17.9	17.3	16.7	16.1	15.6	15.1	14.7	14.2	13.8	13.4	13.1	12.7	12.4	12.1	1.6300	10	4916-161SS
27.4	26.4	25.4	24.5	23.7	22.9	22.1	21.4	20.8	20.2	19.6	19.1	18.5	18.1	17.6	17.2	2.3100	20	
33.6	32.3	31.1	30.0	29.0	28.0	27.1	26.3	25.5	24.7	24.0	23.3	22.7	22.1	21.6	21.0	2.8300	30	
38.8	37.4	36.0	34.7	33.5	32.4	31.3	30.3	29.4	28.6	27.7	27.0	26.2	25.6	24.9	24.3	3.2700	40	

### 4916 FLOW REGULATORS 19" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
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4916-166SS	10	1.720	63.9	56.8	51.1	46.4	42.6	39.3	36.5	34.1	31.9	30.0	28.4	26.9	25.5	24.3	23.2	22.2	21.3
	20	2.430	90.2	80.2	72.2	65.6	60.1	55.5	51.6	48.1	45.1	42.5	40.1	38.0	36.1	34.4	32.8	31.4	30.1
	30	2.970	110.3	98.0	88.2	80.2	73.5	67.9	63.0	58.8	55.1	51.9	49.0	46.4	44.1	42.0	40.1	38.4	36.8
	40	3.430	127.3	113.2	101.9	92.6	84.9	78.4	72.8	67.9	63.7	59.9	56.6	53.6	50.9	48.5	46.3	44.3	42.4

4916-170SS	10	1.840	68.3	60.7	54.6	49.7	45.5	42.0	39.0	36.4	34.2	32.1	30.4	28.8	27.3	26.0	24.8	23.8	22.8
	20	2.610	96.9	86.1	77.5	70.5	64.6	59.6	55.4	51.7	48.4	45.6	43.1	40.8	38.8	36.9	35.2	33.7	32.3
	30	3.190	118.4	105.3	94.7	86.1	79.0	72.9	67.7	63.2	59.2	55.7	52.6	49.9	47.4	45.1	43.1	41.2	39.5
	40	3.690	137.0	121.8	109.6	99.6	91.3	84.3	78.3	73.1	68.5	64.5	60.9	57.7	54.8	52.2	49.8	47.6	45.7

4916-172SS	10	1.920	71.3	63.4	57.0	51.8	47.5	43.9	40.7	38.0	35.6	33.5	31.7	30.0	28.5	27.2	25.9	24.8	23.8
	20	2.710	100.6	89.4	80.5	73.2	67.1	61.9	57.5	53.7	50.3	47.3	44.7	42.4	40.2	38.3	36.6	35.0	33.5
	30	3.320	123.3	109.6	98.6	89.6	82.2	75.8	70.4	65.7	61.6	58.0	54.8	51.9	49.3	47.0	44.8	42.9	41.1
	40	3.840	142.6	126.7	114.0	103.7	95.0	87.7	81.5	76.0	71.3	67.1	63.4	60.0	57.0	54.3	51.8	49.6	47.5

4916-177SS	10	2.000	74.3	66.0	59.4	54.0	49.5	45.7	42.4	39.6	37.1	34.9	33.0	31.3	29.7	28.3	27.0	25.8	24.8
	20	2.830	105.1	93.4	84.1	76.4	70.0	64.7	60.0	56.0	52.5	49.4	46.7	44.2	42.0	40.0	38.2	36.5	35.0
	30	3.460	128.5	114.2	102.8	93.4	85.6	79.0	73.4	68.5	64.2	60.4	57.1	54.1	51.4	48.9	46.7	44.7	42.8
	40	4.000	148.5	132.0	118.8	108.0	99.0	91.4	84.9	79.2	74.3	69.9	66.0	62.5	59.4	56.6	54.0	51.7	49.5

4916-182SS	10	2.080	77.2	68.6	61.8	56.2	51.5	47.5	44.1	41.2	38.6	36.3	34.3	32.5	30.9	29.4	28.1	26.9	25.7
	20	2.950	109.5	97.4	87.6	79.7	73.0	67.4	62.6	58.4	54.8	51.5	48.7	46.1	43.8	41.7	39.8	38.1	36.5
	30	3.610	134.0	119.1	107.2	97.5	89.3	82.5	76.6	71.5	67.0	63.1	59.6	56.4	53.6	51.1	48.7	46.6	44.7
	40	4.170	154.8	137.6	123.8	112.6	103.2	95.3	88.5	82.6	77.4	72.9	68.8	65.2	61.9	59.0	56.3	53.8	51.6

4916-187SS	10	2.210	82.0	72.9	65.6	59.7	54.7	50.5	46.9	43.8	41.0	38.6	36.5	34.5	32.8	31.3	29.8	28.5	27.3
	20	3.120	115.8	103.0	92.7	84.2	77.2	71.3	66.2	61.8	57.9	54.5	51.5	48.8	46.3	44.1	42.1	40.3	38.6
	30	3.820	141.8	126.1	113.5	103.1	94.5	87.3	81.0	75.6	70.9	66.7	63.0	59.7	56.7	54.0	51.6	49.3	47.3
	40	4.410	163.7	145.5	131.0	119.1	109.1	100.8	93.6	87.3	81.9	77.0	72.8	68.9	65.5	62.4	59.5	56.9	54.6

4916-196SS	10	2.450	91.0	80.9	72.8	66.2	60.6	56.0	52.0	48.5	45.5	42.8	40.4	38.3	36.4	34.7	33.1	31.6	30.3
	20	3.460	128.5	114.2	102.8	93.4	85.6	79.0	73.4	68.5	64.2	60.4	57.1	54.1	51.4	48.9	46.7	44.7	42.8
	30	4.240	157.4	139.9	125.9	114.5	104.9	96.9	89.9	84.0	78.7	74.1	70.0	66.3	63.0	60.0	57.2	54.8	52.5
	40	4.900	181.9	161.7	145.5	132.3	121.3	111.9	104.0	97.0	91.0	85.6	80.9	76.6	72.8	69.3	66.2	63.3	60.6

### 4916 FLOW REGULATORS 19" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
20.4	19.6	18.9	18.2	17.6	17.0	16.5	16.0	15.5	15.0	14.6	14.2	13.8	13.4	13.1	12.8	1.7200	10	4916-166SS
28.9	27.8	26.7	25.8	24.9	24.1	23.3	22.6	21.9	21.2	20.6	20.0	19.5	19.0	18.5	18.0	2.4300	20	
35.3	33.9	32.7	31.5	30.4	29.4	28.5	27.6	26.7	25.9	25.2	24.5	23.8	23.2	22.6	22.1	2.9700	30	
40.7	39.2	37.7	36.4	35.1	34.0	32.9	31.8	30.9	30.0	29.1	28.3	27.5	26.8	26.1	25.5	3.4300	40	
21.9	21.0	20.2	19.5	18.8	18.2	17.6	17.1	16.6	16.1	15.6	15.2	14.8	14.4	14.0	13.7	1.8400	10	4916-170SS
31.0	29.8	28.7	27.7	26.7	25.8	25.0	24.2	23.5	22.8	22.1	21.5	21.0	20.4	19.9	19.4	2.6100	20	
37.9	36.4	35.1	33.8	32.7	31.6	30.6	29.6	28.7	27.9	27.1	26.3	25.6	24.9	24.3	23.7	3.1900	30	
43.8	42.2	40.6	39.1	37.8	36.5	35.4	34.2	33.2	32.2	31.3	30.4	29.6	28.8	28.1	27.4	3.6900	40	
22.8	21.9	21.1	20.4	19.7	19.0	18.4	17.8	17.3	16.8	16.3	15.8	15.4	15.0	14.6	14.3	1.9200	10	4916-172SS
32.2	31.0	29.8	28.7	27.8	26.8	26.0	25.2	24.4	23.7	23.0	22.4	21.8	21.2	20.6	20.1	2.7100	20	
39.4	37.9	36.5	35.2	34.0	32.9	31.8	30.8	29.9	29.0	28.2	27.4	26.6	25.9	25.3	24.7	3.3200	30	
45.6	43.9	42.2	40.7	39.3	38.0	36.8	35.6	34.6	33.5	32.6	31.7	30.8	30.0	29.2	28.5	3.8400	40	
23.8	22.8	22.0	21.2	20.5	19.8	19.2	18.6	18.0	17.5	17.0	16.5	16.1	15.6	15.2	14.9	2.0000	10	4916-177SS
33.6	32.3	31.1	30.0	29.0	28.0	27.1	26.3	25.5	24.7	24.0	23.3	22.7	22.1	21.6	21.0	2.8300	20	
41.1	39.5	38.1	36.7	35.4	34.3	33.1	32.1	31.1	30.2	29.4	28.5	27.8	27.0	26.3	25.7	3.4600	30	
47.5	45.7	44.0	42.4	41.0	39.6	38.3	37.1	36.0	34.9	33.9	33.0	32.1	31.3	30.5	29.7	4.0000	40	
24.7	23.8	22.9	22.1	21.3	20.6	19.9	19.3	18.7	18.2	17.7	17.2	16.7	16.3	15.8	15.4	2.0800	10	4916-182SS
35.0	33.7	32.5	31.3	30.2	29.2	28.3	27.4	26.6	25.8	25.0	24.3	23.7	23.1	22.5	21.9	2.9500	20	
42.9	41.2	39.7	38.3	37.0	35.7	34.6	33.5	32.5	31.5	30.6	29.8	29.0	28.2	27.5	26.8	3.6100	30	
49.5	47.6	45.9	44.2	42.7	41.3	40.0	38.7	37.5	36.4	35.4	34.4	33.5	32.6	31.8	31.0	4.1700	40	
26.3	25.2	24.3	23.4	22.6	21.9	21.2	20.5	19.9	19.3	18.8	18.2	17.7	17.3	16.8	16.4	2.2100	10	4916-187SS
37.1	35.6	34.3	33.1	32.0	30.9	29.9	29.0	28.1	27.3	26.5	25.7	25.0	24.4	23.8	23.2	3.1200	20	
45.4	43.6	42.0	40.5	39.1	37.8	36.6	35.5	34.4	33.4	32.4	31.5	30.7	29.9	29.1	28.4	3.8200	30	
52.4	50.4	48.5	46.8	45.2	43.7	42.3	40.9	39.7	38.5	37.4	36.4	35.4	34.5	33.6	32.7	4.4100	40	
29.1	28.0	27.0	26.0	25.1	24.3	23.5	22.7	22.1	21.4	20.8	20.2	19.7	19.1	18.7	18.2	2.4500	10	4916-196SS
41.1	39.5	38.1	36.7	35.4	34.3	33.1	32.1	31.1	30.2	29.4	28.5	27.8	27.0	26.3	25.7	3.4600	20	
50.4	48.4	46.6	45.0	43.4	42.0	40.6	39.4	38.2	37.0	36.0	35.0	34.0	33.1	32.3	31.5	4.2400	30	
58.2	56.0	53.9	52.0	50.2	48.5	46.9	45.5	44.1	42.8	41.6	40.4	39.3	38.3	37.3	36.4	4.9000	40	

### 4916 FLOW REGULATORS 19" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
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4916-205SS	10	2.650	98.4	87.5	78.7	71.6	65.6	60.5	56.2	52.5	49.2	46.3	43.7	41.4	39.4	37.5	35.8	34.2	32.8
	20	3.750	139.2	123.8	111.4	101.3	92.8	85.7	79.6	74.3	69.6	65.5	61.9	58.6	55.7	53.0	50.6	48.4	46.4
	30	4.590	170.4	151.5	136.3	123.9	113.6	104.9	97.4	90.9	85.2	80.2	75.7	71.7	68.2	64.9	62.0	59.3	56.8
	40	5.310	197.1	175.2	157.7	143.4	131.4	121.3	112.6	105.1	98.6	92.8	87.6	83.0	78.9	75.1	71.7	68.6	65.7

4916-218SS	10	2.980	110.6	98.3	88.5	80.5	73.8	68.1	63.2	59.0	55.3	52.1	49.2	46.6	44.3	42.1	40.2	38.5	36.9
	20	4.210	156.3	138.9	125.0	113.7	104.2	96.2	89.3	83.4	78.1	73.6	69.5	65.8	62.5	59.5	56.8	54.4	52.1
	30	5.160	191.6	170.3	153.3	139.3	127.7	117.9	109.5	102.2	95.8	90.1	85.1	80.7	76.6	73.0	69.7	66.6	63.9
	40	5.960	221.3	196.7	177.0	160.9	147.5	136.2	126.4	118.0	110.6	104.1	98.3	93.2	88.5	84.3	80.5	77.0	73.8

4916-234SS	10	3.470	128.8	114.5	103.1	93.7	85.9	79.3	73.6	68.7	64.4	60.6	57.3	54.2	51.5	49.1	46.8	44.8	42.9
	20	4.910	182.3	162.0	145.8	132.6	121.5	112.2	104.2	97.2	91.1	85.8	81.0	76.8	72.9	69.4	66.3	63.4	60.8
	30	6.010	223.1	198.3	178.5	162.3	148.7	137.3	127.5	119.0	111.6	105.0	99.2	93.9	89.2	85.0	81.1	77.6	74.4
	40	6.940	257.6	229.0	206.1	187.4	171.8	158.6	147.2	137.4	128.8	121.2	114.5	108.5	103.1	98.2	93.7	89.6	85.9

4916-250SS	10	4.000	148.5	132.0	118.8	108.0	99.0	91.4	84.9	79.2	74.3	69.9	66.0	62.5	59.4	56.6	54.0	51.7	49.5
	20	5.660	210.1	186.8	168.1	152.8	140.1	129.3	120.1	112.1	105.1	98.9	93.4	88.5	84.1	80.0	76.4	73.1	70.0
	30	6.930	257.3	228.7	205.8	187.1	171.5	158.3	147.0	137.2	128.6	121.1	114.3	108.3	102.9	98.0	93.6	89.5	85.8
	40	8.000	297.0	264.0	237.6	216.0	198.0	182.8	169.7	158.4	148.5	139.8	132.0	125.1	118.8	113.1	108.0	103.3	99.0

### 4916 FLOW REGULATORS 19" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
31.5	30.3	29.2	28.1	27.1	26.2	25.4	24.6	23.9	23.1	22.5	21.9	21.3	20.7	20.2	19.7	2.6500	10	4916-205SS
44.6	42.8	41.3	39.8	38.4	37.1	35.9	34.8	33.8	32.8	31.8	30.9	30.1	29.3	28.6	27.8	3.7500	20	
54.5	52.4	50.5	48.7	47.0	45.4	44.0	42.6	41.3	40.1	38.9	37.9	36.8	35.9	35.0	34.1	4.5900	30	
63.1	60.7	58.4	56.3	54.4	52.6	50.9	49.3	47.8	46.4	45.1	43.8	42.6	41.5	40.4	39.4	5.3100	40	
35.4	34.0	32.8	31.6	30.5	29.5	28.6	27.7	26.8	26.0	25.3	24.6	23.9	23.3	22.7	22.1	2.9800	10	4916-218SS
50.0	48.1	46.3	44.7	43.1	41.7	40.3	39.1	37.9	36.8	35.7	34.7	33.8	32.9	32.1	31.3	4.2100	20	
61.3	58.9	56.8	54.7	52.8	51.1	49.4	47.9	46.4	45.1	43.8	42.6	41.4	40.3	39.3	38.3	5.1600	30	
70.8	68.1	65.6	63.2	61.0	59.0	57.1	55.3	53.6	52.1	50.6	49.2	47.8	46.6	45.4	44.3	5.9600	40	
41.2	39.6	38.2	36.8	35.5	34.4	33.2	32.2	31.2	30.3	29.4	28.6	27.9	27.1	26.4	25.8	3.4700	10	4916-234SS
58.3	56.1	54.0	52.1	50.3	48.6	47.0	45.6	44.2	42.9	41.7	40.5	39.4	38.4	37.4	36.5	4.9100	20	
71.4	68.7	66.1	63.7	61.6	59.5	57.6	55.8	54.1	52.5	51.0	49.6	48.2	47.0	45.8	44.6	6.0100	30	
82.4	79.3	76.3	73.6	71.1	68.7	66.5	64.4	62.5	60.6	58.9	57.3	55.7	54.2	52.9	51.5	6.9400	40	
47.5	45.7	44.0	42.4	41.0	39.6	38.3	37.1	36.0	34.9	33.9	33.0	32.1	31.3	30.5	29.7	4.0000	10	4916-250SS
67.2	64.7	62.3	60.0	58.0	56.0	54.2	52.5	50.9	49.4	48.0	46.7	45.4	44.2	43.1	42.0	5.6600	20	
82.3	79.2	76.2	73.5	71.0	68.6	66.4	64.3	62.4	60.5	58.8	57.2	55.6	54.2	52.8	51.5	6.9300	30	
95.0	91.4	88.0	84.9	81.9	79.2	76.6	74.3	72.0	69.9	67.9	66.0	64.2	62.5	60.9	59.4	8.0000	40	