

4916 FLOW REGULATORS 20" 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	0.3	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
	20	0.006	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	0.1
	30	0.007	0.5	0.5	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
	40	0.008	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
4916-10SS	10	0.007	0.5	0.5	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	0.009	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
	30	0.011	0.8	0.7	0.7	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
	40	0.013	1.0	0.9	0.8	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3
491612SS	10	0.010	0.7	0.7	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
	20	0.013	1.0	0.9	0.8	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3
	30	0.016	1.2	1.1	1.0	0.9	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4
	40	0.019	1.4	1.3	1.1	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5
4916-14SS	10	0.013	1.0	0.9	0.8	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3
	20	0.018	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	0.4
	30	0.022	1.6	1.5	1.3	1.2	1.1	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5
	40	0.025	1.9	1.7	1.5	1.4	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.6
4916-15SS	10	0.015	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
	20	0.021	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	0.5	0.5
	30	0.025	1.9	1.7	1.5	1.4	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.6
	40	0.029	2.2	1.9	1.7	1.6	1.4	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7
4916-16SS	10	0.017	1.3	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	0.4	0.4
	20	0.023	1.7	1.5	1.4	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6
	30	0.029	2.2	1.9	1.7	1.6	1.4	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7
	40	0.033	2.5	2.2	2.0	1.8	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.0	1.0	0.9	0.9	0.9	0.8
4916-18SS	10	0.021	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	0.5	0.5
	20	0.030	2.2	2.0	1.8	1.6	1.5	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.7
	30	0.036	2.7	2.4	2.1	1.9	1.8	1.6	1.5	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.9
	40	0.042	3.1	2.8	2.5	2.3	2.1	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.1	1.0

4916 FLOW REGULATORS 20" 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			
																gpm	psi		
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	0.0040	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	0.1	0.1	0.1	0.1	0.1	0.1	0.0060	20	
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	0.0070	30	
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	0.1	0.0080	40	
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	0.0070	10	4916-10SS
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	0.1	0.0090	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	0.2	0.0110	30	
0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0130	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	0.1	0.0100	10	4916-12SS	
0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0130	20		
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	0.2	0.0160	30		
0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0190	40		
0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0130	10	4916-14SS	
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	0.0180	20		
0.5	0.5	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	0.0220	30		
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	0.4	0.4	0.0250	40		
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	0.0150	10	4916-15SS	
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	0.0210	20		
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	0.4	0.4	0.0250	30		
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	0.4	0.4	0.0290	40		
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	0.3	0.0170	10	4916-16SS	
0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.0230	20		
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	0.4	0.4	0.0290	30		
0.8	0.8	0.7	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	0.0330	40		
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	0.0210	10	4916-18SS	
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	0.4	0.0300	20		
0.9	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	0.5	0.0360	30		
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	0.6	0.0420	40		

4916 FLOW REGULATORS 20" 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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4916-29SS	10	0.054	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
	20	0.076	5.6	5.0	4.5	4.1	3.8	3.5	3.2	3.0	2.8	2.7	2.5	2.4	2.3	2.1	2.1	2.0	1.9
	30	0.093	6.9	6.1	5.5	5.0	4.6	4.2	3.9	3.7	3.5	3.2	3.1	2.9	2.8	2.6	2.5	2.4	2.3
	40	0.108	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

4916-30SS	10	0.057	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
	20	0.081	6.0	5.3	4.8	4.4	4.0	3.7	3.4	3.2	3.0	2.8	2.7	2.5	2.4	2.3	2.2	2.1	2.0
	30	0.099	7.4	6.5	5.9	5.3	4.9	4.5	4.2	3.9	3.7	3.5	3.3	3.1	2.9	2.8	2.7	2.6	2.5
	40	0.114	8.5	7.5	6.8	6.2	5.6	5.2	4.8	4.5	4.2	4.0	3.8	3.6	3.4	3.2	3.1	2.9	2.8

4916-31SS	10	0.061	4.5	4.0	3.6	3.3	3.0	2.8	2.6	2.4	2.3	2.1	2.0	1.9	1.8	1.7	1.6	1.6	1.5
	20	0.087	6.5	5.7	5.2	4.7	4.3	4.0	3.7	3.4	3.2	3.0	2.9	2.7	2.6	2.5	2.3	2.2	2.2
	30	0.106	7.9	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	2.9	2.7	2.6
	40	0.123	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

4916-32SS	10	0.067	5.0	4.4	4.0	3.6	3.3	3.1	2.8	2.7	2.5	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.7
	20	0.095	7.1	6.3	5.6	5.1	4.7	4.3	4.0	3.8	3.5	3.3	3.1	3.0	2.8	2.7	2.6	2.5	2.4
	30	0.116	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
	40	0.135	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

4916-34SS	10	0.074	5.5	4.9	4.4	4.0	3.7	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	0.104	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	0.127	9.4	8.4	7.5	6.9	6.3	5.8	5.4	5.0	4.7	4.4	4.2	4.0	3.8	3.6	3.4	3.3	3.1
	40	0.147	10.9	9.7	8.7	7.9	7.3	6.7	6.2	5.8	5.5	5.1	4.9	4.6	4.4	4.2	4.0	3.8	3.6

4916-35SS	10	0.079	5.9	5.2	4.7	4.3	3.9	3.6	3.4	3.1	2.9	2.8	2.6	2.5	2.3	2.2	2.1	2.0	2.0
	20	0.111	8.2	7.3	6.6	6.0	5.5	5.1	4.7	4.4	4.1	3.9	3.7	3.5	3.3	3.1	3.0	2.9	2.7
	30	0.136	10.1	9.0	8.1	7.3	6.7	6.2	5.8	5.4	5.0	4.8	4.5	4.3	4.0	3.8	3.7	3.5	3.4
	40	0.157	11.7	10.4	9.3	8.5	7.8	7.2	6.7	6.2	5.8	5.5	5.2	4.9	4.7	4.4	4.2	4.1	3.9

4916-37SS	10	0.086	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
	20	0.121	9.0	8.0	7.2	6.5	6.0	5.5	5.1	4.8	4.5	4.2	4.0	3.8	3.6	3.4	3.3	3.1	3.0
	30	0.149	11.1	9.8	8.9	8.0	7.4	6.8	6.3	5.9	5.5	5.2	4.9	4.7	4.4	4.2	4.0	3.8	3.7
	40	0.172	12.8	11.4	10.2	9.3	8.5	7.9	7.3	6.8	6.4	6.0	5.7	5.4	5.1	4.9	4.6	4.4	4.3

4916 FLOW REGULATORS 20" 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		
1.3	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	0.0540	10	4916-29SS
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	1.1	0.0760	20	
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	1.4	0.0930	30	
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	0.1080	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	0.8	0.0570	10	4916-30SS
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	0.0810	20	
2.4	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	0.0990	30	
2.7	2.6	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.7	0.1140	40	
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	0.9	0.0610	10	4916-31SS
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	1.3	0.0870	20	
2.5	2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.7	1.6	1.6	0.1060	30	
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	0.1230	40	
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	1.0	0.0670	10	4916-32SS
2.3	2.2	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	0.0950	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	0.1160	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	0.1350	40	
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	0.0740	10	4916-34SS
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	0.1040	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	0.1270	30	
3.5	3.4	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.2	0.1470	40	
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	0.0790	10	4916-35SS
2.6	2.5	2.4	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	0.1110	20	
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	0.1360	30	
3.7	3.6	3.5	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	0.1570	40	
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	0.0860	10	4916-37SS
2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	0.1210	20	
3.5	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	0.1490	30	
4.1	3.9	3.8	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.6	0.1720	40	

4916 FLOW REGULATORS 20" 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	7.1	6.3	5.6	5.1	4.7	4.3	4.0	3.8	3.5	3.3	3.1	3.0	2.8	2.7	2.6	2.5	2.4
	20	0.135	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
	30	0.165	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
	40	0.191	14.2	12.6	11.3	10.3	9.5	8.7	8.1	7.6	7.1	6.7	6.3	6.0	5.7	5.4	5.2	4.9	4.7

4916-40SS	10	0.102	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
	20	0.144	10.7	9.5	8.6	7.8	7.1	6.6	6.1	5.7	5.3	5.0	4.8	4.5	4.3	4.1	3.9	3.7	3.6
	30	0.177	13.1	11.7	10.5	9.6	8.8	8.1	7.5	7.0	6.6	6.2	5.8	5.5	5.3	5.0	4.8	4.6	4.4
	40	0.204	15.1	13.5	12.1	11.0	10.1	9.3	8.7	8.1	7.6	7.1	6.7	6.4	6.1	5.8	5.5	5.3	5.0

4916-41SS	10	0.105	7.8	6.9	6.2	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
	20	0.149	11.1	9.8	8.9	8.0	7.4	6.8	6.3	5.9	5.5	5.2	4.9	4.7	4.4	4.2	4.0	3.8	3.7
	30	0.182	13.5	12.0	10.8	9.8	9.0	8.3	7.7	7.2	6.8	6.4	6.0	5.7	5.4	5.1	4.9	4.7	4.5
	40	0.211	15.7	13.9	12.5	11.4	10.4	9.6	9.0	8.4	7.8	7.4	7.0	6.6	6.3	6.0	5.7	5.4	5.2

4916-43SS	10	0.115	8.5	7.6	6.8	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	2.8
	20	0.163	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
	30	0.200	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
	40	0.231	17.2	15.2	13.7	12.5	11.4	10.6	9.8	9.1	8.6	8.1	7.6	7.2	6.9	6.5	6.2	6.0	5.7

4916-45SS	10	0.125	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
	20	0.176	13.1	11.6	10.5	9.5	8.7	8.0	7.5	7.0	6.5	6.1	5.8	5.5	5.2	5.0	4.8	4.5	4.4
	30	0.216	16.0	14.3	12.8	11.7	10.7	9.9	9.2	8.6	8.0	7.5	7.1	6.8	6.4	6.1	5.8	5.6	5.3
	40	0.250	18.6	16.5	14.9	13.5	12.4	11.4	10.6	9.9	9.3	8.7	8.3	7.8	7.4	7.1	6.8	6.5	6.2

4916-46SS	10	0.135	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
	20	0.191	14.2	12.6	11.3	10.3	9.5	8.7	8.1	7.6	7.1	6.7	6.3	6.0	5.7	5.4	5.2	4.9	4.7
	30	0.233	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
	40	0.270	20.0	17.8	16.0	14.6	13.4	12.3	11.5	10.7	10.0	9.4	8.9	8.4	8.0	7.6	7.3	7.0	6.7

4916-47SS	10	0.137	10.2	9.0	8.1	7.4	6.8	6.3	5.8	5.4	5.1	4.8	4.5	4.3	4.1	3.9	3.7	3.5	3.4
	20	0.194	14.4	12.8	11.5	10.5	9.6	8.9	8.2	7.7	7.2	6.8	6.4	6.1	5.8	5.5	5.2	5.0	4.8
	30	0.238	17.7	15.7	14.1	12.9	11.8	10.9	10.1	9.4	8.8	8.3	7.9	7.4	7.1	6.7	6.4	6.1	5.9
	40	0.275	20.4	18.2	16.3	14.9	13.6	12.6	11.7	10.9	10.2	9.6	9.1	8.6	8.2	7.8	7.4	7.1	6.8

4916 FLOW REGULATORS 20" 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		
2.3	2.2	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	0.0950	10	4916-39SS
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	0.1350	20	
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	0.1650	30	
4.5	4.4	4.2	4.1	3.9	3.8	3.7	3.5	3.4	3.3	3.2	3.2	3.1	3.0	2.9	2.8	0.1910	40	
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	0.1020	10	4916-40SS
3.4	3.3	3.2	3.1	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.3	2.2	2.1	0.1440	20	
4.2	4.0	3.9	3.8	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	0.1770	30	
4.8	4.7	4.5	4.3	4.2	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	0.2040	40	
2.5	2.4	2.3	2.2	2.2	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.6	0.1050	10	4916-41SS
3.5	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	0.1490	20	
4.3	4.2	4.0	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	0.1820	30	
5.0	4.8	4.6	4.5	4.3	4.2	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	0.2110	40	
2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.8	1.7	0.1150	10	4916-43SS
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	0.1630	20	
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	0.2000	30	
5.5	5.3	5.1	4.9	4.7	4.6	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.6	3.5	3.4	0.2310	40	
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	0.1250	10	4916-45SS
4.2	4.0	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	0.1760	20	
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	0.2160	30	
5.9	5.7	5.5	5.3	5.1	5.0	4.8	4.6	4.5	4.4	4.2	4.1	4.0	3.9	3.8	3.7	0.2500	40	
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	0.1350	10	4916-46SS
4.5	4.4	4.2	4.1	3.9	3.8	3.7	3.5	3.4	3.3	3.2	3.2	3.1	3.0	2.9	2.8	0.1910	20	
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	0.2330	30	
6.4	6.2	5.9	5.7	5.5	5.3	5.2	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.1	4.0	0.2700	40	
3.3	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	0.1370	10	4916-47SS
4.6	4.4	4.3	4.1	4.0	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	3.0	2.9	0.1940	20	
5.7	5.4	5.2	5.0	4.9	4.7	4.6	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.6	3.5	0.2380	30	
6.5	6.3	6.1	5.8	5.6	5.4	5.3	5.1	5.0	4.8	4.7	4.5	4.4	4.3	4.2	4.1	0.2750	40	

4916 FLOW REGULATORS 20" 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	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
	20	0.202	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
	30	0.247	18.3	16.3	14.7	13.3	12.2	11.3	10.5	9.8	9.2	8.6	8.2	7.7	7.3	7.0	6.7	6.4	6.1
	40	0.286	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

4916-49SS	10	0.147	10.9	9.7	8.7	7.9	7.3	6.7	6.2	5.8	5.5	5.1	4.9	4.6	4.4	4.2	4.0	3.8	3.6
	20	0.208	15.4	13.7	12.4	11.2	10.3	9.5	8.8	8.2	7.7	7.3	6.9	6.5	6.2	5.9	5.6	5.4	5.1
	30	0.255	18.9	16.8	15.1	13.8	12.6	11.7	10.8	10.1	9.5	8.9	8.4	8.0	7.6	7.2	6.9	6.6	6.3
	40	0.295	21.9	19.5	17.5	15.9	14.6	13.5	12.5	11.7	11.0	10.3	9.7	9.2	8.8	8.3	8.0	7.6	7.3

4916-51SS	10	0.164	12.2	10.8	9.7	8.9	8.1	7.5	7.0	6.5	6.1	5.7	5.4	5.1	4.9	4.6	4.4	4.2	4.1
	20	0.232	17.2	15.3	13.8	12.5	11.5	10.6	9.8	9.2	8.6	8.1	7.7	7.3	6.9	6.6	6.3	6.0	5.7
	30	0.284	21.1	18.7	16.9	15.3	14.1	13.0	12.0	11.2	10.5	9.9	9.4	8.9	8.4	8.0	7.7	7.3	7.0
	40	0.329	24.4	21.7	19.5	17.8	16.3	15.0	14.0	13.0	12.2	11.5	10.9	10.3	9.8	9.3	8.9	8.5	8.1

4916-52SS	10	0.167	12.4	11.0	9.9	9.0	8.3	7.6	7.1	6.6	6.2	5.8	5.5	5.2	5.0	4.7	4.5	4.3	4.1
	20	0.237	17.6	15.6	14.1	12.8	11.7	10.8	10.1	9.4	8.8	8.3	7.8	7.4	7.0	6.7	6.4	6.1	5.9
	30	0.290	21.5	19.1	17.2	15.7	14.4	13.3	12.3	11.5	10.8	10.1	9.6	9.1	8.6	8.2	7.8	7.5	7.2
	40	0.335	24.9	22.1	19.9	18.1	16.6	15.3	14.2	13.3	12.4	11.7	11.1	10.5	9.9	9.5	9.0	8.7	8.3

4916-54SS	10	0.180	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
	20	0.255	18.9	16.8	15.1	13.8	12.6	11.7	10.8	10.1	9.5	8.9	8.4	8.0	7.6	7.2	6.9	6.6	6.3
	30	0.312	23.2	20.6	18.5	16.8	15.4	14.3	13.2	12.4	11.6	10.9	10.3	9.8	9.3	8.8	8.4	8.1	7.7
	40	0.360	26.7	23.8	21.4	19.4	17.8	16.4	15.3	14.3	13.4	12.6	11.9	11.3	10.7	10.2	9.7	9.3	8.9

4916-55SS	10	0.188	14.0	12.4	11.2	10.2	9.3	8.6	8.0	7.4	7.0	6.6	6.2	5.9	5.6	5.3	5.1	4.9	4.7
	20	0.266	19.8	17.6	15.8	14.4	13.2	12.2	11.3	10.5	9.9	9.3	8.8	8.3	7.9	7.5	7.2	6.9	6.6
	30	0.326	24.2	21.5	19.4	17.6	16.1	14.9	13.8	12.9	12.1	11.4	10.8	10.2	9.7	9.2	8.8	8.4	8.1
	40	0.377	28.0	24.9	22.4	20.4	18.7	17.2	16.0	14.9	14.0	13.2	12.4	11.8	11.2	10.7	10.2	9.7	9.3

4916-57SS	10	0.200	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
	20	0.283	21.0	18.7	16.8	15.3	14.0	12.9	12.0	11.2	10.5	9.9	9.3	8.8	8.4	8.0	7.6	7.3	7.0
	30	0.346	25.7	22.8	20.6	18.7	17.1	15.8	14.7	13.7	12.8	12.1	11.4	10.8	10.3	9.8	9.3	8.9	8.6
	40	0.400	29.7	26.4	23.8	21.6	19.8	18.3	17.0	15.8	14.9	14.0	13.2	12.5	11.9	11.3	10.8	10.3	9.9

4916 FLOW REGULATORS 20" 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		
3.4	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	0.1430	10	4916-48SS
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	0.2020	20	
5.9	5.6	5.4	5.2	5.1	4.9	4.7	4.6	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	0.2470	30	
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	0.2860	40	
3.5	3.4	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.2	0.1470	10	4916-49SS
4.9	4.8	4.6	4.4	4.3	4.1	4.0	3.9	3.7	3.6	3.5	3.4	3.3	3.3	3.2	3.1	0.2080	20	
6.1	5.8	5.6	5.4	5.2	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.1	4.0	3.9	3.8	0.2550	30	
7.0	6.7	6.5	6.3	6.0	5.8	5.7	5.5	5.3	5.2	5.0	4.9	4.7	4.6	4.5	4.4	0.2950	40	
3.9	3.7	3.6	3.5	3.4	3.2	3.1	3.0	3.0	2.9	2.8	2.7	2.6	2.6	2.5	2.4	0.1640	10	4916-51SS
5.5	5.3	5.1	4.9	4.8	4.6	4.4	4.3	4.2	4.1	3.9	3.8	3.7	3.6	3.5	3.4	0.2320	20	
6.7	6.5	6.2	6.0	5.8	5.6	5.4	5.3	5.1	5.0	4.8	4.7	4.6	4.4	4.3	4.2	0.2840	30	
7.8	7.5	7.2	7.0	6.7	6.5	6.3	6.1	5.9	5.7	5.6	5.4	5.3	5.1	5.0	4.9	0.3290	40	
4.0	3.8	3.7	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.5	0.1670	10	4916-52SS
5.6	5.4	5.2	5.0	4.9	4.7	4.5	4.4	4.3	4.1	4.0	3.9	3.8	3.7	3.6	3.5	0.2370	20	
6.9	6.6	6.4	6.2	5.9	5.7	5.6	5.4	5.2	5.1	4.9	4.8	4.7	4.5	4.4	4.3	0.2900	30	
8.0	7.7	7.4	7.1	6.9	6.6	6.4	6.2	6.0	5.9	5.7	5.5	5.4	5.2	5.1	5.0	0.3350	40	
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	0.1800	10	4916-54SS
6.1	5.8	5.6	5.4	5.2	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.1	4.0	3.9	3.8	0.2550	20	
7.4	7.1	6.9	6.6	6.4	6.2	6.0	5.8	5.6	5.5	5.3	5.1	5.0	4.9	4.8	4.6	0.3120	30	
8.6	8.2	7.9	7.6	7.4	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.8	5.6	5.5	5.3	0.3600	40	
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	0.1880	10	4916-55SS
6.3	6.1	5.9	5.6	5.4	5.3	5.1	4.9	4.8	4.6	4.5	4.4	4.3	4.2	4.1	4.0	0.2660	20	
7.7	7.4	7.2	6.9	6.7	6.5	6.2	6.1	5.9	5.7	5.5	5.4	5.2	5.1	5.0	4.8	0.3260	30	
9.0	8.6	8.3	8.0	7.7	7.5	7.2	7.0	6.8	6.6	6.4	6.2	6.1	5.9	5.7	5.6	0.3770	40	
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	0.2000	10	4916-57SS
6.7	6.5	6.2	6.0	5.8	5.6	5.4	5.3	5.1	4.9	4.8	4.7	4.5	4.4	4.3	4.2	0.2830	20	
8.2	7.9	7.6	7.3	7.1	6.9	6.6	6.4	6.2	6.0	5.9	5.7	5.6	5.4	5.3	5.1	0.3460	30	
9.5	9.1	8.8	8.5	8.2	7.9	7.7	7.4	7.2	7.0	6.8	6.6	6.4	6.3	6.1	5.9	0.4000	40	

4916 FLOW REGULATORS 20" 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	16.0	14.2	12.8	11.6	10.6	9.8	9.1	8.5	8.0	7.5	7.1	6.7	6.4	6.1	5.8	5.6	5.3
	20	0.304	22.6	20.1	18.1	16.4	15.0	13.9	12.9	12.0	11.3	10.6	10.0	9.5	9.0	8.6	8.2	7.9	7.5
	30	0.372	27.6	24.6	22.1	20.1	18.4	17.0	15.8	14.7	13.8	13.0	12.3	11.6	11.0	10.5	10.0	9.6	9.2
	40	0.433	32.2	28.6	25.7	23.4	21.4	19.8	18.4	17.1	16.1	15.1	14.3	13.5	12.9	12.2	11.7	11.2	10.7

4916-61SS	10	0.233	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
	20	0.330	24.5	21.8	19.6	17.8	16.3	15.1	14.0	13.1	12.3	11.5	10.9	10.3	9.8	9.3	8.9	8.5	8.2
	30	0.404	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
	40	0.466	34.6	30.8	27.7	25.2	23.1	21.3	19.8	18.5	17.3	16.3	15.4	14.6	13.8	13.2	12.6	12.0	11.5

4916-63SS	10	0.246	18.3	16.2	14.6	13.3	12.2	11.2	10.4	9.7	9.1	8.6	8.1	7.7	7.3	7.0	6.6	6.4	6.1
	20	0.347	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
	30	0.425	31.6	28.1	25.2	23.0	21.0	19.4	18.0	16.8	15.8	14.9	14.0	13.3	12.6	12.0	11.5	11.0	10.5
	40	0.491	36.5	32.4	29.2	26.5	24.3	22.4	20.8	19.4	18.2	17.2	16.2	15.4	14.6	13.9	13.3	12.7	12.2

4916-65SS	10	0.261	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
	20	0.369	27.4	24.4	21.9	19.9	18.3	16.9	15.7	14.6	13.7	12.9	12.2	11.5	11.0	10.4	10.0	9.5	9.1
	30	0.452	33.6	29.8	26.8	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	0.522	38.8	34.5	31.0	28.2	25.8	23.9	22.1	20.7	19.4	18.2	17.2	16.3	15.5	14.8	14.1	13.5	12.9

4916-67SS	10	0.278	20.6	18.3	16.5	15.0	13.8	12.7	11.8	11.0	10.3	9.7	9.2	8.7	8.3	7.9	7.5	7.2	6.9
	20	0.392	29.1	25.9	23.3	21.2	19.4	17.9	16.6	15.5	14.6	13.7	12.9	12.3	11.6	11.1	10.6	10.1	9.7
	30	0.481	35.7	31.7	28.6	26.0	23.8	22.0	20.4	19.0	17.9	16.8	15.9	15.0	14.3	13.6	13.0	12.4	11.9
	40	0.555	41.2	36.6	33.0	30.0	27.5	25.4	23.5	22.0	20.6	19.4	18.3	17.4	16.5	15.7	15.0	14.3	13.7

4916-68SS	10	0.287	21.3	18.9	17.0	15.5	14.2	13.1	12.2	11.4	10.7	10.0	9.5	9.0	8.5	8.1	7.7	7.4	7.1
	20	0.405	30.1	26.7	24.1	21.9	20.0	18.5	17.2	16.0	15.0	14.2	13.4	12.7	12.0	11.5	10.9	10.5	10.0
	30	0.496	36.8	32.7	29.5	26.8	24.6	22.7	21.0	19.6	18.4	17.3	16.4	15.5	14.7	14.0	13.4	12.8	12.3
	40	0.573	42.5	37.8	34.0	30.9	28.4	26.2	24.3	22.7	21.3	20.0	18.9	17.9	17.0	16.2	15.5	14.8	14.2

4916-70SS	10	0.306	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
	20	0.433	32.2	28.6	25.7	23.4	21.4	19.8	18.4	17.1	16.1	15.1	14.3	13.5	12.9	12.2	11.7	11.2	10.7
	30	0.530	39.4	35.0	31.5	28.6	26.2	24.2	22.5	21.0	19.7	18.5	17.5	16.6	15.7	15.0	14.3	13.7	13.1
	40	0.612	45.4	40.4	36.4	33.0	30.3	28.0	26.0	24.2	22.7	21.4	20.2	19.1	18.2	17.3	16.5	15.8	15.1

4916 FLOW REGULATORS 20" 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		
5.1	4.9	4.7	4.6	4.4	4.3	4.1	4.0	3.9	3.8	3.6	3.5	3.5	3.4	3.3	3.2	0.2150	10	4916-59SS
7.2	6.9	6.7	6.4	6.2	6.0	5.8	5.6	5.5	5.3	5.2	5.0	4.9	4.8	4.6	4.5	0.3040	20	
8.8	8.5	8.2	7.9	7.6	7.4	7.1	6.9	6.7	6.5	6.3	6.1	6.0	5.8	5.7	5.5	0.3720	30	
10.3	9.9	9.5	9.2	8.9	8.6	8.3	8.0	7.8	7.6	7.3	7.1	7.0	6.8	6.6	6.4	0.4330	40	
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	0.2330	10	4916-61SS
7.8	7.5	7.3	7.0	6.8	6.5	6.3	6.1	5.9	5.8	5.6	5.4	5.3	5.2	5.0	4.9	0.3300	20	
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	0.4040	30	
11.1	10.6	10.3	9.9	9.5	9.2	8.9	8.7	8.4	8.1	7.9	7.7	7.5	7.3	7.1	6.9	0.4660	40	
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	3.7	0.2460	10	4916-63SS
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	0.3470	20	
10.1	9.7	9.4	9.0	8.7	8.4	8.1	7.9	7.7	7.4	7.2	7.0	6.8	6.6	6.5	6.3	0.4250	30	
11.7	11.2	10.8	10.4	10.1	9.7	9.4	9.1	8.8	8.6	8.3	8.1	7.9	7.7	7.5	7.3	0.4910	40	
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	0.2610	10	4916-65SS
8.8	8.4	8.1	7.8	7.6	7.3	7.1	6.8	6.6	6.4	6.3	6.1	5.9	5.8	5.6	5.5	0.3690	20	
10.7	10.3	9.9	9.6	9.3	8.9	8.7	8.4	8.1	7.9	7.7	7.5	7.3	7.1	6.9	6.7	0.4520	30	
12.4	11.9	11.5	11.1	10.7	10.3	10.0	9.7	9.4	9.1	8.9	8.6	8.4	8.2	8.0	7.8	0.5220	40	
6.6	6.4	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.1	0.2780	10	4916-67SS
9.3	9.0	8.6	8.3	8.0	7.8	7.5	7.3	7.1	6.8	6.7	6.5	6.3	6.1	6.0	5.8	0.3920	20	
11.4	11.0	10.6	10.2	9.9	9.5	9.2	8.9	8.7	8.4	8.2	7.9	7.7	7.5	7.3	7.1	0.4810	30	
13.2	12.7	12.2	11.8	11.4	11.0	10.6	10.3	10.0	9.7	9.4	9.2	8.9	8.7	8.5	8.2	0.5550	40	
6.8	6.6	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	0.2870	10	4916-68SS
9.6	9.3	8.9	8.6	8.3	8.0	7.8	7.5	7.3	7.1	6.9	6.7	6.5	6.3	6.2	6.0	0.4050	20	
11.8	11.3	10.9	10.5	10.2	9.8	9.5	9.2	8.9	8.7	8.4	8.2	8.0	7.8	7.6	7.4	0.4960	30	
13.6	13.1	12.6	12.2	11.7	11.3	11.0	10.6	10.3	10.0	9.7	9.5	9.2	9.0	8.7	8.5	0.5730	40	
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	0.3060	10	4916-70SS
10.3	9.9	9.5	9.2	8.9	8.6	8.3	8.0	7.8	7.6	7.3	7.1	7.0	6.8	6.6	6.4	0.4330	20	
12.6	12.1	11.7	11.2	10.9	10.5	10.2	9.8	9.5	9.3	9.0	8.7	8.5	8.3	8.1	7.9	0.5300	30	
14.5	14.0	13.5	13.0	12.5	12.1	11.7	11.4	11.0	10.7	10.4	10.1	9.8	9.6	9.3	9.1	0.6120	40	

4916 FLOW REGULATORS 20" 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	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
	20	0.453	33.6	29.9	26.9	24.5	22.4	20.7	19.2	17.9	16.8	15.8	14.9	14.2	13.5	12.8	12.2	11.7	11.2
	30	0.544	40.4	35.9	32.3	29.4	26.9	24.9	23.1	21.5	20.2	19.0	18.0	17.0	16.2	15.4	14.7	14.0	13.5
	40	0.640	47.5	42.2	38.0	34.6	31.7	29.2	27.2	25.3	23.8	22.4	21.1	20.0	19.0	18.1	17.3	16.5	15.8

4916-73SS	10	0.330	24.5	21.8	19.6	17.8	16.3	15.1	14.0	13.1	12.3	11.5	10.9	10.3	9.8	9.3	8.9	8.5	8.2
	20	0.467	34.7	30.8	27.7	25.2	23.1	21.3	19.8	18.5	17.3	16.3	15.4	14.6	13.9	13.2	12.6	12.1	11.6
	30	0.572	42.5	37.8	34.0	30.9	28.3	26.1	24.3	22.7	21.2	20.0	18.9	17.9	17.0	16.2	15.4	14.8	14.2
	40	0.666	49.5	44.0	39.6	36.0	33.0	30.4	28.3	26.4	24.7	23.3	22.0	20.8	19.8	18.8	18.0	17.2	16.5

4916-75SS	10	0.347	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
	20	0.491	36.5	32.4	29.2	26.5	24.3	22.4	20.8	19.4	18.2	17.2	16.2	15.4	14.6	13.9	13.3	12.7	12.2
	30	0.600	44.6	39.6	35.6	32.4	29.7	27.4	25.5	23.8	22.3	21.0	19.8	18.8	17.8	17.0	16.2	15.5	14.9
	40	0.694	51.5	45.8	41.2	37.5	34.4	31.7	29.4	27.5	25.8	24.2	22.9	21.7	20.6	19.6	18.7	17.9	17.2

4916-78SS	10	0.385	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
	20	0.544	40.4	35.9	32.3	29.4	26.9	24.9	23.1	21.5	20.2	19.0	18.0	17.0	16.2	15.4	14.7	14.0	13.5
	30	0.667	49.5	44.0	39.6	36.0	33.0	30.5	28.3	26.4	24.8	23.3	22.0	20.9	19.8	18.9	18.0	17.2	16.5
	40	0.770	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

4916-80SS	10	0.397	29.5	26.2	23.6	21.4	19.7	18.1	16.8	15.7	14.7	13.9	13.1	12.4	11.8	11.2	10.7	10.3	9.8
	20	0.561	41.7	37.0	33.3	30.3	27.8	25.6	23.8	22.2	20.8	19.6	18.5	17.5	16.7	15.9	15.1	14.5	13.9
	30	0.687	51.0	45.3	40.8	37.1	34.0	31.4	29.1	27.2	25.5	24.0	22.7	21.5	20.4	19.4	18.5	17.7	17.0
	40	0.793	58.9	52.3	47.1	42.8	39.3	36.2	33.6	31.4	29.4	27.7	26.2	24.8	23.6	22.4	21.4	20.5	19.6

4916-81SS	10	0.411	30.5	27.1	24.4	22.2	20.3	18.8	17.4	16.3	15.3	14.4	13.6	12.8	12.2	11.6	11.1	10.6	10.2
	20	0.581	43.1	38.3	34.5	31.4	28.8	26.5	24.7	23.0	21.6	20.3	19.2	18.2	17.3	16.4	15.7	15.0	14.4
	30	0.711	52.8	46.9	42.2	38.4	35.2	32.5	30.2	28.2	26.4	24.8	23.5	22.2	21.1	20.1	19.2	18.4	17.6
	40	0.821	61.0	54.2	48.8	44.3	40.6	37.5	34.8	32.5	30.5	28.7	27.1	25.7	24.4	23.2	22.2	21.2	20.3

4916-83SS	10	0.499	37.1	32.9	29.6	26.9	24.7	22.8	21.2	19.8	18.5	17.4	16.5	15.6	14.8	14.1	13.5	12.9	12.4
	20	0.634	47.1	41.8	37.7	34.2	31.4	29.0	26.9	25.1	23.5	22.2	20.9	19.8	18.8	17.9	17.1	16.4	15.7
	30	0.777	57.7	51.3	46.2	42.0	38.5	35.5	33.0	30.8	28.8	27.1	25.6	24.3	23.1	22.0	21.0	20.1	19.2
	40	0.897	66.6	59.2	53.3	48.4	44.4	41.0	38.1	35.5	33.3	31.3	29.6	28.0	26.6	25.4	24.2	23.2	22.2

4916 FLOW REGULATORS 20" 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		
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	0.3200	10	4916-72SS
10.8	10.3	10.0	9.6	9.3	9.0	8.7	8.4	8.2	7.9	7.7	7.5	7.3	7.1	6.9	6.7	0.4530	20	
12.9	12.4	12.0	11.5	11.1	10.8	10.4	10.1	9.8	9.5	9.2	9.0	8.7	8.5	8.3	8.1	0.5440	30	
15.2	14.6	14.1	13.6	13.1	12.7	12.3	11.9	11.5	11.2	10.9	10.6	10.3	10.0	9.7	9.5	0.6400	40	
7.8	7.5	7.3	7.0	6.8	6.5	6.3	6.1	5.9	5.8	5.6	5.4	5.3	5.2	5.0	4.9	0.3300	10	4916-73SS
11.1	10.7	10.3	9.9	9.6	9.2	8.9	8.7	8.4	8.2	7.9	7.7	7.5	7.3	7.1	6.9	0.4670	20	
13.6	13.1	12.6	12.1	11.7	11.3	11.0	10.6	10.3	10.0	9.7	9.4	9.2	8.9	8.7	8.5	0.5720	30	
15.8	15.2	14.7	14.1	13.6	13.2	12.8	12.4	12.0	11.6	11.3	11.0	10.7	10.4	10.1	9.9	0.6660	40	
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	0.3470	10	4916-75SS
11.7	11.2	10.8	10.4	10.1	9.7	9.4	9.1	8.8	8.6	8.3	8.1	7.9	7.7	7.5	7.3	0.4910	20	
14.3	13.7	13.2	12.7	12.3	11.9	11.5	11.1	10.8	10.5	10.2	9.9	9.6	9.4	9.1	8.9	0.6000	30	
16.5	15.9	15.3	14.7	14.2	13.7	13.3	12.9	12.5	12.1	11.8	11.5	11.1	10.8	10.6	10.3	0.6940	40	
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	0.3850	10	4916-78SS
12.9	12.4	12.0	11.5	11.1	10.8	10.4	10.1	9.8	9.5	9.2	9.0	8.7	8.5	8.3	8.1	0.5440	20	
15.8	15.2	14.7	14.1	13.7	13.2	12.8	12.4	12.0	11.7	11.3	11.0	10.7	10.4	10.2	9.9	0.6670	30	
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	0.7700	40	
9.4	9.1	8.7	8.4	8.1	7.9	7.6	7.4	7.1	6.9	6.7	6.6	6.4	6.2	6.0	5.9	0.3970	10	4916-80SS
13.3	12.8	12.3	11.9	11.5	11.1	10.7	10.4	10.1	9.8	9.5	9.3	9.0	8.8	8.5	8.3	0.5610	20	
16.3	15.7	15.1	14.6	14.1	13.6	13.2	12.8	12.4	12.0	11.7	11.3	11.0	10.7	10.5	10.2	0.6870	30	
18.8	18.1	17.4	16.8	16.2	15.7	15.2	14.7	14.3	13.9	13.5	13.1	12.7	12.4	12.1	11.8	0.7930	40	
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	0.4110	10	4916-81SS
13.8	13.3	12.8	12.3	11.9	11.5	11.1	10.8	10.5	10.2	9.9	9.6	9.3	9.1	8.8	8.6	0.5810	20	
16.9	16.2	15.6	15.1	14.6	14.1	13.6	13.2	12.8	12.4	12.1	11.7	11.4	11.1	10.8	10.6	0.7110	30	
19.5	18.8	18.1	17.4	16.8	16.3	15.7	15.2	14.8	14.3	13.9	13.5	13.2	12.8	12.5	12.2	0.8210	40	
11.9	11.4	11.0	10.6	10.2	9.9	9.6	9.3	9.0	8.7	8.5	8.2	8.0	7.8	7.6	7.4	0.4990	10	4916-83SS
15.1	14.5	13.9	13.4	13.0	12.6	12.1	11.8	11.4	11.1	10.8	10.5	10.2	9.9	9.7	9.4	0.6340	20	
18.5	17.8	17.1	16.5	15.9	15.4	14.9	14.4	14.0	13.6	13.2	12.8	12.5	12.1	11.8	11.5	0.7770	30	
21.3	20.5	19.7	19.0	18.4	17.8	17.2	16.7	16.1	15.7	15.2	14.8	14.4	14.0	13.7	13.3	0.8970	40	

4916 FLOW REGULATORS 20" 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	34.9	31.0	27.9	25.4	23.3	21.5	19.9	18.6	17.4	16.4	15.5	14.7	14.0	13.3	12.7	12.1	11.6
	20	0.664	49.3	43.8	39.4	35.9	32.9	30.3	28.2	26.3	24.7	23.2	21.9	20.8	19.7	18.8	17.9	17.1	16.4
	30	0.813	60.4	53.7	48.3	43.9	40.2	37.1	34.5	32.2	30.2	28.4	26.8	25.4	24.1	23.0	22.0	21.0	20.1
	40	0.939	69.7	62.0	55.8	50.7	46.5	42.9	39.8	37.2	34.9	32.8	31.0	29.4	27.9	26.6	25.4	24.3	23.2

4916-89SS	10	0.490	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	0.693	51.5	45.7	41.2	37.4	34.3	31.7	29.4	27.4	25.7	24.2	22.9	21.7	20.6	19.6	18.7	17.9	17.2
	30	0.849	63.0	56.0	50.4	45.8	42.0	38.8	36.0	33.6	31.5	29.7	28.0	26.5	25.2	24.0	22.9	21.9	21.0
	40	0.980	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

4916-91SS	10	0.523	38.8	34.5	31.1	28.2	25.9	23.9	22.2	20.7	19.4	18.3	17.3	16.4	15.5	14.8	14.1	13.5	12.9
	20	0.739	54.9	48.8	43.9	39.9	36.6	33.8	31.4	29.3	27.4	25.8	24.4	23.1	21.9	20.9	20.0	19.1	18.3
	30	0.905	67.2	59.7	53.8	48.9	44.8	41.4	38.4	35.8	33.6	31.6	29.9	28.3	26.9	25.6	24.4	23.4	22.4
	40	1.050	78.0	69.3	62.4	56.7	52.0	48.0	44.6	41.6	39.0	36.7	34.7	32.8	31.2	29.7	28.4	27.1	26.0

4916-93SS	10	0.547	40.6	36.1	32.5	29.5	27.1	25.0	23.2	21.7	20.3	19.1	18.1	17.1	16.2	15.5	14.8	14.1	13.5
	20	0.774	57.5	51.1	46.0	41.8	38.3	35.4	32.8	30.7	28.7	27.0	25.5	24.2	23.0	21.9	20.9	20.0	19.2
	30	0.947	70.3	62.5	56.3	51.1	46.9	43.3	40.2	37.5	35.2	33.1	31.3	29.6	28.1	26.8	25.6	24.5	23.4
	40	1.090	80.9	71.9	64.7	58.9	54.0	49.8	46.2	43.2	40.5	38.1	36.0	34.1	32.4	30.8	29.4	28.2	27.0

4916-95SS	10	0.572	42.5	37.8	34.0	30.9	28.3	26.1	24.3	22.7	21.2	20.0	18.9	17.9	17.0	16.2	15.4	14.8	14.2
	20	0.808	60.0	53.3	48.0	43.6	40.0	36.9	34.3	32.0	30.0	28.2	26.7	25.3	24.0	22.9	21.8	20.9	20.0
	30	0.990	73.5	65.3	58.8	53.5	49.0	45.2	42.0	39.2	36.8	34.6	32.7	31.0	29.4	28.0	26.7	25.6	24.5
	40	1.140	84.6	75.2	67.7	61.6	56.4	52.1	48.4	45.1	42.3	39.8	37.6	35.6	33.9	32.2	30.8	29.4	28.2

4916-98SS	10	0.625	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
	20	0.884	65.6	58.3	52.5	47.7	43.8	40.4	37.5	35.0	32.8	30.9	29.2	27.6	26.3	25.0	23.9	22.8	21.9
	30	1.080	80.2	71.3	64.2	58.3	53.5	49.3	45.8	42.8	40.1	37.7	35.6	33.8	32.1	30.5	29.2	27.9	26.7
	40	1.250	92.8	82.5	74.3	67.5	61.9	57.1	53.0	49.5	46.4	43.7	41.3	39.1	37.1	35.4	33.8	32.3	30.9

4916-103SS	10	0.653	48.5	43.1	38.8	35.3	32.3	29.8	27.7	25.9	24.2	22.8	21.5	20.4	19.4	18.5	17.6	16.9	16.2
	20	0.923	68.5	60.9	54.8	49.8	45.7	42.2	39.2	36.6	34.3	32.3	30.5	28.9	27.4	26.1	24.9	23.8	22.8
	30	1.130	83.9	74.6	67.1	61.0	55.9	51.6	47.9	44.7	42.0	39.5	37.3	35.3	33.6	32.0	30.5	29.2	28.0
	40	1.310	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 FLOW REGULATORS 20" 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		
11.2	10.7	10.3	10.0	9.6	9.3	9.0	8.7	8.5	8.2	8.0	7.8	7.5	7.3	7.2	7.0	0.4700	10	4916-86SS
15.8	15.2	14.6	14.1	13.6	13.1	12.7	12.3	12.0	11.6	11.3	11.0	10.7	10.4	10.1	9.9	0.6640	20	
19.3	18.6	17.9	17.2	16.7	16.1	15.6	15.1	14.6	14.2	13.8	13.4	13.1	12.7	12.4	12.1	0.8130	30	
22.3	21.5	20.7	19.9	19.2	18.6	18.0	17.4	16.9	16.4	15.9	15.5	15.1	14.7	14.3	13.9	0.9390	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	0.4900	10	4916-89SS
16.5	15.8	15.2	14.7	14.2	13.7	13.3	12.9	12.5	12.1	11.8	11.4	11.1	10.8	10.6	10.3	0.6930	20	
20.2	19.4	18.7	18.0	17.4	16.8	16.3	15.8	15.3	14.8	14.4	14.0	13.6	13.3	12.9	12.6	0.8490	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	0.9800	40	
12.4	11.9	11.5	11.1	10.7	10.4	10.0	9.7	9.4	9.1	8.9	8.6	8.4	8.2	8.0	7.8	0.5230	10	4916-91SS
17.6	16.9	16.3	15.7	15.1	14.6	14.2	13.7	13.3	12.9	12.5	12.2	11.9	11.6	11.3	11.0	0.7390	20	
21.5	20.7	19.9	19.2	18.5	17.9	17.3	16.8	16.3	15.8	15.4	14.9	14.5	14.1	13.8	13.4	0.9050	30	
24.9	24.0	23.1	22.3	21.5	20.8	20.1	19.5	18.9	18.3	17.8	17.3	16.9	16.4	16.0	15.6	1.0500	40	
13.0	12.5	12.0	11.6	11.2	10.8	10.5	10.2	9.8	9.6	9.3	9.0	8.8	8.6	8.3	8.1	0.5470	10	4916-93SS
18.4	17.7	17.0	16.4	15.9	15.3	14.8	14.4	13.9	13.5	13.1	12.8	12.4	12.1	11.8	11.5	0.7740	20	
22.5	21.6	20.8	20.1	19.4	18.8	18.1	17.6	17.0	16.5	16.1	15.6	15.2	14.8	14.4	14.1	0.9470	30	
25.9	24.9	24.0	23.1	22.3	21.6	20.9	20.2	19.6	19.0	18.5	18.0	17.5	17.0	16.6	16.2	1.0900	40	
13.6	13.1	12.6	12.1	11.7	11.3	11.0	10.6	10.3	10.0	9.7	9.4	9.2	8.9	8.7	8.5	0.5720	10	4916-95SS
19.2	18.5	17.8	17.1	16.6	16.0	15.5	15.0	14.5	14.1	13.7	13.3	13.0	12.6	12.3	12.0	0.8080	20	
23.5	22.6	21.8	21.0	20.3	19.6	19.0	18.4	17.8	17.3	16.8	16.3	15.9	15.5	15.1	14.7	0.9900	30	
27.1	26.0	25.1	24.2	23.4	22.6	21.8	21.2	20.5	19.9	19.3	18.8	18.3	17.8	17.4	16.9	1.1400	40	
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	0.6250	10	4916-98SS
21.0	20.2	19.4	18.8	18.1	17.5	16.9	16.4	15.9	15.4	15.0	14.6	14.2	13.8	13.5	13.1	0.8840	20	
25.7	24.7	23.8	22.9	22.1	21.4	20.7	20.0	19.4	18.9	18.3	17.8	17.3	16.9	16.4	16.0	1.0800	30	
29.7	28.6	27.5	26.5	25.6	24.8	24.0	23.2	22.5	21.8	21.2	20.6	20.1	19.5	19.0	18.6	1.2500	40	
15.5	14.9	14.4	13.9	13.4	12.9	12.5	12.1	11.8	11.4	11.1	10.8	10.5	10.2	9.9	9.7	0.6530	10	4916-103SS
21.9	21.1	20.3	19.6	18.9	18.3	17.7	17.1	16.6	16.1	15.7	15.2	14.8	14.4	14.1	13.7	0.9230	20	
26.8	25.8	24.9	24.0	23.1	22.4	21.7	21.0	20.3	19.7	19.2	18.6	18.1	17.7	17.2	16.8	1.1300	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	1.3100	40	

4916 FLOW REGULATORS 20" 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	54.4	48.4	43.5	39.6	36.3	33.5	31.1	29.0	27.2	25.6	24.2	22.9	21.8	20.7	19.8	18.9	18.1
	20	1.040	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	1.270	94.3	83.8	75.4	68.6	62.9	58.0	53.9	50.3	47.1	44.4	41.9	39.7	37.7	35.9	34.3	32.8	31.4
	40	1.470	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

4916-110SS	10	0.775	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	1.100	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	1.340	99.5	88.4	79.6	72.4	66.3	61.2	56.9	53.1	49.7	46.8	44.2	41.9	39.8	37.9	36.2	34.6	33.2
	40	1.550	115.1	102.3	92.1	83.7	76.7	70.8	65.8	61.4	57.5	54.2	51.2	48.5	46.0	43.8	41.9	40.0	38.4

4916-115SS	10	0.885	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
	20	1.210	89.8	79.9	71.9	65.3	59.9	55.3	51.3	47.9	44.9	42.3	39.9	37.8	35.9	34.2	32.7	31.2	29.9
	30	1.480	109.9	97.7	87.9	79.9	73.3	67.6	62.8	58.6	54.9	51.7	48.8	46.3	44.0	41.9	40.0	38.2	36.6
	40	1.710	127.0	112.9	101.6	92.3	84.6	78.1	72.6	67.7	63.5	59.7	56.4	53.5	50.8	48.4	46.2	44.2	42.3

4916-120SS	10	0.890	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
	20	1.260	93.6	83.2	74.8	68.0	62.4	57.6	53.5	49.9	46.8	44.0	41.6	39.4	37.4	35.6	34.0	32.5	31.2
	30	1.540	114.3	101.6	91.5	83.2	76.2	70.4	65.3	61.0	57.2	53.8	50.8	48.1	45.7	43.6	41.6	39.8	38.1
	40	1.780	132.2	117.5	105.7	96.1	88.1	81.3	75.5	70.5	66.1	62.2	58.7	55.6	52.9	50.3	48.1	46.0	44.1

4916-125SS	10	0.980	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
	20	1.390	103.2	91.7	82.6	75.1	68.8	63.5	59.0	55.0	51.6	48.6	45.9	43.5	41.3	39.3	37.5	35.9	34.4
	30	1.700	126.2	112.2	101.0	91.8	84.2	77.7	72.1	67.3	63.1	59.4	56.1	53.1	50.5	48.1	45.9	43.9	42.1
	40	1.960	145.5	129.4	116.4	105.8	97.0	89.6	83.2	77.6	72.8	68.5	64.7	61.3	58.2	55.4	52.9	50.6	48.5

4916-128SS	10	1.020	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
	20	1.440	106.9	95.0	85.5	77.8	71.3	65.8	61.1	57.0	53.5	50.3	47.5	45.0	42.8	40.7	38.9	37.2	35.6
	30	1.770	131.4	116.8	105.1	95.6	87.6	80.9	75.1	70.1	65.7	61.8	58.4	55.3	52.6	50.1	47.8	45.7	43.8
	40	2.040	151.5	134.6	121.2	110.2	101.0	93.2	86.6	80.8	75.7	71.3	67.3	63.8	60.6	57.7	55.1	52.7	50.5

4916-132SS	10	1.100	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
	20	1.550	115.1	102.3	92.1	83.7	76.7	70.8	65.8	61.4	57.5	54.2	51.2	48.5	46.0	43.8	41.9	40.0	38.4
	30	1.900	141.1	125.4	112.9	102.6	94.1	86.8	80.6	75.2	70.5	66.4	62.7	59.4	56.4	53.7	51.3	49.1	47.0
	40	2.190	162.6	144.5	130.1	118.3	108.4	100.1	92.9	86.7	81.3	76.5	72.3	68.5	65.0	61.9	59.1	56.6	54.2

4916 FLOW REGULATORS 20" 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		
17.4	16.7	16.1	15.6	15.0	14.5	14.0	13.6	13.2	12.8	12.4	12.1	11.8	11.5	11.2	10.9	0.7330	10	4916-107SS
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	1.0400	20	
30.2	29.0	27.9	26.9	26.0	25.1	24.3	23.6	22.9	22.2	21.6	21.0	20.4	19.9	19.3	18.9	1.2700	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	1.4700	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	0.7750	10	4916-110SS
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	1.1000	20	
31.8	30.6	29.5	28.4	27.4	26.5	25.7	24.9	24.1	23.4	22.7	22.1	21.5	20.9	20.4	19.9	1.3400	30	
36.8	35.4	34.1	32.9	31.7	30.7	29.7	28.8	27.9	27.1	26.3	25.6	24.9	24.2	23.6	23.0	1.5500	40	
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	0.8850	10	4916-115SS
28.7	27.6	26.6	25.7	24.8	24.0	23.2	22.5	21.8	21.1	20.5	20.0	19.4	18.9	18.4	18.0	1.2100	20	
35.2	33.8	32.6	31.4	30.3	29.3	28.4	27.5	26.6	25.9	25.1	24.4	23.8	23.1	22.5	22.0	1.4800	30	
40.6	39.1	37.6	36.3	35.0	33.9	32.8	31.7	30.8	29.9	29.0	28.2	27.5	26.7	26.0	25.4	1.7100	40	
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	0.8900	10	4916-120SS
29.9	28.8	27.7	26.7	25.8	24.9	24.1	23.4	22.7	22.0	21.4	20.8	20.2	19.7	19.2	18.7	1.2600	20	
36.6	35.2	33.9	32.7	31.5	30.5	29.5	28.6	27.7	26.9	26.1	25.4	24.7	24.1	23.5	22.9	1.5400	30	
42.3	40.7	39.2	37.8	36.5	35.2	34.1	33.0	32.0	31.1	30.2	29.4	28.6	27.8	27.1	26.4	1.7800	40	
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	0.9800	10	4916-125SS
33.0	31.8	30.6	29.5	28.5	27.5	26.6	25.8	25.0	24.3	23.6	22.9	22.3	21.7	21.2	20.6	1.3900	20	
40.4	38.8	37.4	36.1	34.8	33.7	32.6	31.6	30.6	29.7	28.9	28.1	27.3	26.6	25.9	25.2	1.7000	30	
46.6	44.8	43.1	41.6	40.1	38.8	37.6	36.4	35.3	34.2	33.3	32.3	31.5	30.6	29.9	29.1	1.9600	40	
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	1.0200	10	4916-128SS
34.2	32.9	31.7	30.5	29.5	28.5	27.6	26.7	25.9	25.2	24.4	23.8	23.1	22.5	21.9	21.4	1.4400	20	
42.1	40.4	38.9	37.5	36.3	35.0	33.9	32.9	31.9	30.9	30.0	29.2	28.4	27.7	27.0	26.3	1.7700	30	
48.5	46.6	44.9	43.3	41.8	40.4	39.1	37.9	36.7	35.6	34.6	33.7	32.8	31.9	31.1	30.3	2.0400	40	
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	1.1000	10	4916-132SS
36.8	35.4	34.1	32.9	31.7	30.7	29.7	28.8	27.9	27.1	26.3	25.6	24.9	24.2	23.6	23.0	1.5500	20	
45.1	43.4	41.8	40.3	38.9	37.6	36.4	35.3	34.2	33.2	32.2	31.4	30.5	29.7	28.9	28.2	1.9000	30	
52.0	50.0	48.2	46.5	44.9	43.4	42.0	40.7	39.4	38.3	37.2	36.1	35.2	34.2	33.4	32.5	2.1900	40	

4916 FLOW REGULATORS 20" 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	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
	20	1.680	124.7	110.9	99.8	90.7	83.2	76.8	71.3	66.5	62.4	58.7	55.4	52.5	49.9	47.5	45.4	43.4	41.6
	30	2.060	153.0	136.0	122.4	111.2	102.0	94.1	87.4	81.6	76.5	72.0	68.0	64.4	61.2	58.3	55.6	53.2	51.0
	40	2.380	176.7	157.1	141.4	128.5	117.8	108.7	101.0	94.2	88.4	83.2	78.5	74.4	70.7	67.3	64.3	61.5	58.9

4916-140SS	10	1.270	94.3	83.8	75.4	68.6	62.9	58.0	53.9	50.3	47.1	44.4	41.9	39.7	37.7	35.9	34.3	32.8	31.4
	20	1.790	132.9	118.1	106.3	96.7	88.6	81.8	75.9	70.9	66.5	62.5	59.1	56.0	53.2	50.6	48.3	46.2	44.3
	30	2.190	162.6	144.5	130.1	118.3	108.4	100.1	92.9	86.7	81.3	76.5	72.3	68.5	65.0	61.9	59.1	56.6	54.2
	40	2.530	187.9	167.0	150.3	136.6	125.2	115.6	107.3	100.2	93.9	88.4	83.5	79.1	75.1	71.6	68.3	65.3	62.6

4916-144SS	10	1.310	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
	20	1.850	137.4	122.1	109.9	99.9	91.6	84.5	78.5	73.3	68.7	64.6	61.1	57.8	54.9	52.3	50.0	47.8	45.8
	30	2.270	168.5	149.8	134.8	122.6	112.4	103.7	96.3	89.9	84.3	79.3	74.9	71.0	67.4	64.2	61.3	58.6	56.2
	40	2.620	194.5	172.9	155.6	141.5	129.7	119.7	111.2	103.8	97.3	91.5	86.5	81.9	77.8	74.1	70.7	67.7	64.8

4916-147SS	10	1.350	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
	20	1.910	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
	30	2.330	173.0	153.8	138.4	125.8	115.3	106.5	98.9	92.3	86.5	81.4	76.9	72.8	69.2	65.9	62.9	60.2	57.7
	40	2.700	200.5	178.2	160.4	145.8	133.7	123.4	114.6	106.9	100.2	94.3	89.1	84.4	80.2	76.4	72.9	69.7	66.8

4916-151SS	10	1.470	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
	20	2.080	154.4	137.3	123.6	112.3	103.0	95.0	88.3	82.4	77.2	72.7	68.6	65.0	61.8	58.8	56.2	53.7	51.5
	30	2.550	189.3	168.3	151.5	137.7	126.2	116.5	108.2	101.0	94.7	89.1	84.2	79.7	75.7	72.1	68.9	65.9	63.1
	40	2.940	218.3	194.0	174.6	158.8	145.5	134.3	124.7	116.4	109.1	102.7	97.0	91.9	87.3	83.2	79.4	75.9	72.8

4916-156SS	10	1.550	115.1	102.3	92.1	83.7	76.7	70.8	65.8	61.4	57.5	54.2	51.2	48.5	46.0	43.8	41.9	40.0	38.4
	20	2.200	163.4	145.2	130.7	118.8	108.9	100.5	93.3	87.1	81.7	76.9	72.6	68.8	65.3	62.2	59.4	56.8	54.5
	30	2.690	199.7	177.5	159.8	145.3	133.2	122.9	114.1	106.5	99.9	94.0	88.8	84.1	79.9	76.1	72.6	69.5	66.6
	40	3.110	230.9	205.3	184.7	167.9	153.9	142.1	132.0	123.2	115.5	108.7	102.6	97.2	92.4	88.0	84.0	80.3	77.0

4916-161SS	10	1.630	121.0	107.6	96.8	88.0	80.7	74.5	69.2	64.5	60.5	57.0	53.8	51.0	48.4	46.1	44.0	42.1	40.3
	20	2.310	171.5	152.5	137.2	124.7	114.3	105.5	98.0	91.5	85.8	80.7	76.2	72.2	68.6	65.3	62.4	59.7	57.2
	30	2.830	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
	40	3.270	242.8	215.8	194.2	176.6	161.9	149.4	138.7	129.5	121.4	114.3	107.9	102.2	97.1	92.5	88.3	84.5	80.9

4916 FLOW REGULATORS 20" 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		
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	1.1900	10	4916-136SS
39.9	38.4	37.0	35.6	34.4	33.3	32.2	31.2	30.2	29.4	28.5	27.7	27.0	26.3	25.6	24.9	1.6800	20	
48.9	47.1	45.3	43.7	42.2	40.8	39.5	38.2	37.1	36.0	35.0	34.0	33.1	32.2	31.4	30.6	2.0600	30	
56.5	54.4	52.4	50.5	48.7	47.1	45.6	44.2	42.8	41.6	40.4	39.3	38.2	37.2	36.2	35.3	2.3800	40	
30.2	29.0	27.9	26.9	26.0	25.1	24.3	23.6	22.9	22.2	21.6	21.0	20.4	19.9	19.3	18.9	1.2700	10	4916-140SS
42.5	40.9	39.4	38.0	36.7	35.4	34.3	33.2	32.2	31.3	30.4	29.5	28.7	28.0	27.3	26.6	1.7900	20	
52.0	50.0	48.2	46.5	44.9	43.4	42.0	40.7	39.4	38.3	37.2	36.1	35.2	34.2	33.4	32.5	2.1900	30	
60.1	57.8	55.7	53.7	51.8	50.1	48.5	47.0	45.5	44.2	42.9	41.7	40.6	39.5	38.5	37.6	2.5300	40	
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	1.3100	10	4916-144SS
44.0	42.3	40.7	39.2	37.9	36.6	35.4	34.3	33.3	32.3	31.4	30.5	29.7	28.9	28.2	27.5	1.8500	20	
53.9	51.9	49.9	48.2	46.5	44.9	43.5	42.1	40.9	39.7	38.5	37.5	36.4	35.5	34.6	33.7	2.2700	30	
62.3	59.9	57.6	55.6	53.7	51.9	50.2	48.6	47.2	45.8	44.5	43.2	42.1	41.0	39.9	38.9	2.6200	40	
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	1.3500	10	4916-147SS
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	1.9100	20	
55.4	53.2	51.3	49.4	47.7	46.1	44.6	43.3	41.9	40.7	39.5	38.4	37.4	36.4	35.5	34.6	2.3300	30	
64.2	61.7	59.4	57.3	55.3	53.5	51.7	50.1	48.6	47.2	45.8	44.6	43.3	42.2	41.1	40.1	2.7000	40	
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	1.4700	10	4916-151SS
49.4	47.5	45.8	44.1	42.6	41.2	39.9	38.6	37.4	36.3	35.3	34.3	33.4	32.5	31.7	30.9	2.0800	20	
60.6	58.3	56.1	54.1	52.2	50.5	48.9	47.3	45.9	44.6	43.3	42.1	40.9	39.9	38.8	37.9	2.5500	30	
69.9	67.2	64.7	62.4	60.2	58.2	56.3	54.6	52.9	51.4	49.9	48.5	47.2	46.0	44.8	43.7	2.9400	40	
36.8	35.4	34.1	32.9	31.7	30.7	29.7	28.8	27.9	27.1	26.3	25.6	24.9	24.2	23.6	23.0	1.5500	10	4916-156SS
52.3	50.3	48.4	46.7	45.1	43.6	42.2	40.8	39.6	38.4	37.3	36.3	35.3	34.4	33.5	32.7	2.2000	20	
63.9	61.5	59.2	57.1	55.1	53.3	51.5	49.9	48.4	47.0	45.7	44.4	43.2	42.0	41.0	39.9	2.6900	30	
73.9	71.1	68.4	66.0	63.7	61.6	59.6	57.7	56.0	54.3	52.8	51.3	49.9	48.6	47.4	46.2	3.1100	40	
38.7	37.2	35.9	34.6	33.4	32.3	31.2	30.3	29.3	28.5	27.7	26.9	26.2	25.5	24.8	24.2	1.6300	10	4916-161SS
54.9	52.8	50.8	49.0	47.3	45.7	44.3	42.9	41.6	40.4	39.2	38.1	37.1	36.1	35.2	34.3	2.3100	20	
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	2.8300	30	
77.7	74.7	71.9	69.4	67.0	64.7	62.7	60.7	58.9	57.1	55.5	54.0	52.5	51.1	49.8	48.6	3.2700	40	

4916 FLOW REGULATORS 20" 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	127.7	113.5	102.2	92.9	85.1	78.6	73.0	68.1	63.9	60.1	56.8	53.8	51.1	48.7	46.4	44.4	42.6
	20	2.430	180.4	160.4	144.3	131.2	120.3	111.0	103.1	96.2	90.2	84.9	80.2	76.0	72.2	68.7	65.6	62.8	60.1
	30	2.970	220.5	196.0	176.4	160.4	147.0	135.7	126.0	117.6	110.3	103.8	98.0	92.9	88.2	84.0	80.2	76.7	73.5
	40	3.430	254.7	226.4	203.7	185.2	169.8	156.7	145.5	135.8	127.3	119.8	113.2	107.2	101.9	97.0	92.6	88.6	84.9

4916-170SS	10	1.840	136.6	121.4	109.3	99.4	91.1	84.1	78.1	72.9	68.3	64.3	60.7	57.5	54.6	52.0	49.7	47.5	45.5
	20	2.610	193.8	172.3	155.0	140.9	129.2	119.3	110.7	103.4	96.9	91.2	86.1	81.6	77.5	73.8	70.5	67.4	64.6
	30	3.190	236.9	210.5	189.5	172.3	157.9	145.8	135.3	126.3	118.4	111.5	105.3	99.7	94.7	90.2	86.1	82.4	79.0
	40	3.690	274.0	243.5	219.2	199.3	182.7	168.6	156.6	146.1	137.0	128.9	121.8	115.4	109.6	104.4	99.6	95.3	91.3

4916-172SS	10	1.920	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
	20	2.710	201.2	178.9	161.0	146.3	134.1	123.8	115.0	107.3	100.6	94.7	89.4	84.7	80.5	76.7	73.2	70.0	67.1
	30	3.320	246.5	219.1	197.2	179.3	164.3	151.7	140.9	131.5	123.3	116.0	109.6	103.8	98.6	93.9	89.6	85.7	82.2
	40	3.840	285.1	253.4	228.1	207.4	190.1	175.5	162.9	152.1	142.6	134.2	126.7	120.1	114.0	108.6	103.7	99.2	95.0

4916-177SS	10	2.000	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	2.830	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	3.460	256.9	228.4	205.5	186.8	171.3	158.1	146.8	137.0	128.5	120.9	114.2	108.2	102.8	97.9	93.4	89.4	85.6
	40	4.000	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

4916-182SS	10	2.080	154.4	137.3	123.6	112.3	103.0	95.0	88.3	82.4	77.2	72.7	68.6	65.0	61.8	58.8	56.2	53.7	51.5
	20	2.950	219.0	194.7	175.2	159.3	146.0	134.8	125.2	116.8	109.5	103.1	97.4	92.2	87.6	83.4	79.7	76.2	73.0
	30	3.610	268.0	238.3	214.4	194.9	178.7	164.9	153.2	143.0	134.0	126.1	119.1	112.9	107.2	102.1	97.5	93.2	89.3
	40	4.170	309.6	275.2	247.7	225.2	206.4	190.5	176.9	165.1	154.8	145.7	137.6	130.4	123.8	118.0	112.6	107.7	103.2

4916-187SS	10	2.210	164.1	145.9	131.3	119.3	109.4	101.0	93.8	87.5	82.0	77.2	72.9	69.1	65.6	62.5	59.7	57.1	54.7
	20	3.120	231.7	205.9	185.3	168.5	154.4	142.6	132.4	123.6	115.8	109.0	103.0	97.5	92.7	88.3	84.2	80.6	77.2
	30	3.820	283.6	252.1	226.9	206.3	189.1	174.5	162.1	151.3	141.8	133.5	126.1	119.4	113.5	108.1	103.1	98.7	94.5
	40	4.410	327.4	291.1	262.0	238.1	218.3	201.5	187.1	174.6	163.7	154.1	145.5	137.9	131.0	124.7	119.1	113.9	109.1

4916-196SS	10	2.450	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
	20	3.460	256.9	228.4	205.5	186.8	171.3	158.1	146.8	137.0	128.5	120.9	114.2	108.2	102.8	97.9	93.4	89.4	85.6
	30	4.240	314.8	279.8	251.9	229.0	209.9	193.7	179.9	167.9	157.4	148.2	139.9	132.6	125.9	119.9	114.5	109.5	104.9
	40	4.900	363.8	323.4	291.1	264.6	242.6	223.9	207.9	194.0	181.9	171.2	161.7	153.2	145.5	138.6	132.3	126.5	121.3

4916 FLOW REGULATORS 20" 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		
40.9	39.3	37.8	36.5	35.2	34.1	33.0	31.9	31.0	30.0	29.2	28.4	27.6	26.9	26.2	25.5	1.7200	10	4916-166SS
57.7	55.5	53.5	51.6	49.8	48.1	46.6	45.1	43.7	42.5	41.2	40.1	39.0	38.0	37.0	36.1	2.4300	20	
70.6	67.9	65.3	63.0	60.8	58.8	56.9	55.1	53.5	51.9	50.4	49.0	47.7	46.4	45.2	44.1	2.9700	30	
81.5	78.4	75.5	72.8	70.3	67.9	65.7	63.7	61.7	59.9	58.2	56.6	55.1	53.6	52.2	50.9	3.4300	40	
43.7	42.0	40.5	39.0	37.7	36.4	35.3	34.2	33.1	32.1	31.2	30.4	29.5	28.8	28.0	27.3	1.8400	10	4916-170SS
62.0	59.6	57.4	55.4	53.5	51.7	50.0	48.4	47.0	45.6	44.3	43.1	41.9	40.8	39.8	38.8	2.6100	20	
75.8	72.9	70.2	67.7	65.3	63.2	61.1	59.2	57.4	55.7	54.1	52.6	51.2	49.9	48.6	47.4	3.1900	30	
87.7	84.3	81.2	78.3	75.6	73.1	70.7	68.5	66.4	64.5	62.6	60.9	59.2	57.7	56.2	54.8	3.6900	40	
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	1.9200	10	4916-172SS
64.4	61.9	59.6	57.5	55.5	53.7	51.9	50.3	48.8	47.3	46.0	44.7	43.5	42.4	41.3	40.2	2.7100	20	
78.9	75.8	73.0	70.4	68.0	65.7	63.6	61.6	59.8	58.0	56.3	54.8	53.3	51.9	50.6	49.3	3.3200	30	
91.2	87.7	84.5	81.5	78.7	76.0	73.6	71.3	69.1	67.1	65.2	63.4	61.6	60.0	58.5	57.0	3.8400	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	2.0000	10	4916-177SS
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	2.8300	20	
82.2	79.0	76.1	73.4	70.9	68.5	66.3	64.2	62.3	60.4	58.7	57.1	55.5	54.1	52.7	51.4	3.4600	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	4.0000	40	
49.4	47.5	45.8	44.1	42.6	41.2	39.9	38.6	37.4	36.3	35.3	34.3	33.4	32.5	31.7	30.9	2.0800	10	4916-182SS
70.1	67.4	64.9	62.6	60.4	58.4	56.5	54.8	53.1	51.5	50.1	48.7	47.4	46.1	44.9	43.8	2.9500	20	
85.8	82.5	79.4	76.6	73.9	71.5	69.2	67.0	65.0	63.1	61.3	59.6	58.0	56.4	55.0	53.6	3.6100	30	
99.1	95.3	91.7	88.5	85.4	82.6	79.9	77.4	75.1	72.9	70.8	68.8	66.9	65.2	63.5	61.9	4.1700	40	
52.5	50.5	48.6	46.9	45.3	43.8	42.3	41.0	39.8	38.6	37.5	36.5	35.5	34.5	33.7	32.8	2.2100	10	4916-187SS
74.1	71.3	68.6	66.2	63.9	61.8	59.8	57.9	56.2	54.5	53.0	51.5	50.1	48.8	47.5	46.3	3.1200	20	
90.8	87.3	84.0	81.0	78.2	75.6	73.2	70.9	68.8	66.7	64.8	63.0	61.3	59.7	58.2	56.7	3.8200	30	
104.8	100.8	97.0	93.6	90.3	87.3	84.5	81.9	79.4	77.0	74.8	72.8	70.8	68.9	67.2	65.5	4.4100	40	
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	2.4500	10	4916-196SS
82.2	79.0	76.1	73.4	70.9	68.5	66.3	64.2	62.3	60.4	58.7	57.1	55.5	54.1	52.7	51.4	3.4600	20	
100.7	96.9	93.3	89.9	86.8	84.0	81.2	78.7	76.3	74.1	72.0	70.0	68.1	66.3	64.6	63.0	4.2400	30	
116.4	111.9	107.8	104.0	100.4	97.0	93.9	91.0	88.2	85.6	83.2	80.9	78.7	76.6	74.6	72.8	4.9000	40	

4916 FLOW REGULATORS 20" 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	196.8	174.9	157.4	143.1	131.2	121.1	112.4	104.9	98.4	92.6	87.5	82.8	78.7	75.0	71.6	68.4	65.6
	20	3.750	278.4	247.5	222.8	202.5	185.6	171.3	159.1	148.5	139.2	131.0	123.8	117.2	111.4	106.1	101.3	96.8	92.8
	30	4.590	340.8	302.9	272.6	247.9	227.2	209.7	194.7	181.8	170.4	160.4	151.5	143.5	136.3	129.8	123.9	118.5	113.6
	40	5.310	394.3	350.5	315.4	286.7	262.8	242.6	225.3	210.3	197.1	185.5	175.2	166.0	157.7	150.2	143.4	137.1	131.4

4916-218SS	10	2.980	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
	20	4.210	312.6	277.9	250.1	227.3	208.4	192.4	178.6	166.7	156.3	147.1	138.9	131.6	125.0	119.1	113.7	108.7	104.2
	30	5.160	383.1	340.6	306.5	278.6	255.4	235.8	218.9	204.3	191.6	180.3	170.3	161.3	153.3	146.0	139.3	133.3	127.7
	40	5.960	442.5	393.4	354.0	321.8	295.0	272.3	252.9	236.0	221.3	208.2	196.7	186.3	177.0	168.6	160.9	153.9	147.5

4916-234SS	10	3.470	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
	20	4.910	364.6	324.1	291.7	265.1	243.0	224.3	208.3	194.4	182.3	171.6	162.0	153.5	145.8	138.9	132.6	126.8	121.5
	30	6.010	446.2	396.7	357.0	324.5	297.5	274.6	255.0	238.0	223.1	210.0	198.3	187.9	178.5	170.0	162.3	155.2	148.7
	40	6.940	515.3	458.0	412.2	374.8	343.5	317.1	294.5	274.8	257.6	242.5	229.0	217.0	206.1	196.3	187.4	179.2	171.8

4916-250SS	10	4.000	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
	20	5.660	420.3	373.6	336.2	305.6	280.2	258.6	240.1	224.1	210.1	197.8	186.8	176.9	168.1	160.1	152.8	146.2	140.1
	30	6.930	514.6	457.4	411.6	374.2	343.0	316.6	294.0	274.4	257.3	242.1	228.7	216.7	205.8	196.0	187.1	179.0	171.5
	40	8.000	594.0	528.0	475.2	432.0	396.0	365.5	339.4	316.8	297.0	279.5	264.0	250.1	237.6	226.3	216.0	206.6	198.0

4916 FLOW REGULATORS 20" 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		
63.0	60.5	58.3	56.2	54.3	52.5	50.8	49.2	47.7	46.3	45.0	43.7	42.5	41.4	40.4	39.4	2.6500	10	4916-205SS
89.1	85.7	82.5	79.6	76.8	74.3	71.9	69.6	67.5	65.5	63.6	61.9	60.2	58.6	57.1	55.7	3.7500	20	
109.1	104.9	101.0	97.4	94.0	90.9	88.0	85.2	82.6	80.2	77.9	75.7	73.7	71.7	69.9	68.2	4.5900	30	
126.2	121.3	116.8	112.6	108.8	105.1	101.7	98.6	95.6	92.8	90.1	87.6	85.2	83.0	80.9	78.9	5.3100	40	
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	2.9800	10	4916-218SS
100.0	96.2	92.6	89.3	86.2	83.4	80.7	78.1	75.8	73.6	71.4	69.5	67.6	65.8	64.1	62.5	4.2100	20	
122.6	117.9	113.5	109.5	105.7	102.2	98.9	95.8	92.9	90.1	87.6	85.1	82.8	80.7	78.6	76.6	5.1600	30	
141.6	136.2	131.1	126.4	122.1	118.0	114.2	110.6	107.3	104.1	101.1	98.3	95.7	93.2	90.8	88.5	5.9600	40	
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	3.4700	10	4916-234SS
116.7	112.2	108.0	104.2	100.6	97.2	94.1	91.1	88.4	85.8	83.3	81.0	78.8	76.8	74.8	72.9	4.9100	20	
142.8	137.3	132.2	127.5	123.1	119.0	115.2	111.6	108.2	105.0	102.0	99.2	96.5	93.9	91.5	89.2	6.0100	30	
164.9	158.6	152.7	147.2	142.2	137.4	133.0	128.8	124.9	121.2	117.8	114.5	111.4	108.5	105.7	103.1	6.9400	40	
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	4.0000	10	4916-250SS
134.5	129.3	124.5	120.1	115.9	112.1	108.5	105.1	101.9	98.9	96.1	93.4	90.9	88.5	86.2	84.1	5.6600	20	
164.7	158.3	152.5	147.0	141.9	137.2	132.8	128.6	124.7	121.1	117.6	114.3	111.3	108.3	105.5	102.9	6.9300	30	
190.1	182.8	176.0	169.7	163.9	158.4	153.3	148.5	144.0	139.8	135.8	132.0	128.4	125.1	121.8	118.8	8.0000	40	