

Performance Chart

U.S. Measurements

Brake Assembly with Deflector	Nozzle	Stream Height	Flow Rates and Throw Radius at Standard Pressures						Model Number Part Numbers	
			Gallons per Minute (gpm) Throw Radius (feet)						NPT	ACME
			25 psi	30 psi	35 psi	40 psi	45 psi	50 psi		
 9 Degree Blue Item# 1804999B	Gray #65 0.065" (1.651mm) Item# 18116965G	17-28 in (43-71 cm)	0.61 23	0.67 23	0.72 24	0.77 25	0.82 25	0.86 25	LF06N09B65 A85601E9B65	LF06A09B65 A85603E9B65
	White #70 0.070" (1.778mm) Item# 18116970W	22-30 in (56-76 cm)	0.70 24	0.77 24	0.83 24	0.89 25	0.94 25	0.99 26	LF06N09B70 A85601E9B70	LF06A09B70 A85603E9B70
	Dark Blue #78 0.078" (1.981mm) Item# 18116978B	22-30 in (56-76 cm)	0.88 25	0.97 25	1.05 25	1.12 25	1.19 25	1.25 26	LF06N09B78 A85601E9B78	LF06A09B78 A85603E9B78
	F4 0.75GPM/170.3LPH Item# 18212575	19-26 in (48-66 cm)	0.75 22.5						LF06N09BF4 A85601E9BF4	LF06A09BF4 A85603E9BF4
	F5 1.0GPM/227.1LPH Item# 18212510	22-31 in (56-79 cm)	1.0 23.5						LF06N09BF5 A85601E9BF5	LF06A09BF5 A85603E9BF5
 12 Degree Pink Item# 18049912P	Dark Blue #78 0.078" (1.981mm) Item# 18116978B	23-31 in (58-79 cm)			1.05 23	1.12 24	1.19 25	1.25 26	LF06N12P78 A85601E12P78	LF06A12P78 A85603E12P78
	Orange #86 0.086" (2.184mm) Item# 18116986O	22-32 in (56-81 cm)		1.18 26	1.27 28	1.36 29	1.44 29	1.52 29	LF06N12P86 A85601E12P86	LF06A12P86 A85603E12P86
	Purple #94 0.094" (2.388mm) Item# 18116994P	20-32 in (51-81 cm)	1.27 26	1.39 28	1.50 29	1.61 28	1.70 29	1.80 29	LF06N12P94 A85601E12P94	LF06A12P94 A85603E12P94
	Yellow #102 0.102" (2.591mm) Item# 181169102Y	21-34 in (53-86 cm)	1.50 27	1.65 28	1.78 30	1.90 30	2.02 29	2.12 29	LF06N12P102 A85601E12P102	LF06A12P102 A85603E12P102
 15 Degree Purple Item# 18049915P	Gray #65 0.065" (1.651mm) Item# 18116965G	27-41 in (69-104 cm)	0.61 26	0.67 24	0.72 25	0.77 25	0.82 27	0.86 26	LF06N15P65 A85601E15P65	LF06A15P65 A85603E15P65
	White #70 0.070" (1.778mm) Item# 18116970W	31-44 in (79-112 cm)	0.70 26	0.77 27	0.83 27	0.89 29	0.94 29	0.99 29	LF06N15P70 A85601E15P70	LF06A15P70 A85603E15P70
	Dark Blue #78 0.078" (1.981mm) Item# 18116978B	34-45 in (86-114 cm)	0.88 28	0.97 28	1.05 29	1.12 29	1.19 29	1.25 28	LF06N15P78 A85601E15P78	LF06A15P78 A85603E15P78
	F4 0.75GPM/170.3LPH Item# 18212575	31-42 in (79-107 cm)	0.75 24						LF06N15PF4 A85601E15PF4	LF06A15PF4 A85603E15PF4
	F5 1.0GPM/227.1LPH Item# 18212510	34-44 in (86-112 cm)	1.0 27.5						LF06N15PF5 A85601E15PF5	LF06A15PF5 A85603E15PF5
 15 Degree Gold Item# 18049915G	Orange #86 0.086" (2.184mm) Item# 18116986O	27-50 in (69-127 cm)	1.07 26	1.18 28	1.27 28	1.36 29	1.44 29	1.52 30	LF06N15G86 A85601E15G86	LF06A15G86 A85603E15G86
	Purple #94 0.094" (2.388mm) Item# 18116994P	38-49 in (97-124 cm)	1.27 28	1.39 30	1.50 30	1.61 31	1.70 31	1.80 31	LF06N15G94 A85601E15G94	LF06A15G94 A85603E15G94
	Yellow #102 0.102" (2.591mm) Item# 181169102Y	41-53 in (104-135 cm)	1.50 31	1.65 31	1.78 31	1.90 30	2.02 30	2.12 30	LF06N15G102 A85601E15G102	LF06A15G102 A85603E15G102




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Performance Chart

Metric Measurements

Matrix of Assemblies	Brake Assembly with Deflector	Nozzle	Stream Height	Flow Rates and Throw Radius at Standard Pressures							Model Number Part Numbers	
				Liter per Hour (l/h) Throw Radius (meters)							NPT	ACME
				1.75 bar	2 bar	2.25 bar	2.5 bar	2.75 bar	3 bar	3.25 bar		
 9 Degree Blue Item# 1804999B	Gray #65 0.065" (1.651mm) Item# 18116965G		17-28 in (43-71 cm)	140 7.0	149 7.0	158 7.3	167 7.5	175 7.6	183 7.6	190 7.6	LF06N09B65 A85601E9B65	LF06A09B65 A85603E9B65
	White #70 0.070" (1.778mm) Item# 18116970W		22-30 in (56-76 cm)	161 7.3	172 7.3	182 7.3	192 7.5	202 7.6	211 7.6	219 7.9	LF06N09B70 A85601E9B70	LF06A09B70 A85603E9B70
	Dark Blue #78 0.078" (1.981mm) Item# 18116978B		22-30 in (56-76 cm)	203 7.6	216 7.6	230 7.6	242 7.6	254 7.6	265 7.6	276 7.9	LF06N09B78 A85601E9B78	LF06A09B78 A85603E9B78
	F4 0.75GPM/170.3LPH Item# 18212575		19-26 in (48-66 cm)	170 6.8							LF06N09BF4 A85601E9BF4	LF06A09BF4 A85603E9BF4
	F5 1.0GPM/227.1LPH Item# 18212510		22-31 in (56-79 cm)	227 7.2							LF06N09BF5 A85601E9BF5	LF06A09BF5 A85603E9BF5
 12 Degree Pink Item# 18049912P	Dark Blue #78 0.078" (1.981mm) Item# 18116978B		23-31 in (58-79 cm)			230 7.0	242 7.2	254 7.3	265 7.6	276 7.9	LF06N12P78 A85601E12P78	LF06A12P78 A85603E12P78
	Orange #86 0.086" (2.184mm) Item# 18116986O		22-32 in (56-81 cm)		263 7.9	279 8.5	294 8.7	308 8.8	322 8.8	335 8.8	LF06N12P86 A85601E12P86	LF06A12P86 A85603E12P86
	Purple #94 0.094" (2.388mm) Item# 18116994P		20-32 in (51-81 cm)	291 7.9	311 8.5	330 8.8	347 8.7	364 8.5	381 8.8	396 8.8	LF06N12P94 A85601E12P94	LF06A12P94 A85603E12P94
	Yellow #102 0.102" (2.591mm) Item# 181169102Y		21-34 in (53-86 cm)	344 8.2	368 8.5	390 9.1	411 9.1	431 9.1	450 8.8	469 8.8	LF06N12P102 A85601E12P102	LF06A12P102 A85603E12P102
 15 Degree Purple Item# 18049915P	Gray #65 0.065" (1.651mm) Item# 18116965G		27-41 in (69-104 cm)	140 7.9	149 7.3	158 7.6	167 7.6	175 7.6	183 8.2	190 7.9	LF06N15P65 A85601E15P65	LF06A15P65 A85603E15P65
	White #70 0.070" (1.778mm) Item# 18116970W		31-44 in (79-112 cm)	161 7.9	172 8.2	182 8.2	192 8.5	202 8.8	211 8.8	219 8.8	LF06N15P70 A85601E15P70	LF06A15P70 A85603E15P70
	Dark Blue #78 0.078" (1.981mm) Item# 18116978B		34-45 in (86-114 cm)	203 8.5	216 8.5	230 8.8	242 8.8	254 8.8	265 8.8	276 8.5	LF06N15P78 A85601E15P78	LF06A15P78 A85603E15P78
	F4 0.75GPM/170.3LPH Item# 18212575		31-42 in (79-107 cm)	170 7.3							LF06N15PF4 A85601E15PF4	LF06A15PF4 A85603E15PF4
	F5 1.0GPM/227.1LPH Item# 18212510		34-44 in (86-112 cm)	227 8.4							LF06N15PF5 A85601E15PF5	LF06A15PF5 A85603E15PF5
 15 Degree Gold Item# 18049915G	Orange #86 0.086" (2.184mm) Item# 18116986O		27-50 in (69-127 cm)	246 7.9	263 8.5	279 8.5	294 8.7	308 8.8	322 8.8	335 9.1	LF06N15G86 A85601E15G86	LF06A15G86 A85603E15G86
	Purple #94 0.094" (2.388mm) Item# 18116994P		38-49 in (97-124 cm)	291 8.5	311 9.1	330 9.1	347 9.3	364 9.4	381 9.4	396 9.4	LF06N15G94 A85601E15G94	LF06A15G94 A85603E15G94
	Yellow #102 0.102" (2.591mm) Item# 181169102Y		41-53 in (104-135 cm)	344 9.4	368 9.4	390 9.4	411 9.3	431 9.1	450 9.1	469 9.1	LF06N15G102 A85601E15G102	LF06A15G102 A85603E15G102

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