


Size	"A" 6 Element	6 Element Model Number	"A" 12 Element	12 Element Model Number
3/8"	6-1/2	3/8-40C-4-6-2	11	3/8-40C-4-12-2
1/2"	7	1/2-40C-4-6-2	12	1/2-40C-4-12-2
3/4"	9	3/4-40C-4-6-2	15	3/4-40C-4-12-2
1"	11	1-40C-4-6-2	18	1-40C-4-12-2
1-1/4"	14	1.25-40C-4-6-2	25	1.25-40C-4-12-2
1-1/2"	15	1.5-40C-4-6-2	28	1.5-40C-4-12-2
2"	19	2-40C-4-6-2	35	2-40C-4-12-2

		Koflo Corporation 309 CARY POINT DR. CARY, IL 60013	
DATE: 1/18/94		REVISED 10/15/01	
CUSTOMER:		REVISED 5/22/08	
MODEL NO:		DRAWING NUMBER:	
CLEAR PVC SCHEDULE 40 MIXER		KD-993	

Technical Specifications of Series 308 Clear PVC Threaded Static Mixers

Model Number	Pipe Dia. MNPT Ends	Number of Elements	Length (Inches)	Weight (Grams)	Max. Working Pressure (BAR / PSI @ 24°C/75°F)	Typical Flow (Litres/min)	Pressure Loss (kPa)
KOFLO-SM-3/8-40C-4-6-2	3/8"	6	6-1/2"	37	21 Bar / 310 PSI	1.5 - 11	1.7 - 77.5
KOFLO-SM-3/8-40C-4-12-2	3/8"	12	11"	60	21 Bar / 310 PSI	1.5 - 11	3.4 - 155
KOFLO-SM-1/2-40C-4-6-2	1/2"	6	7"	60	20 Bar / 300 PSI	2.4 - 19	1.7 - 69
KOFLO-SM-1/2-40C-4-12-2	1/2"	12	12"	94	20 Bar / 300 PSI	2.4 - 19	3.4 - 138
KOFLO-SM-3/4-40C-4-6-2	3/4"	6	9"	105	16 Bar / 240 PSI	5.6 - 45	1.7 - 76
KOFLO-SM-3/4-40C-4-12-2	3/4"	12	15"	165	16 Bar / 240 PSI	5.6 - 45	3.4 - 152
KOFLO-SM-1-40C-4-6-2	1"	6	11"	184	15 Bar / 220 PSI	9.4 - 60	2 - 81
KOFLO-SM-1-40C-4-12-2	1"	12	18"	281	15 Bar / 220 PSI	9.4 - 60	4 - 162
KOFLO-SM-1.25-40C-4-6-2	1-1/4"	6	14"	346	12.5 Bar / 180 PSI	15 - 121	1.7 - 93
KOFLO-SM-1.25-40C-4-12-2	1-1/4"	12	25"	519	12.5 Bar / 180 PSI	15 - 121	3.4 - 186
KOFLO-SM-1.5-40C-4-6-2	1-1/2"	6	15"	420	12 Bar / 170 PSI	22.7 - 151	1.7 - 85
KOFLO-SM-1.5-40C-4-12-2	1-1/2"	12	28"	720	12 Bar / 170 PSI	22.7 - 151	3.4 - 169
KOFLO-SM-2-40C-4-6-2	2"	6	19"	720	9.5 Bar / 140 PSI	34 - 227	1.7 - 64
KOFLO-SM-2-40C-4-12-2	2"	12	35"	1220	9.5 Bar / 140 PSI	34 - 227	3.4 - 128