

Large Flow SMP Fulljet Full Cone Nozzles



SMP

Performance Data

Thread Size (NPT / BSPT)	Model No.	Flow Rate (L/min)								Orifice Dia. (mm)
		0.2bar	0.3bar	0.5bar	0.7bar	1.0bar	2.0bar	3.0bar	5.0bar	
3/8	SMP125	2.60	3.14	3.99	4.68	5.53	7.66	9.27	11.8	3.18
	SMP156	4.13	4.99	6.35	7.43	8.79	12.2	14.7	18.7	3.97
	SMP187	5.96	7.21	9.17	10.7	12.7	17.6	21.3	27.1	4.76
1/2	SMP187	5.96	7.21	9.17	10.7	12.7	17.6	21.3	27.1	4.76
	SMP218	9.48	11.5	14.6	17.1	20.2	28.0	33.9	43.0	5.56
	SMP250	10.7	12.9	16.4	19.2	22.7	31.4	38.0	48.4	6.35
3/4	SMP281	13.1	15.8	20.1	23.6	27.9	38.6	46.8	59.4	7.14
	SMP312	15.9	19.2	24.4	28.6	33.8	46.8	56.6	72.0	7.94
	SMP343	19.4	23.5	29.9	35.0	41.4	57.3	69.4	88.2	8.73
1	SMP375	22.9	27.7	35.2	41.3	48.8	67.6	81.8	104	9.53
	SMP406	27.6	33.3	42.3	49.3	58.6	81.1	98.1	126	10.3
	SMP437	34.0	40.6	50.9	59.0	69.0	93.6	112	140	11.1
1-1/4	SMP437	34.0	40.6	50.9	59.0	69.0	93.6	112	140	11.1
	SMP500	43.7	52.2	65.4	75.8	88.7	120	144	180	11.1
	SMP531	48.5	58.0	72.7	84.2	98.6	134	160	200	12.7
1-1/2	SMP562	53.4	63.8	79.9	92.7	108	147	176	220	13.5
	SMP562	53.4	63.8	79.9	92.7	108	147	176	220	14.3
	SMP593	60.7	72.5	90.9	105	123	167	200	250	15.1
2	SMP625	64.7	77.4	96.9	112	131	178	213	267	15.9
	SMP656	78.5	93.5	117	136	159	216	258	324	16.7
	SMP687	82.5	98.7	124	143	168	227	272	340	17.5
2	SMP750	100	120	150	174	204	276	333	414	19.1
	SMP812	110	132	165	191	223	303	362	454	20.6
	SMP875	136	162	203	236	276	374	448	560	22.2
2-1/2	SMP937	152	182	228	264	309	419	501	627	23.8
	SMP1000	178	213	266	309	361	490	586	734	25.4
	SMP1125	206	249	317	371	439	608	736	935	28.6
3	SMP1125	206	249	317	371	439	608	736	935	28.6
	SMP1250	247	299	381	446	527	730	883	1120	31.8
	SMP1375	297	359	456	535	632	875	1060	1350	34.9
3	SMP1500	363	440	559	655	774	1070	1230	1650	38.1
	SMP1500	363	440	559	655	774	1070	1230	1650	38.1
	SMP1625	428	517	658	770	911	1260	1530	1940	41.3
4	SMP1750	488	591	751	880	1040	1440	1740	2220	44.5
	SMP1750	488	591	751	880	1040	1440	1740	2220	44.5
	SMP1825	550	660	845	990	1170	1620	1960	2490	47.6
4	SMP2000	643	778	989	1160	1370	1900	2300	2920	50.8
	SMP2125	719	870	1100	1290	1530	2100	2550	3250	54.0
	SMP2250	780	944	1200	1400	1660	2300	2780	3540	57.2

Large Flow SMP Fulljet Full Cone Nozzles have the following features:

- Large Flow SMP Fulljet Full Cone Nozzles have two inner vanes ensure max clog free passage
- S shape vane avoids layered spraying. The spraying is uniform and completely
- Spray angles: 30° to 120°
- Wide choices of materials: Stainless steel, brass, Teflon, PP (Polypropylene)
- Connections: 1/8" to 4" (male and female NPT and BSPT) , Flange connection is also available
- General Application :

Waste gas scrubbing

Dust suppression

Chemical tower spraying

Quick cooling

Washing or cleaning