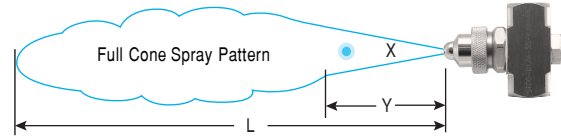


XD Series - Air Atomising Nozzle

Nozzle Features

XD series full cone internally mixed atomising nozzles produce very fine spray particles in spray angles of approximately 10° to 20°. The pressure method system allows the supply of liquid to the fluid tip under pressure. The liquid is then mixed internally in chamber with compressed air to produce a full cone spray pattern.

XD-RP FULL CONE SPRAY - PRESSURE METHOD



Performance Data

SPRAY ASM	FLUID TIP & AIR CAP	FLOW RATE (l/ph)															SPRAY COVERAGE				
		Water - 0.7 BarG			Water - 1.5 BarG			Water - 2.0 BarG			Water - 3.0 BarG			Water - 4.0 BarG			Air (BarG)	Water (BarG)	Spray Angle X (deg)	Y (mm)	L (mm)
		Air (BarG)	Water (LPH)	Air (m³h)	Air (BarG)	Water (LPH)	Air (m³h)	Air (BarG)	Water (LPH)	Air (m³h)	Air (BarG)	Water (LPH)	Air (m³h)	Air (BarG)	Water (LPH)	Air (m³h)					
SA-22	FT31 & AC258	0.7	2.5	0.96	1.1	6.4	0.72	1.4	6.4	0.84	2.7	6.2	1.38	3.5	7.8	1.68	-	-	-	-	-
		0.9	1.8	1.14	1.4	5.0	0.9	1.7	5.5	1.02	2.8	5.7	1.5	3.7	7.3	1.74	0.9	0.7	13	300	3.0
		1.0	1.4	1.32	1.7	4.1	1.14	2.0	4.5	1.2	3.0	5.2	1.62	3.9	6.4	1.98	1.7	1.5	13	330	3.0
		-	-	-	1.8	3.4	1.2	2.2	3.4	1.44	3.1	4.7	1.74	4.2	5.5	2.28	2.5	2.0	13	360	3.0
		-	-	-	2.0	3.0	1.38	2.4	3.0	1.56	3.2	4.3	1.86	4.5	4.5	2.58	3.1	3.0	14	390	4.0
		-	-	-	2.1	2.6	1.5	2.5	2.5	1.68	3.4	3.9	1.98	4.6	4.1	2.7	4.5	4.0	15	440	4.0
SA-23B	FT31 & AC271	0.7	2.5	1.14	1.4	5.7	1.62	1.7	6.7	1.74	2.2	9.2	2.04	2.8	11.9	2.34	-	-	-	-	-
		0.9	2.0	1.32	1.5	5.2	1.74	1.8	6.4	1.86	2.5	8.2	2.34	3.1	11.0	2.58	0.9	0.7	12	430	4.0
		1.0	1.6	1.56	1.7	4.8	1.92	2.0	5.9	2.04	2.8	7.2	2.64	3.4	10.1	2.82	1.5	1.5	13	460	4.0
		-	-	-	1.8	4.3	2.1	2.1	5.2	2.22	3.0	6.7	2.82	3.7	9.2	3.12	2.4	2.0	13	480	4.0
		-	-	-	2.0	3.9	2.22	2.2	4.8	2.4	3.1	6.3	2.94	3.9	8.4	3.48	3.0	3.0	13	510	5.0
		-	-	-	2.1	3.4	2.4	2.4	4.3	2.58	3.2	5.9	3.12	4.2	7.6	3.72	3.9	4.0	15	560	5.0
SA-23	FT39 & AC271	0.9	4.8	1.26	1.7	8.4	1.86	2.0	10.7	1.98	2.7	16.5	2.22	3.4	20.0	2.58	-	-	-	-	-
		1.1	4.1	1.62	1.8	7.5	2.1	2.1	9.8	2.22	2.8	15.4	2.28	3.7	18.4	2.82	1.5	0.7	12	480	4.0
		1.4	3.4	1.98	2.0	7.0	2.22	2.4	8.2	2.52	3.1	13.6	2.58	3.9	16.8	3.0	2.5	1.5	13	510	4.0
		1.5	3.1	2.1	2.2	5.7	2.64	2.7	6.8	2.88	3.4	11.8	2.94	4.2	15.2	3.3	3.0	2.0	13	530	5.0
		1.7	3.0	2.34	2.5	4.8	2.94	3.0	5.9	3.3	3.7	10.4	3.3	4.5	13.8	3.6	3.4	3.0	14	560	5.0
		1.8	2.9	2.46	2.8	4.1	3.24	3.2	5.0	3.54	3.9	9.1	3.66	4.8	12.4	3.9	4.2	4.0	15	600	5.0
SA-33B	FT51 & AC2221	1.1	13	4.56	2.2	17.8	6.96	2.8	20	8.16	3.4	32	8.94	4.6	37	11.6	-	-	-	-	-
		1.4	8.9	5.46	2.5	13.1	7.8	3.1	16.3	8.94	3.9	25	10.2	5.3	29.0	13.2	1.7	0.7	18	660	5.0
		1.5	7.2	5.88	2.8	9.5	8.58	3.4	11.9	9.78	4.6	15.9	12.3	5.6	25.0	14.1	2.8	1.5	20	760	6.0
		1.7	5.8	6.3	3.1	7.0	9.42	3.9	7.0	11.2	5.3	9.1	14.4	6.0	21.0	15.0	3.9	2.0	20	810	7.0
		1.8	4.7	6.72	3.4	4.9	10.3	4.2	4.7	12.3	5.6	6.8	15.3	6.3	17.4	16.2	5.3	3.0	21	910	8.0
		2.0	3.6	7.14	3.5	4.2	10.7	4.6	3.0	13.2	6.0	5.0	16.5	6.7	14	17.4	6.0	4.0	21	970	9.0
SA-33	FT71 & AC2221	2.1	2.7	7.62	-	-	-	-	-	-	6.3	3.6	17.4	7	11	18.3	-	-	-	-	-
		0.9	31	3.42	1.4	61.0	4.14	2.1	53.0	5.76	2.7	80.0	6.18	3.8	88.0	8.1	-	-	-	-	-
		1.0	25	3.96	1.5	54.0	4.56	2.4	41.0	6.72	3.0	69.0	7.02	4.2	73.0	9.36	1.0	0.7	17	610	5.0
		1.1	18.5	4.5	1.7	48.0	5.1	2.7	31.0	7.62	3.2	59.0	7.8	4.6	61.0	10.6	1.8	1.5	18	690	6.0
		1.3	12.9	5.1	1.8	41.0	5.58	2.8	26.0	8.16	3.5	49.0	8.76	4.9	48	11.8	2.8	2.0	20	760	7.0
		-	-	-	2.0	35.0	6.12	3.0	22.0	8.64	3.7	44.0	9.24	5.3	39	12.9	3.5	3.0	20	790	7.0
SA-O34C	FT51 & AC2236	-	-	-	2.1	30.0	6.6	-	-	-	3.8	37.0	9.66	5.6	31	14.4	4.9	4.0	21	910	9.0
		-	-	-	2.2	25.0	7.14	-	-	-	3.9	35.0	10.2	6.0	23	15.6	-	-	-	-	-
		1.0	44.0	5.16	1.4	125.0	4.74	2.0	123.0	6.48	2.2	199.0	5.28	3.0	250	5.94	-	-	-	-	-
		1.1	32.0	6.12	1.5	106.0	5.46	2.1	108.0	7.14	2.5	174.0	6.6	3.2	225	7.2	1.0	0.7	19	890	6.0
		-	-	-	1.7	87.0	6.3	2.2	95.0	7.8	2.8	146.0	7.98	3.5	205	8.46	1.7	1.5	20	990	7.0
		-	-	-	1.8	70.0	7.08	2.4	79.0	8.58	3.1	121.0	9.24	3.8	182	9.78	2.4	2.0	21	1040	8.0

Ordering Example

1/4-XD-RP-E-SA33

Available Materials

ENPB, 303ss, 316ss

* Other materials available on request