

# JJX series flange type full cone nozzles (Large capacity)

## DESIGN FEATURES

JJX-SS full cone spray nozzle with uniform spray distribution throughout pattern area.

Flange type connection.

X-shaped whirler enables to enlarge free passage diameter for least clogging.

Newly designed X-shaped whirler enables to shorten the length by 20% as compared with conventional ones.

Standard Pressure:2bar

Structure:One-piece structure with newly designed X-shaped whirler fixed to nozzlebody by lock bolt.

Flanged type connection

Material:SS304,SS316,SIC.

## COMMON APPLICATIONS

- Cooling:Gases,liquid,etc.
- Reactions:Chemical apparatus,etc.
- Spraying:Aeration,sea water desalination,etc.

JJX-Sic. Full cone spray nozzle with uniform spray distribution throughout pattern area.

X-shaped whirler enables to enlarge free passage diameter for least clogging.

Diecast integrating nozzle body and whirler.

Highly wear-resistant and light weight owing to Sic make.

## COMMON APPLICATIONS

- Spraying recirculated water for water granulation,etc.
- Other applications for spraying slurry etc.



JJX-SS

Flange type full cone spray nozzls Large capacity



JJX-Sic.

## PERFORMANCE DATA

Flange size	Capacity size	Capacity (liters per minute)							Mean Drop. Dia.( $\mu$ m)	Free Pass Dia.(mm)	Spray angle		
		0.3bar	0.5bar	1bar	1.5bar	2bar	3bar	5bar			0.5bar	2bar	5bar
4	1500	630	795	1090	1315	1500	1770	2180	1850	29	90°	90°	75°
	2000	840	1060	1460	1755	2000	2360	2910	2250		100°	100°	85°
5	2500	1050	1325	1820	2190	2500	2950	3630	2150	36	90°	90°	75°
	3000	1260	1590	2180	2630	3000	3540	4360	2500		100°	100°	85°
6	3500	1470	1850	2550	3070	3500	4130	5090	2350	44	90°	90°	75°
	4000	1680	2120	2910	3510	4000	4720	5810	}		95°	95°	80°
8	4500	1890	2380	3270	3950	4500	5310	6540	2850	58	100°	100°	85°
	5000	2100	2650	3640	4390	5000	5900	7270	2650		85°	85°	70°
10	6000	2510	3180	4370	5260	6000	7080	8720	}	783	90°	90°	75°
	8000	3350	4240	5820	7020	8000	9440	11600	3450		100°	100°	85°
10	10000	4190	5300	7280	8760	10000	11800	14550	3350	783	95°	95°	80°
	12000	5030	6350	8730	10500	12000	14150	17450	4000		100°	100°	85°

## ORDERING INFORMATION

