

HXQ/HXP series square spray nozzles



DESIGN FEATURES

Square full cone spray with uniform spray distribution throughout pattern area.
 Wide spray angle of 90° or 100° allows to cover large spray area.
 HXQ/HXP Nozzle solves the problem of gaps which occurs full cone spray nozzles are used in multi-nozzle arrangement.
 X-shaped whirler enables to enlarge free passage diameter for least clogging.
 Standard Pressure:2bar

COMMON APPLICATIONS

- Washing:Gases,incinerator fumes,machineries,eliminators,screens,tanks,gravels,stones,sand,etc.
- Cooling:Gases,machineries,tanks,steels,etc.
- Spraying:Waste water treatment,foam breaking,fire protection,fire extinguishing,dust suppression,etc.
- Structure:One-piece structure with X-shape whirler.
- Material:Brass,SS303,SS316,SS316L or others .

Inlet Conn. NPT or BSPT	Type No.		Capacity size	Capacity (liters per minute)										Mean Drop. Diam. (um)	Free pass. Diam. (mm)	Spray angle		
	HXQ	HXP		0.3Bar	0.5Bar	1.0Bar	1.5Bar	2.0Bar	3.0Bar	5.0Bar	7.0Bar	10Bar	0.5bar			2bar	5bar	
1/8	●	●	9020		1.06	1.46	1.75	2.0	2.36	2.91	3.34	3.86	330	1.3	86°	90°	81°	
	●	●	9030		1.59	2.18	2.63	3.0	3.54	4.36	5.0	5.79	380	1.5	86°	90°	81°	
1/4	●	●	9040		2.12	2.91	3.51	4.0	4.72	5.81	6.67	7.72	360	1.5	90°	95°	85°	
	●	●	9550		2.65	3.64	4.38	5.0	5.9	7.27	8.34	9.64	>	1.8	91°	95°	86°	
	●	●	9560	2.51	3.18	4.37	5.26	6.0	7.08	8.72	10	11.6	490	1.8	91°	95°	86°	
3/8	●	●	10070	2.93	3.71	5.09	6.14	7.0	8.26	10.2	11.7	13.5	440	2.0	94°	100°	89°	
	●	●	10080	3.35	4.24	5.82	7.01	8.0	9.44	11.6	13.3	15.4	>	2.0	95°	100°	90°	
	●	●	100100	4.19	5.29	7.28	8.77	10	11.8	14.5	16.7	19.3	>	2.6	96°	100°	91°	
	●	●	100120	5.03	6.35	8.73	10.5	12	14.2	17.4	20	23.1	630	2.6	97°	100°	92°	
1/2	●	●	100160	6.7	8.47	11.6	14	16	18.9	23.3	26.7	30.9	>	2.8	95°	100°	90°	
	●	●	100200	8.36	10.6	14.6	17.5	20	23.6	29.1	33.4	38.6	>	3.5	96°	100°	91°	
3/4	●	●	100300	12.6	15.9	21.8	26.3	30	35.4	43.6	50	57.9	710	4.1	96°	100°	91°	
	●	●	100400	16.8	21.2	29.1	35.1	40	47.2	58.1	66.7	77.2	>	4.4	97°	100°	92°	
1	●	●	1000500	20.9	26.5	36.4	43.8	50	59	72.7	83.4	96.4	750	5.3	95°	100°	90°	
	●	●	100600	25.1	31.8	43.7	52.6	60	70.8	87.2	100	115	>	5.7	96°	100°	91°	
	●	●	100800	35.5	42.4	58.2	70.1	80	94.4	115	135	155	>	6.7	97°	100°	92°	
1-1/2	●	●	1001000	41.9	52.9	72.8	87.7	100	120	145	170	195	1000	7.5	96°	100°	91°	
	●	●	1001500	62.8	79.4	110	130	150	180	220	250	290	>	10.3	97°	100°	92°	
2	●	●	100300	125	160	220	265	300	355	435	500	580	1350	12.7	97°	100°	92°	
2-1/2	●	●	1005000	210	265	365	440	500	590	730	835	965	1500	17.5	97°	100°	92°	
3	●	●	1007000	290	370	510	615	700	826	1020	1170	1350	1700	19	97°	100°	92°	

ORDERING INFORMATION

