

OFF LINE SPRAY

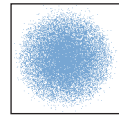
BV/BW series are two-piece nozzles with a 90° elbow coupling that produce a mist spray. Their special design with X-vane breaks the liquid into fine droplets and allows an easy cleaning. They may be supplied with male or female threaded connections. See below table.



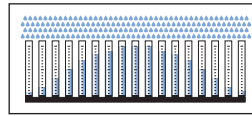
■ Thread specification

Male (BSPT, NPT)

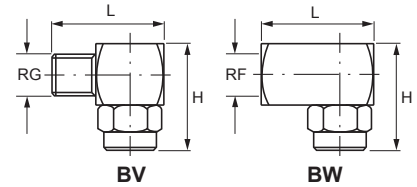
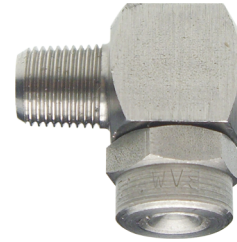
Female (BSP, NPT)



Spray section



Convex distribution



SPRAY ANGLE 60°

	Male	Female	Code	RF RG inch	Capacity at different pressure values (l/min) (bar)						Dimension mm	
					0.5	1.0	2.0	3.0	5.0	10	H	L
60°	•	•	1150 XX	1/8"	0.61	0.87	1.22	1.50	1.94	2.74	24	24.5
	•	•	1220 XX		0.90	1.27	1.80	2.20	2.84	4.02		
	•	•	1260 XX		1.06	1.50	2.12	2.60	3.36	4.75		
	•	•	1290 XX		1.18	1.67	2.37	2.90	3.74	5.29		
	•	•	1370 XX		1.51	2.14	3.02	3.70	4.78	6.76		
	•	•	1450 XX		1.84	2.60	3.67	4.50	5.81	8.22		
	•	•	1480 XX	1/4"	1.96	2.77	3.92	4.80	6.20	8.76	32	32.0
	•	•	1740 XX		3.02	4.27	6.04	7.40	9.55	13.5		
	•	•	1930 XX		3.80	5.37	7.59	9.30	12.0	17.0		
	•	•	1700 XX	3/8"	2.86	4.04	5.72	7.00	9.04	12.8	35	32.5
	•	•	2111 XX		4.53	6.41	9.06	11.1	14.3	20.3		
	•	•	2144 XX		5.88	8.31	11.8	14.4	18.6	26.3		
	•	•	2163 XX		6.65	9.41	13.3	16.3	21.0	29.8		
	•	•	2118 XX	1/2"	4.82	6.81	9.63	11.8	15.2	21.5	50	40.0
	•	•	2185 XX		7.55	10.7	15.1	18.5	23.9	33.8		
	•	•	2240 XX		9.80	13.9	19.6	24.0	31.0	43.8		
	•	•	2300 XX		12.3	17.3	24.5	30.0	38.7	54.8		
	•	•	2360 XX		14.7	20.8	29.4	36.0	46.5	65.7		

SPRAY ANGLE 120°

	Male	Female	Code	RF RG inch	Capacity at different pressure values (l/min) (bar)						Dimension mm	
					0.5	1.0	2.0	3.0	5.0	10	H	L
120°	•	•	1310 XX	1/8"	1.27	1.79	2.53	3.10	4.00	5.66	24	24.5
	•	•	1570 XX		2.33	3.29	4.65	5.70	7.36	10.4		
	•	•	2100 XX	1/4"	4.08	5.77	8.16	10.0	12.9	18.3	32	32.0
	•	•	2144 XX	3/8"	5.88	8.31	11.8	14.4	18.6	26.3	35	32.5
	•	•	2250 XX	1/2"	10.2	14.4	20.4	25.0	32.3	45.6	50	40.0
	•	•	2360 XX		14.7	20.8	29.4	36.0	46.5	65.7		

Typical applications

Washing

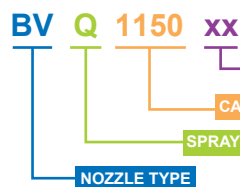
Parts washing
Gas scrubbing
Food washing

Cooling

Parts cooling
Gas cooling
Tank cooling

HOW TO MAKE UP THE
NOZZLE CODE

EX.: BVQ 1150 B1



MATERIAL

- B1 - AISI 303 Stainless steel
- T1 - Brass
- B31 - AISI 316L Stainless steel (optional)

CAPACITY

SPRAY ANGLE

- Q - 60°
- W - 120°

NOZZLE TYPE