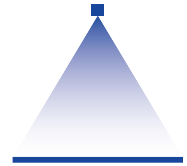


Low pressure tongue-type nozzles

Series 688/689

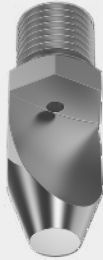


Features:

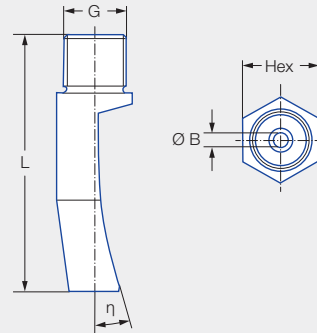
- Narrowly delimited, powerful flat fan spray
- Non-clogging

Applications:

- Cleaning processes
- Washing processes
- Degreasing installations
- Phosphating installations
- Preparation techniques



Series 688/689



Type	Connection	G	Dimensions [in]		Weight [lb]
			L	Hex (mm)	
688.763	BE	3/8 NPT	1.69	19	0.18 (Stainless steel 303)
688.843	BE	3/8 NPT	1.97	19	0.29 (Stainless steel 303)
688.923	BE	3/8 NPT	2.32	22	0.55 (Stainless steel 303)
689.003	BK	3/4 NPT	3.15	32/24	0.68/0.07 (Stainless steel 303/PVDF)

Spray angle	Deflection angle η	Ordering number				Bore diameter B [in]	\dot{V} water [gal/min]					Spray width B [in] (at p = 30 psi)		
		Material number		Connection			p [psi]							
		16	5E				7	15	30	liters per minute 2 bar	75			
		Type	Stainless steel 303	PVDF	3/8 NPT	3/4 NPT								
45°	35°	688.763	●		BE		0.12	1.04	1.52	2.15	8.00	3.40	9	17
	30°	688.843	●		BE		0.15	1.62	2.37	3.36	12.50	5.31	9	17
	29°	688.923	●		BE		0.19	2.60	3.80	5.37	20.00	8.50	9	17
	35°	689.003	●	●		BK	0.24	4.09	5.98	8.46	31.50	13.38	9	17

Conversion formula for this series: $\dot{V}_2 = \dot{V}_1 \cdot \sqrt{\frac{p_2}{p_1}}$

Ordering example: Type 688.763 + Material no. 16 + Code BE = Ordering no. 688.763.16.BE



Assembly accessories can be found in Chapter 12 "Accessories".