

High pressure flat fan nozzles
Series 6FH with spray stabiliser



Features:

- Sharp, uniform flat fan spray
- Extremely narrow spray depth
- Nozzle with spray stabilizer
- Housing: Stainless steel 303,
Insert: Hardened stainless steel 420F,
spray stabiliser: Stainless steel 301

Applications:

- High pressure cleaning

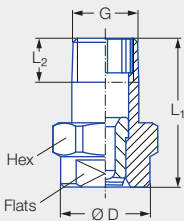
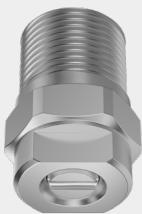


Figure 1

Series 6FH

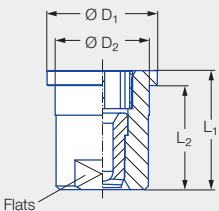


Figure 2

Code	Figure	G	Dimensions [mm]							Weight [g]	P _{max} ¹ [bar]
			L ₁	L ₂	Ø D	Ø D ₁	Ø D ₂	Hex	Flats		
CA	1	1/8 BSPT	22.00	6.50	13.00	–	–	14	10	13.00	approx. 700
BA	1	1/8 NPT	22.00	6.70	13.00	–	–	14	10	13.00	approx. 700
CC	1	1/4 BSPT	22.00	10.00	13.00	–	–	14	10	18.00	approx. 700
BC	1	1/4 NPT	22.00	10.20	13.00	–	–	14	10	18.00	approx. 700
Assembly with retaining nut 3/8 BSPP		–	16.00	14.00	–	14.80	12.65	–	10	13.00	approx. 300

¹ Applies only to operation at constant pressure.

US gal/min at 40 psi	Ordering no.						Equivalent bore diameter A [mm]	V̇ water [l/min]						
	Series	Flow rate code				Mat. no.		p [bar]						
		Spray angle				A3								
		20°	30°	45°	60°	Stainless steel 303/420F/301		40	60	80	100	120	150	200
02	6FH	361	362	363	364	●	1.00	2.88	3.53	4.08	4.56	5.00	5.58	6.45
021	6FH	371	372	373	374	●	1.02	3.03	3.71	4.28	4.79	5.25	5.87	6.77
025	6FH	381	382	383	384	●	1.10	3.60	4.42	5.10	5.70	6.24	6.98	8.06
028	6FH	391	392	393	394	●	1.16	4.04	4.94	5.71	6.38	6.99	7.81	9.02
03	6FH	401	402	403	404	●	1.18	4.32	5.29	6.11	6.83	7.48	8.37	9.66
034	6FH	411	412	413	414	●	1.30	4.90	6.00	6.93	7.75	8.49	9.49	10.96
038	6FH	441	442	443		●	1.33	5.48	6.72	7.75	8.67	9.50	10.62	12.26
04	6FH	451	452	453	454	●	1.35	5.77	7.06	8.16	9.12	9.99	11.17	12.90
043	6FH	461	462			●	1.38	6.20	7.59	8.77	9.80	10.74	12.00	13.86
045	6FH	471	472	473	474	●	1.40	6.49	7.95	9.18	10.26	11.24	12.57	14.51
05	6FH	481	482	483	484	●	1.55	7.21	8.83	10.20	11.40	12.49	13.96	16.12
055	6FH	501	502	503	504	●	1.60	7.93	9.71	11.22	12.54	13.74	15.36	17.73
06	6FH	521	522	523	524	●	1.72	8.65	10.60	12.24	13.68	14.99	16.75	19.35
065	6FH	531	532	533	534	●	1.75	9.37	11.48	13.26	14.82	16.23	18.15	20.96

US gal/min at 40 psi	Ordering no.						Equivalent bore diameter A [mm]	V̇ water [l/min]						
	Series	Flow rate code				Mat. no.								
		Spray angle				A3								
						Stainless steel 303/420F/301		p [bar]						
		20°	30°	45°	60°			40	60	80	100	120	150	200
07	6FH	541	542	543	544	●	1.80	10.09	12.36	14.28	15.96	17.48	19.55	22.57
075	6FH	551	552	553	554	●	1.90	10.81	13.25	15.29	17.10	18.73	20.94	24.18
008	6FH	571	572	573	574	●	2.05	11.54	14.13	16.31	18.24	19.98	22.34	25.80
087	6FH	581	582	583	584	●	2.06	12.54	15.36	17.74	19.83	21.72	24.29	28.04
09	6FH	591	592	593	594	●	2.10	12.98	15.89	18.35	20.52	22.48	25.13	29.02
10	6FH	601	602	603	604	●	2.30	14.41	17.65	20.38	22.79	24.97	27.91	32.23
11	6FH	621*	622*	623*	624*	●	2.40	15.86	19.42	22.42	25.07	27.46	30.70	35.45
125	6FH	641*	642*	643*	644*	●	2.50	18.02	22.07	25.48	28.49	31.21	34.89	40.29
131	6FH	651*	652*	653*	654*	●	2.55	18.89	23.13	26.71	29.86	32.71	36.57	42.23
139	6FH	661*	662*	663*	664*	●	2.65	20.04	24.54	28.34	31.68	34.70	38.80	44.80
15	6FH	671*	672*	673*	674*	●	2.70	21.62	26.48	30.58	34.19	37.45	41.87	48.35
175	6FH	701*	702*	703*	704*	●	3.00	25.23	30.9	35.68	39.89	43.70	48.86	56.41
20	6FH			723*	724*	●	3.05	28.83	35.31	40.78	45.59	49.94	55.84	64.47
25	6FH			763*	764*	●	3.50	36.04	44.14	50.97	56.99	62.43	69.80	80.60
30	6FH			793*		●	3.90	43.25	52.97	61.16	68.38	74.91	83.75	96.70

* Only available with code CC, BC or 29.

Code	Type of connection
CA	1/8 BSPT
BA	1/8 NPT
CC	1/4 BSPT
BC	1/4 NPT
29	Assembly with retaining nut 3/8 BSPP

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



Assembly accessories can be found in Chapter 9 “Accessories”.

Ordering	Series	+	Flow rate code	+	Material no.	+	Code	=	Ordering no.
example:	6FH	+	541	+	A3	+	CA	=	6FH.541.A3.CA