

Monitor Nozzles

Fog Nozzle Model 8005



SAFETY INDUSTRIES

Pty Limited

Description

The Model 8005 fog nozzle is an extremely robust fog nozzle ideal for onshore and offshore applications. It is a single flow fog nozzle that maintains essentially the same flow rate when adjusted from straight stream to wide fog.

Nozzles can be supplied with customised flow rates. The data below is for three of many flow options. The 8005 is a constant flow nozzle with a 63mm BSP female base (80mm optional). This nozzle can be manufactured with flows from 1,000 lpm up to 4,000 lpm at 700 kPa inlet pressure.



Specifications

Length: 160mm

Diameter: 130mm

Weight: 6.8 kg

Seawater applications we recommend using nickel plated gunmetal construction for the longest trouble free service life.

Materials of Construction

LG2 Gunmetal (bronze)

Nickel plated gunmetal

Knurled inlet coupling (lugged coupling optional)

Alternative Construction

Hard anodised aluminium

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Performance Data

This data is for the furthest water drop in approximately still air conditions and with the nozzle mounted on a monitor aimed 25° above horizontal. This is the standard method of rating fog nozzles, however, even a slight cross or head wind will reduce the throw by about 5 meters and an allowance for this should be made when designing systems.

4,000 lpm Stem

		STRAIGHT STREAM	NARROW FOG	WIDE FOG
PRESSURE	FLOW (lpm)	THROW (M)	THROW (M)	THROW (M)
500 kPa	3,381	53	29	13
600 kPa	3,703	57	32	15
700 kPa	4,000	65	34	16
800 kPa	4,276	70	37	18
900 kPa	4,536	73	40	20
1000 kPa	4,781	75	43	21

3,785 lpm (1,000 gpm) Stem

		STRAIGHT STREAM	NARROW FOG	WIDE FOG
PRESSURE	FLOW (lpm)	THROW (M)	THROW (M)	THROW (M)
500 kPa	3275	53	29	13
600 kPa	3590	57	32	15
700 kPa	3785	65	34	16
800 kPa	4140	70	37	18
900 kPa	4390	73	40	20
1000 kPa	4630	75	43	21

3030 lpm (800 gpm) Stem

		STRAIGHT STREAM	NARROW FOG	WIDE FOG
PRESSURE	FLOW (lpm)	THROW (M)	THROW (M)	THROW (M)
500 kPa	2560	52	29	13
600 kPa	2803	55	32	15
700 kPa	3030	63	35	16
800 kPa	3235	68	38	18
900 kPa	3430	73	41	19
1000 kPa	3620	75	43	20

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2800 lpm (750 gpm) Stem

		STRAIGHT STREAM	NARROW FOG	WIDE FOG
PRESSURE	FLOW (lpm)	THROW (M)	THROW (M)	THROW (M)
500 kPa	2390	49	29	13
600 kPa	2620	53	32	15
700 kPa	2830	58	35	16
800 kPa	3025	62	38	18
900 kPa	3210	65	41	19
1000 kPa	3385	68	43	20

Ordering Information (knurled 65mm BSP coupling)

Model	Flow Rate	Part Numbers	
		Gunmetal	Nickel Plated
NF-8005-1	1,000	14543	
NF-8005-2	1,500	15505	
NF-8005-3	1,900	13499	
NF-8005-4	2,000	14641	
NF-8005-5	2,500	13634	
NF-8005-6	2,840	15667	
NF-8005-7	3,000	15622	
NF-8005-8	3,030	13078	
NF-8005-8	3,500	14596	
NF-8005-9	3,785	13528	
NF-8005-10	4,000	14620	

Ordering Information (lugged 65mm BSP coupling)

Model	Flow Rate	Part Numbers	
		Gunmetal	Nickel Plated
NF-8005L-1	1,000		13074
NF-8005L-2	1,500		
NF-8005L-3	1,900		
NF-8005L-4	2,000		13549
NF-8005L-5	2,500		
NF-8005L-6	2,840		14553
NF-8005L-7	3,000		
NF-8005L-8	3,030		
NF-8005L-8	3,500		
NF-8005L-9	3,785		
NF-8005L-10	4,000		13239

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