

HIGH VELOCITY SPRAY NOZZLE

SS316



High Velocity spray nozzles are used for fire risks involving thick, viscous flammable oils, such as transformer oils. The high velocity water spray strikes surface of the leaked transformer oil, forming a nonflammable emulsion. Different flow capacities (K factor) and spray angles available.

Brief Description: AAAG High Velocity Water Spray nozzle, made of Stainless Steel (SS316), with 1/4" male threaded inlet. Nozzle worm shall be of SS304. The nozzle K factors (SI) available include 18, 22, 26, 32, while spray angle can be 75°/80°/90°/100°.

1.0 GENERAL DATA

1.1	Make	AAAG
1.2	Model	HV
1.3	Inlet	1/2" / 3/4" Male threaded (BSP) inlet
1.4	Outlet	Spray nozzle
1.5	Material of Construction	Stainless Steel
1.6	Reference	--

2.0 MATERIAL OF CONSTRUCTION

2.1	Body	SS316 IS:3444 Gr. IV
2.2	Worm	SS316

3.0 TESTING AND QUALITY CONTROL

3.1	Dimensional check	See Drawing below
3.2	Operational test	Flow/Angle as per specified K-factor & spray angle
3.3	Documentation	Internal inspection report, supplier's certificates, approved laboratory test certificates

4.0 OPERATIONAL/ TECHNICAL DATA

4.1	Working pressure	3.5 to 12 Kgf/cm ²
4.2	Weight (Approx.)	0.2 Kgs.

5.0 FINISH

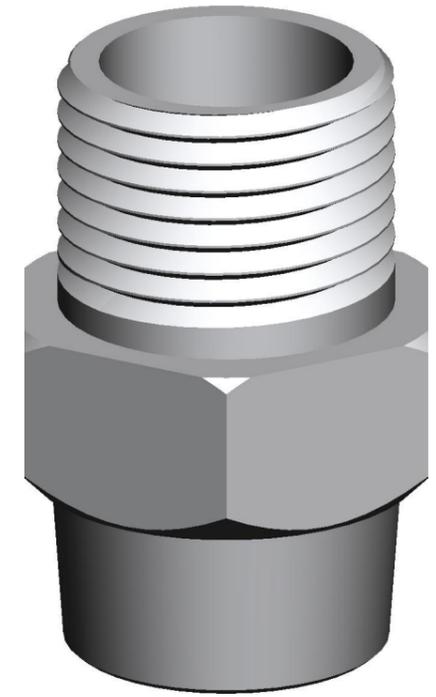
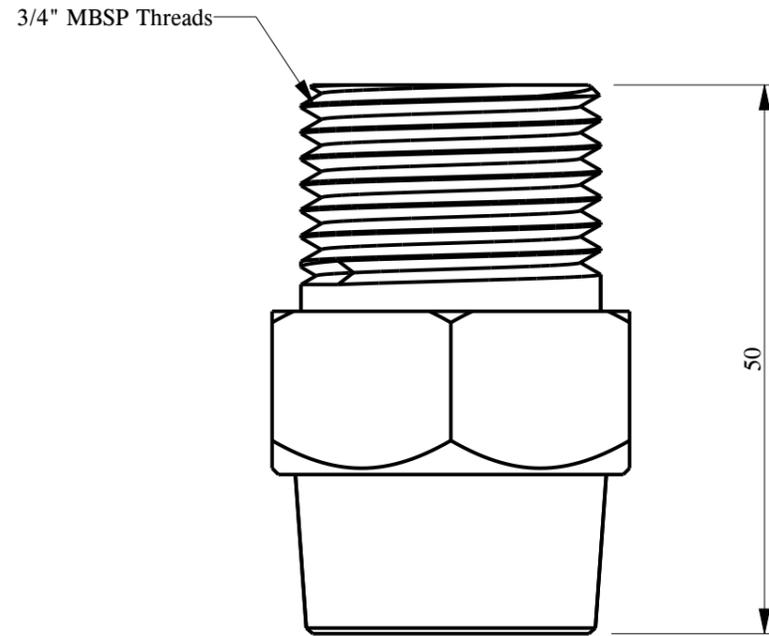
5.1	Nozzle	Natural finish
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6.0 APPROVALS & MARKING

6.1	Approvals	--
6.2	Marking	AAAG/ Year of Mfg./ K-factor/Spray Angle

7.0 WARRANTY

7.1	Warranty & Guarantee	12 Months from the date of supply
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HIGH VELOCITY WATER SPRAY NOZZLE

K-FACTOR	18	22	26	32						
SPRAY ANGLE	75°, 80°, 90°, 100°									
CAPACITY	34 TO 60 LPM @ 3.5 Kg/Cm ²									
MATERIAL	S.S 316 IS:3444 Gr.4									
FINISH	Polished									
WEIGHT	0.2 Kg. Approx									

 Shah Bhogilal Jethalal & Bros. AHMEDABAD			
TITLE : High Velocity Spray Nozzle, SS 316, Conventional Design			
SCALE	DRAWING NO:	SHEET	REV.
N.T.S	SM291B-12BJ	1 OF 1	0