

TRIPLE PURPOSE NOZZLE

SS316, AS PER IS:2871



Triple purpose nozzles are combination nozzles, which give the option of hollow jet, protective spray or complete shut-off. Popular in industrial premises as they give the operator control over the discharge. The discharge can be varied by rotating the outer body, and the flow varies as the discharge changes from spray to jet.

Brief Description: AAAG Triple purpose Nozzle, as per IS:2871, made of Stainless Steel (SS316), with option of projecting water in form of hollow jet or full, protective spray, and shall have facility of complete shut-off. Nozzle shall have 63mm Male Instantaneous Inlet, and discharge outlet shall have rubber ring for protection, and fixed teeth for giving good quality spray. H.P tested to 21 kgf/cm² for 2.5 minutes.

1.0 GENERAL DATA

1.1	Make	AAAG
1.2	Model	Triple purpose Nozzle
1.3	Inlet	63mm Instantaneous Male Inlet
1.4	Outlet	Hollow jet, Spray and Shut Off
1.5	Material of Construction	Stainless Steel
1.6	Reference	IS: 2871

2.0 MATERIAL OF CONSTRUCTION

2.1	Body	IS:3444 Gr. IV (SS316)
2.2	Nozzle	IS:3444 Gr. IV (SS316)
2.3	Diffuser Valve	IS:3444 Gr. IV (SS316)
2.4	Diffuser Nut	IS:3444 Gr. IV (SS316)

3.0 TESTING AND QUALITY CONTROL

3.1	Dimensional check	As per IS:2871 (See drawing below)
3.2	Hydrostatic Pressure Test	21 kgf/cm ² for 2.5minutes
3.3	Performance Requirements	<u>Flow test</u> : Discharge adjustable from wide angle spray to narrow angle spray to hollow jet to complete shut off.
3.4	Documentation	Internal inspection report, supplier's certificates, approved laboratory test certificates

4.0 OPERATIONAL/ TECHNICAL DATA

4.1	Working pressure	5 to 12 Kg/cm ²
4.2	Discharge Pattern	Changeover from wide spray to hollow jet to shut off (clockwise direction) and vice-versa
4.3	Weight (approx.)	2.3 Kgs.

5.0 FINISH

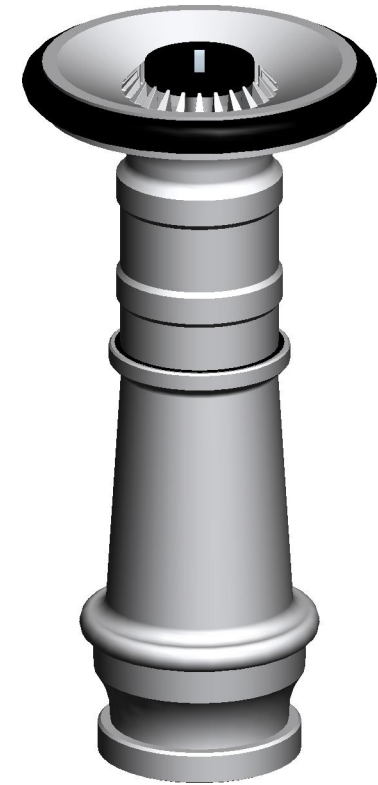
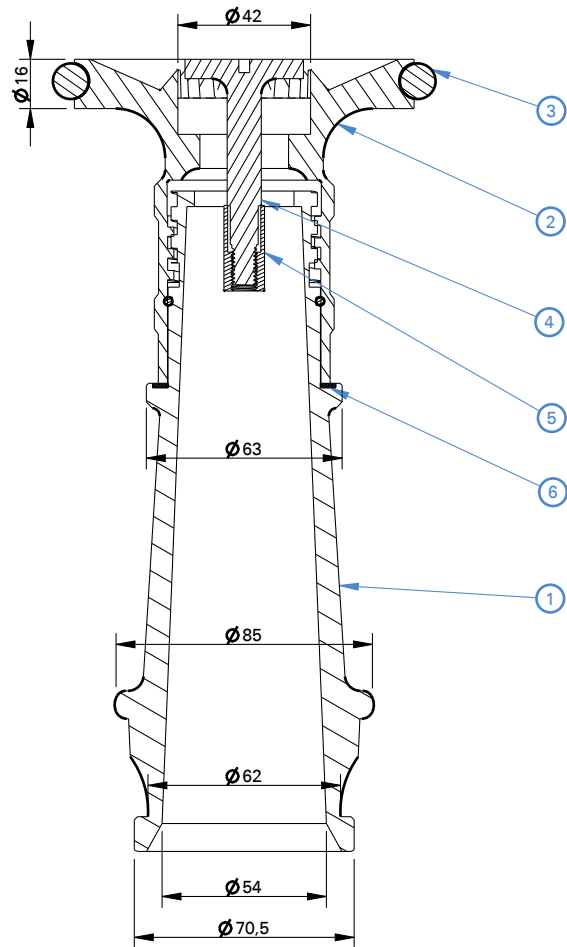
5.1	Nozzle	All parts natural shining finish
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6.0 APPROVALS & MARKING

6.1	Approvals	--
6.2	Marking on Nozzle	AAAG/ Year of Mfg./ Sl. No

7.0 WARRANTY

7.1	Warranty & Guarantee	12 Months from the date of supply
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HYDRAULIC TEST:

BODY : 21 kgf / cm²
 STD : TOL.± 0.5 mm
 OPEN : TOL.± 1mm

1	BODY	S.S 316 (IS:3444 Gr.4)
2	NOZZLE	S.S 316 (IS:3444 Gr.4)
3	O' RING	NATURAL RUBBER
4	DIFFUSER VALVE	S.S 316 (IS:3444 Gr.4)
5	DIFFUSER NUT	S.S 316 (IS:3444 Gr.4)
6	FLATE RING	NATURAL RUBBER
NO.	DESCRIPTION	MATERIAL
PART LIST		



Shah Bhogilal Jethalal & Bros.

AHMEDABAD

TITLE :

Triple Purpose Nozzle, SS 316,
 As Per IS: 2871

SCALE	DRAWING NO:	SHEET	REV.
N.T.S	SM116-63AS	1 OF 1	0