

TRIPLE PURPOSE NOZZLE**GUNMETAL, MMD APPROVED**

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, MMD Approved, made of Gunmetal, 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 | Gun Metal |
| 1.6 | Reference | IS: 2871 |

2.0 MATERIAL OF CONSTRUCTION

| | | |
|-----|----------------|--------------------|
| 2.1 | Body | GM - IS: 318 LTB-2 |
| 2.2 | Nozzle | GM - IS: 318 LTB-2 |
| 2.3 | Diffuser Valve | GM - IS: 318 LTB-2 |
| 2.4 | Diffuser Nut | GM - IS: 318 LTB-2 |

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

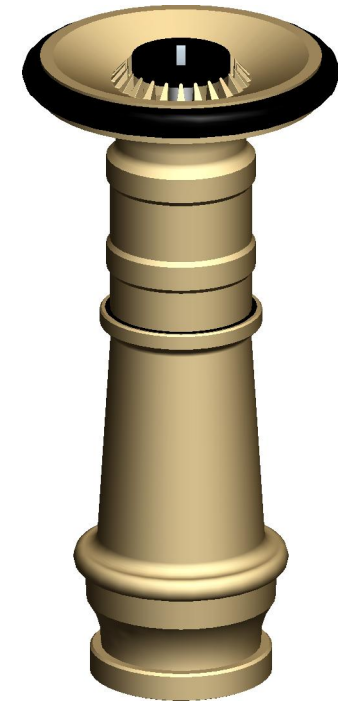
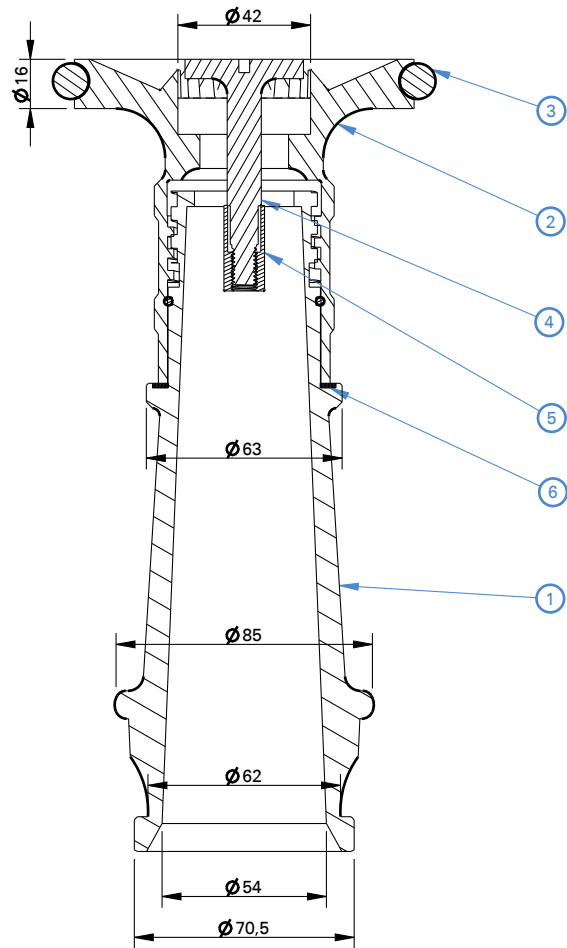
| | | |
|-----|--------|---------------------------|
| 5.1 | Nozzle | All parts chromium plated |
|-----|--------|---------------------------|

6.0 APPROVALS & MARKING

| | | |
|-----|-------------------|----------------------------|
| 6.1 | Approvals | MMD Approved |
| 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 |
|-----|----------------------|-----------------------------------|



HYDRAULIC TEST:

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

| | | |
|------------------|--------------------|-------------------|
| 1 | BODY | G.M IS:318, LTB-2 |
| 2 | NOZZLE | G.M IS:318, LTB-2 |
| 3 | O' RING | NATURAL RUBBER |
| 4 | DIFFUSER VALVE | G.M IS:318, LTB-2 |
| 5 | DIFFUSER NUT | G.M IS:318, LTB-2 |
| 6 | FLATE RING | NATURAL RUBBER |
| NO. | DESCRIPTION | MATERIAL |
| PART LIST | | |



Shah Bhogilal Jethalal & Bros.

AHMEDABAD

TITLE :

Triple Purpose Nozzle, Gunmetal,
MMD Approved

SCALE

N.T.S

DRAWING NO:

G116-63MM

SHEET

1 OF 1

REV.

0