| MACHINING DEVIATIONS FOR LINEAR DIMENSIONS | RANGE | 0 – 6 | 6 – 30 | 30 – 120 | 120 – 315 | 315–1000 | 1000–2000 | 2000–4000 | ABOVE 4000 |
|---|---|---|---|---|---|---|---|---|---|
| | TOLERANCE | ±0.1 | ±0.2 | ±0.3 | ±0.5 | ±0.8 | ±1.2 | ±2 | ±3 |

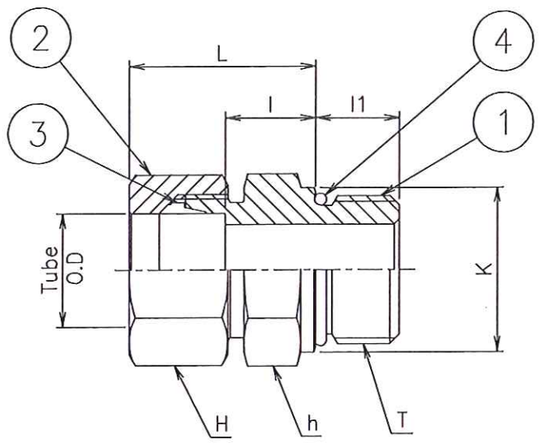
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD–227

UNSPECIFIED TOLERANCE FOR LINEAR AND ANGULAR DIMENSIONS REF. IS 2102 (PT–1) (MEDIUM)

VALUES OF SURFACE TEXTURE SHALL BE AS PER COMPANY STD DS. 1012.C.

QUALITY OF WELD JOINTS REF, RD–230 MEDIUM

PROTO / ~~PILOT~~ / ~~PRODUCTION~~




| PART NO. | TUBE O.D (mm) | WIDTH ACROSS FLAT | | K | L | I | I1 | T G (PF) |
|---|---|---|---|---|---|---|---|---|
| | | H | h | | | | | |
| 909–60212 | 22 | 36 | 32 | 27 | 33 | 16.5 | 14 | 1/2" |

UNCONTROLLED COPY

NOTE

THE STRENGTH AND NO AIR LEAKAGE SHALL BE GUARANTEED UNDER THE CONDITION OF NO. 1 AND 2.

1. TEMPERATURE RANGE : –40 – +80°C
2. OPERATING PRESSURE : MAX. 80 BAR
3. END FITTING SHALL BE OF FLARELESS DOUBLE COMPRESSION TYPE & CONFIRM TO SPECIFICATION: DIN2353 (ISO8434–1)

– SHALL BE APPLIED FOR DIMENSIONS NOT SPECIFIED AT DRAWING

| SL No. | QTY | DRG. / STOCK No. | DESCRIPTION | SIZE | COMPANY.STD/IS.STD | Wt.Kg. |
|---|---|---|---|---|---|---|
| | | DETAIL PARTS | | | MATERIAL | |
| 4 | 1 | | O–RING | | NBR | |
| 3 | 1 | 909–60711 | SLEEVE | | SUS316 | |
| 2 | 1 | | NUT | | SUS316 | |
| 1 | 1 | | BODY | | SUS316 | |

| ALT | CHANGES / ECN No. | DATE | BY | CKD | APP |
|---|---|---|---|---|---|
| 1 | ECN No.90900484 NOTE 3 ADDED | 07.08.2015 | SK | SM | MS |

PRODUCT DMRC 8 CAR

SURFACE TREATMENT

| QTY | NEXT ASSY | MODEL |
|---|---|---|
| | | |

APPROVED

CHECKED

DRAWN

REF DRG EE01835–406

SCALE NTS | SHEET 1 of 1 | Wt (Kg)

BEML LIMITED
R&D, BANGALORE COMPLEX
BANGALORE 560 075

TITLE
MALE CONNECTOR (BSP Paralled) WITH O-RING

DRG No. 909–60212 | ALT 1

A3

| GRADE No. | N1 | N2 | N3 | N4 | N5 | N6 | N7 | N8 | N9 | N10 | N11 | N12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VALUE | 0.025 | 0.05 | 0.1 | 0.2 | 0.4 | 0.8 | 1.6 | 3.2 | 6.3 | 12.5 | 25 | 50 |
| SYMBOL | | | | | | | | | | | | |

SURFACE ROUGHNESS