






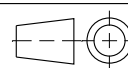
The image contains a technical drawing of a rod end bearing assembly. On the right side, there is an isometric view of the assembly, which consists of a cylindrical rod with a hexagonal end and a bearing housing. On the left side, there is a list of notes under the heading 'NOTES:'. The notes are numbered 1 through 12 and provide specifications for surface finish, marking, dimensions, tolerances, packaging, load capacity, torque, clearance, weight, painting, and material requirements. A warning symbol (a triangle with the number 1 inside) is placed next to note 6.

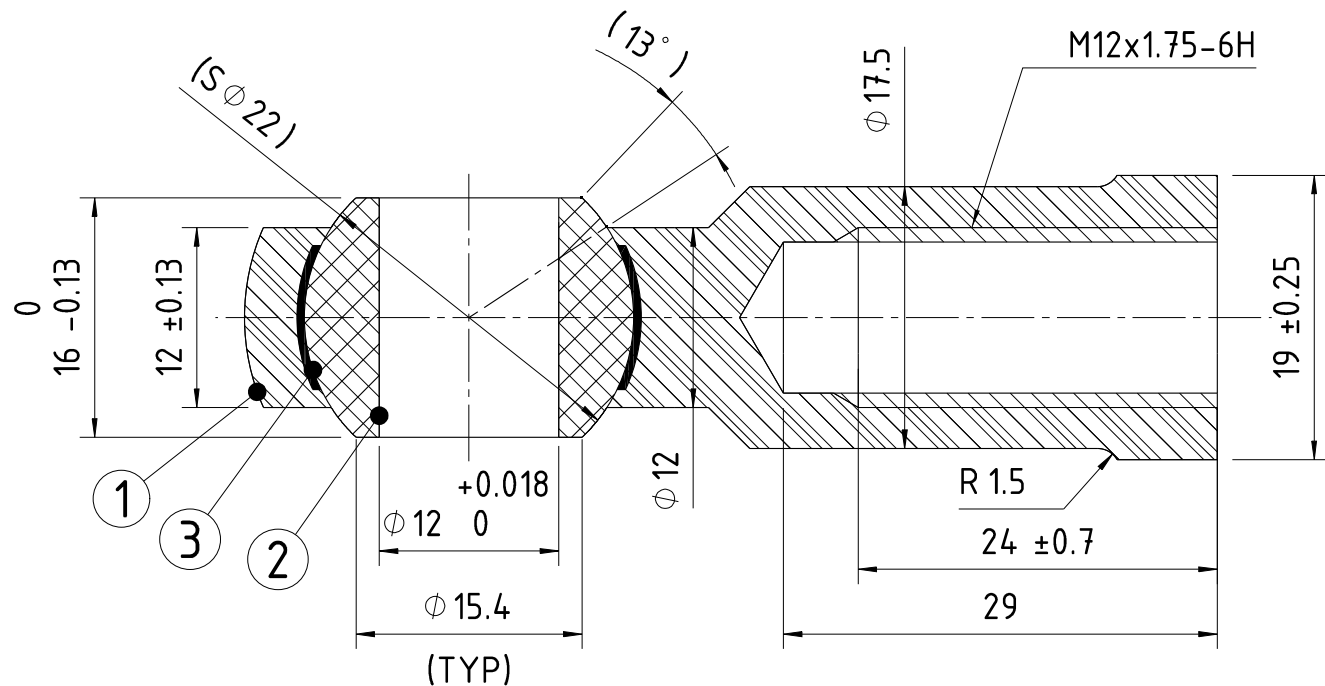
NOTES:

1. SURFACE FINISH : BALL SPH 0.D 0.2 μ Ra,
BALL I.D AND ENDS 0.8 μ Ra,
ALL OTHER MACHINE SURFACES 3.2 μ Ra,
FORGING SURFACE
2. MARKING : MARKED WITH P/N
3. DIMENSIONS ARE IN METRIC. ALL DIMENSIONS SHALL BE MET AFTER PLATING.
4. NO BURRS, NICKS, RUSTS ARE ALLOWED.
5. PACKAGE : BEARING SHALL BE SHIPPED PACKED WITH
LUBE OIL AND PACKAGED IN SEALED POLY BAGS
WITH PROPER PACKING TO AVOID TRANSIT DAMAGE.
6. LOAD CAPACITY : DYNAMIC LOAD 6.52 KN
RADIAL STATIC LIMIT LOAD 18.14 KN
7. NO LOAD RATIONAL BREAKAWAY TORQUE : 0.12 N.m MAX.
8. CLEARANCE : R/P 0.05 mm MAX.
9. APPROX. WEIGHT : 120 g
10. TO BE PAINTED IN ACCORDANCE WITH PAINT SPECIFICATION.
11. SCREW MACHINED SHALL BE DONE ACCORDING TO ISO 261 NORMAL GRADE OR ABOVE.
12. ROD END BEARING IS A STANDARD/CATALOGUE ITEM. THE ITEM SHALL SUFFICE THE ABOVE REQUIREMENTS. VENDOR SHALL TAKE PRIOR APPROVAL FROM BEML BEFORE PROCURING THE ITEM.

ISOMETRIC VIEW



- | 3 | 1 | | | | | MOLD LINER | | | | | | | |
|---|---------------------------------|------------------|--------|----------|---------|---|--|------------------|----------|--------------------------|---|--------------|------------|
| 2 | 1 | | | | | BALL | BEARING STEEL-EN31 WITH HARD CHROME PLATING MIN. 5 μ , HRC 56 MIN. | | | | | | |
| 1 | 1 | | | | | BODY | STEEL-EN8 Zn COATING MIN. 12.5 μ | | | | | | |
| SL.No. | QTY | PART / STOCK No. | | | | DESCRIPTION | SIZE | COMPANY STD./I.S | Wt. (Kg) | | | | |
| | | | | | | | MATERIAL | | | | | | |
|  | | | | | | PRODUCT | MUMBAI METRO CARS L2 & L7 | | | | | | |
| | | | | | | REF DRG | | | | | | | |
|  | | | | | | MATERIAL | - | | | | | | |
| | | | | | | HEAT TREAT. | | APPD | MS | | | | |
| | | | | | | SURFACE TREAT. | | REVD | RSS | | | | |
|  | | | | | | TITLE | | CHKD | VSE | | | | |
| | | | | | | | | DRWN | VSE | | | | |
|  | ECN: 52510183
Note 5 updated | DATE 08-05-2020 | BY VSE | CHKD RSS | APPD MS |  BEML LIMITED
<small>NEW FRONTIERS. NEW DREAMS</small> | | | | SCALE 2:1 |  | SHEET 1 OF 1 | Wt. 0.12kg |
| ALT.NO. | ECN NO/CHANGES | | | | | | | | | DRG No. 525-84108 | | | |



SECTION A-A