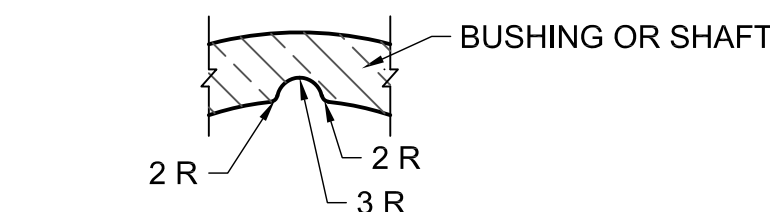


SECTION 1:3

LIVE LOAD BEARING ASSEMBLY - FRONT VIEW

MATERIALS:
LOAD PLATE - ASTM A668/ A668M CL J
ROLLER - ASTM A668 A668M CL K
THRUST WASHER - ASTM B22/ B22M, ALLOY 911
PIN - ASTM A668/ A668M CL L
BRACKET - CSA G40.20/ G40.21 GRADE 350 W
RETAINING PLATE - CSA G40.20/ G40.21 GRADE 350 W

- (1) SEE DRAWING M-01 AND M-02 FOR GENERAL NOTES, FITS AND FINISHES APPLICABLE TO THIS DRAWING.
- (2) PROVIDE STAINLESS STEEL, TYPE 316, ANCHOR BOLTS AS SHOWN. ALL ANCHOR BOLTS CONNECTING BRACKETS TO MASONRY SHALL MEET GENERAL REQUIREMENTS PER DRAWING M-02.
- (3) ADJUST SHIMS AT EACH LIVE LOAD BEARING ASSEMBLY TO ACHIEVE BEARING CONTACT AS PRESCRIBED WITHIN SPECIFICATIONS BETWEEN ROLLER AND LOAD PLATE, WITH THE END LIFTS ENGAGED.
- (4) PROVIDE AN RC6 FIT BETWEEN THE LIVE LOAD PIN AND BUSHING AFTER THE BUSHING HAS BEEN INSTALLED IN THE ROLLER.
- (5) LIVE LOAD ROLLERS SHALL BE INSTALLED IN LIGHT CONTACT WITH THE LOAD PLATES, THE SWING SPAN TEMPORARILY SUPPORTED AT THE CENTER AND ENDS. THE LIGHT CONTACT IS TO ENSURE THAT THE DEAD LOAD OF THE SWING SPAN IS TRANSFERRED THROUGH THE PIVOT BEARING AND END SUPPORT COMPONENTS.
- (6) THE END FACES OF ALL WHEELS, ROLLERS AND CASTORS SHALL BE PAINTED. THE TREADS, THRUST FACES, AND SURFACES IN FIXED, SLIDING OR ROLLING CONTACT SHALL NOT BE PAINTED.



GREASE GROOVE
MACHINE CUT

LIVE LOAD BEARING BUSHING
MATERIALS: ASTM B22/ B22M ALLOY 911
1.6 MICROMETER FINISH
UNLESS OTHERWISE NOTED