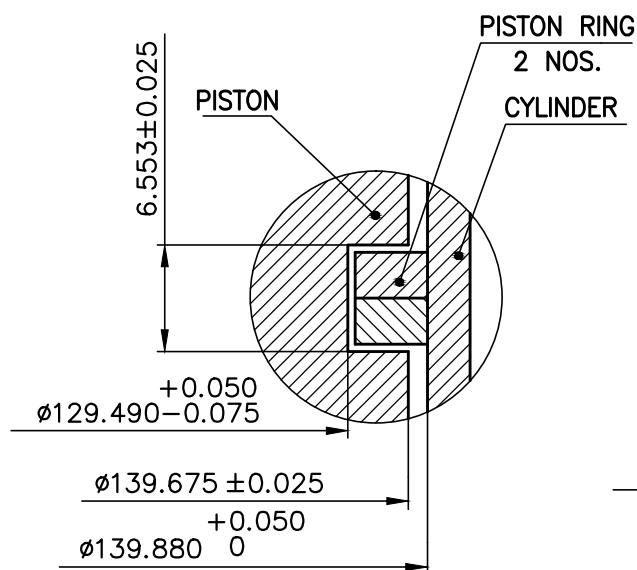
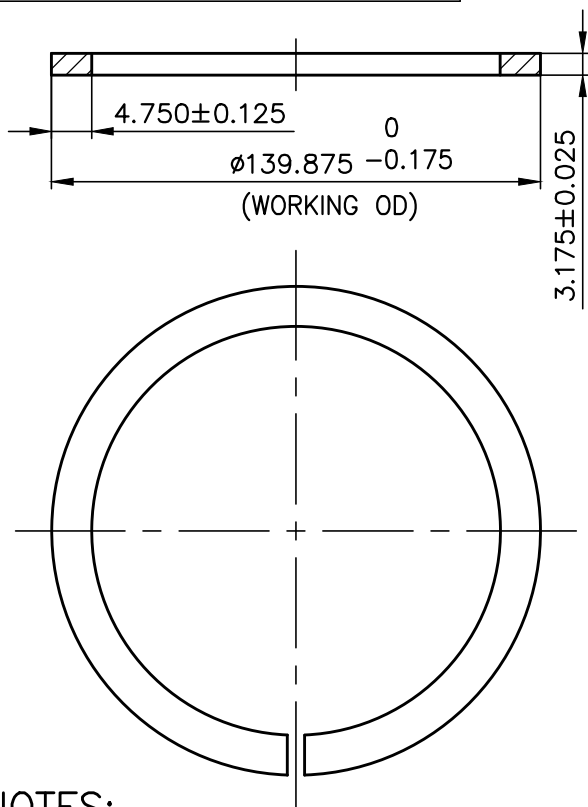


FOR TOLERANCES OF UNTOLERANCED DIMENSIONS

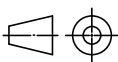
ALL DIMENSIONS ARE IN MILLIMETRES.
DURING MANUFACTURE REFER RELEVANT QCP/QP

REV	DATE	ALTERED	RPJ
01	09.08.14	CHD & APPD	SM & EA
Max.Working Pressure 175 kg/cm ² was 105 kg/cm ² Max.Service Temperature 630°C was 570°C DCP:801790 Dtd.09.08.2014			

**NOTES:**

- 1.MATERIAL AMS 5759 (LATEST LESS STRESS RUPTURE TEST)/
HAYNES 25 OR EQUIVALENT.
- 2.HARDNESS TO BE 40-50 HRC.
- 3.SERVICE CONDITION.
 - a. SIMILAR TO AUTOMOBILE PISTON AND CYLINDER
ARRANGEMENT AS IN DETAIL-A
 - b. SERVICE MEDIUM : SUPERHEATED STEAM.
 - c. MAX.WORKING PRESSURE: 175 Kg/sqcm.
 - d. MAX.SERVICE TEMPERATURE : 630°C

DETAIL-A

		97462230	AMS 5759 RC 40-50 CERTIFY	HARDNESS RC 40-50		0.06			335	
NO OFF	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING No	ITEM No	
 365-122				BHARAT HEAVY ELECTRICALS LTD., UNIT: HIGH PRESSURE BOILER PLANT. TIRUCHIRAPALLI 620014.		DRN	NAME L.RENGASAMY	SIGN	DATE 04.07.03	NO.OF VAR
						CHD	V.PERUMALPILLAI		04.07.03	
						APPD	E.ATHIANNNAVI		04.07.03	
DEPT VL			SCALE	WEIGHT (KG).	REFERENCE INFORMATION					NO. OF ITEMS
CODE 340			N T S	—	DR.DRG.No.:217956/EV634 PART No.:1795603/SL.No.8950					
TITLE PISTON RING					CARD CODE U 01	DRAWING NO. 4-V-7520-10502				REV 01