

REVISIONS			
REV	DESCRIPTION	DATE	BY
A	(1) ADDED NOTE (91096A)	30MR99	TM/PR
B	(1) ADDED NOTE (41028B)	03MY04	MD/MF

Metric Inches

1.01 = 0.04

1.14 = 0.045

1.27 = 0.05

1.4 = 0.055

2.23 = 0.088

2.49 = 0.098

3.4 = 0.134

3.56 = 0.14

2.95 = 0.116

3.3 = 0.13

4.36 = 0.172

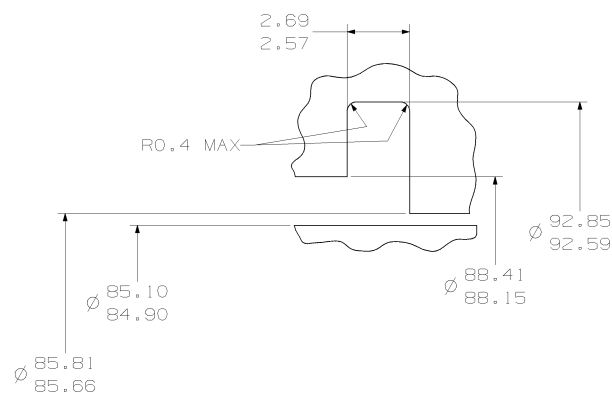
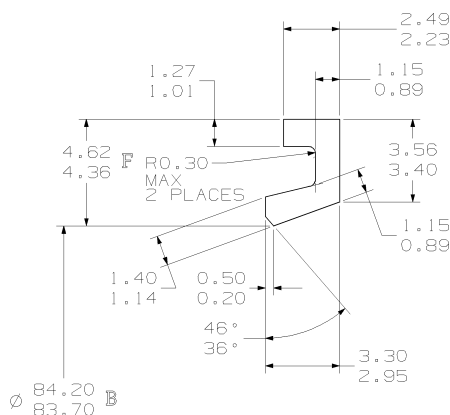
4.62 = 0.182

83.7 = 3.295

84.2 = 3.315

92.85 = 3.656

93.1 = 3.665



OUTER DIAMETER OF SEAL MUST FIT FREELY IN A (B1)
Ø 93.10 GAGE.


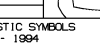
Ø B AND DIMENSION F TO BE MET WHEN OD FULLY (A1)
CONTACTS Ø 92.85

ALL SEAL DIMENSIONS EXCEPT Ø B AND DIMENSION F
ARE FREE STATE DIMENSIONS

RO.25 MAX PERMISSIBLE AT ALL CORNERS

MATERIAL:
TEFLON TMS 25100

MUST BE CLEAN AND FREE FROM BURRS

KEY PRODUCT CHARACTERISTICS BLOCK			
<input checked="" type="checkbox"/> SAFETY/COMPLIANCE	<input checked="" type="checkbox"/> FIT/FUNCTION		
TOTAL ON DRAWING	0		
LAST NUMBER USED	0		
GEOMETRIC CHARACTERISTIC SYMBOLS PER ASME Y14.5M - 1994			
<input checked="" type="checkbox"/> FLATNESS	<input checked="" type="checkbox"/> ANGLE	<input checked="" type="checkbox"/> AT MAX MATL CONDITION	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS
<input checked="" type="checkbox"/> STRAIGHTNESS	<input checked="" type="checkbox"/> CIRCULARITY	<input checked="" type="checkbox"/> ROUNDEDNESS OF FEATURE SIZE	
<input checked="" type="checkbox"/> CIRCULARITY	<input checked="" type="checkbox"/> TOTAL RUNOUT	<input checked="" type="checkbox"/> AT LEAST MATL CONDITION	TOL ON ANGLES ± 2° TOL ON 2 PLACE DECIMALS ± 0.30 TOL ON 1 PLACE DECIMALS ± 0.05
<input checked="" type="checkbox"/> CYLINDRICITY	<input checked="" type="checkbox"/> POSITION	<input checked="" type="checkbox"/> PROJECTED TOL ZONE	
<input checked="" type="checkbox"/> PROFILE OF A LINE	<input checked="" type="checkbox"/> CONCENTRICITY	<input checked="" type="checkbox"/> DATUM TARGET	MATERIAL SEE NOTE
<input checked="" type="checkbox"/> PROFILE OF A SURFACE	<input checked="" type="checkbox"/> BASIC DIM	<input checked="" type="checkbox"/> DATUM TARGET	
<input checked="" type="checkbox"/> PERPENDICULARITY	<input checked="" type="checkbox"/> DIAMETER	<input checked="" type="checkbox"/> DATUM TARGET	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS
<input checked="" type="checkbox"/> PARALLELISM	<input checked="" type="checkbox"/> DATUM FEATURE	<input checked="" type="checkbox"/> BASIC DIM NOT TO SCALE	



SPECIFIED DIMENSIONS HAVE PRECEDENCE
OVER COMPUTER GENERATED DATA

CHANGE RESTRICTED

DRAWING DATE 28AUG97
DRAWN R.L.KINNAIRD
CHECKED J.RASZKOWSKI
APPROVED
METALLURGY
ENGR 1
ENGR 2
ENGR 3 D.HAYSE
ENGR 4 D.MURPHY
ENGR 5 J.RASZKOWSKI
FINAL J.CLEMENS
DOCUMENTATION APPROVAL

METRIC
THIRD ANGLE

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TES 225
TMS 25100
SPEC SUMMARY

ALLISON Transmission
Division of General Motors Corporation
Indianapolis, Indiana

LIP SEAL - INTERNAL, C1

MODEL 1000/2000

SIZE CAGE CODE DWS NO

D 73342 29531293

SCALE 10/1 SHEET

UNIGRAPHICS

DWG NO 29531293

REVIEWED

KODS

REF - CL1221-032, AT112628