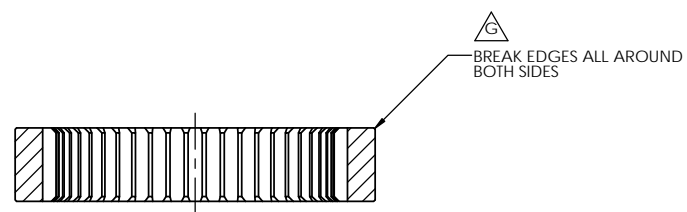


GEAR DATA TABLE	
DIAMETRAL PITCH:	16
PRESSURE ANGLE:	25°
AGMA QUALITY:	N/A
NUMBER OF TEETH:	48
NORMAL PITCH Ø:	3.0000
ADDENDUM MODIFICATION COEFF.	-0.1200
INSIDE Ø:	2.8900
PIN Ø:	0.1050
DISTANCE BETWEEN PINS:	2.8860
ALL GEAR DIMENSIONS AND TOLERANCING PER AGMA 2000-A88	



MATERIAL: AISI 4140HT STEEL
 HEAT TREAT: PRE-HEAT TREAT, 27-32 HRC REF.
 FINISH: PAINT OR POWDERCOAT OSHA YELLOW - MASK INTERNAL GEAR
 MATING PART: ACRADYNE P/N 25353



DOCUMENT CONTROL
 PRINTED COPIES OF THIS DOCUMENT ARE CONSIDERED TO BE UNCONTROLLED DOCUMENTS. HOLDERS ARE RESPONSIBLE FOR VERIFYING THE CURRENT REVISION LEVEL WITH PURCHASING OR ENGINEERING PRIOR TO USE OR FABRICATION. THE CONTROLLED VERSION OF THIS DOCUMENT IS ELECTRONICALLY MAINTAINED.

PROPRIETARY AND CONFIDENTIAL
 THIS DRAWING CONTAINS INFORMATION STRICTLY CONFIDENTIAL TO ACRADYNE/AIMCO. IN THE ABSENCE OF EXPRESSED WRITTEN PERMISSION, ACRADYNE/AIMCO HAS LOANED THIS COPY WITH THE MUTUAL UNDERSTANDING THAT (A) IT WILL NOT BE USED FOR ANY PURPOSE OTHER THAN FOR THAT IN WHICH IT WAS PROVIDED, (B) THE DATA CONTAINED HEREIN WILL NOT BE DISCLOSED TO OTHERS, (C) IT WILL NOT BE REPRODUCED, AND (D) IT WILL BE RETURNED TO ACRADYNE/AIMCO IMMEDIATELY UPON DEMAND.

REVISION LEVEL	REVISION RELEASE DATE	DESCRIPTION OF CHANGES MADE TO PART	ECN #	AUTHOR/ APPROVAL

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES
 DIMENSIONS AND TOLERANCING PER ANSI Y14.5
 SURFACE ROUGHNESS PER ANSI Y14.36

BLOCK TOLERANCING PER DECIMAL:
 .X = ±.030 .XX = ±.010 .XXX = ±.005 .XXXX = ±.0005
 ANGLE = ±0° 30'

REMOVE BURRS AND SHARP EDGES: R.015 MAX
 MACHINE SURFACE FINISH: 125 RMS OR BETTER

DRAWINGS AND TECHNICAL DOCUMENTS CONTROLLED BY:
ACRADYNE MECHANICAL ENGINEERING

REACTION BAR, DOUBLE-ENDED BLANK		
8000 SERIES		
SIZE	PART / DRAWING NUMBER	REVISION
D	25278	G
SCALE 1:1	DO NOT SCALE DRAWING	SHEET 1 OF 1