



SECTION A-A

FILLET ROOT SIDE FIT SPLINE DATA TABLE	
DIAMETRAL PITCH:	20/40
PRESSURE ANGLE:	30°
NUMBER OF TEETH:	51
PITCH Ø:	2.5500
MAJOR Ø:	2.6400
MINOR Ø:	2.5000
PIN Ø:	0.0864
DISTANCE BETWEEN PINS:	2.4309 $\begin{matrix} +.0000 \\ -.0027 \end{matrix}$
DIMENSIONS AND TOLERANCE PER ANSI B92.1	

MATERIAL: AISI 4140HT STEEL

HEAT TREAT: PRE-HEAT TREAT, 27-32 HRC

FINISH: PAINT OR POWDERCOAT OSHA YELLOW - MASK INTERNAL GEAR, SEE NOTES

MATING PART: ACRADYNE P/N 26240



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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

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ACRADYNE MECHANICAL ENGINEERING

**REACTION BAR,
 FLAT DOUBLE END**

7000 SERIES

SIZE B	PART / DRAWING NUMBER 26820	REVISION D
SCALE 1:4	DO NOT SCALE DRAWING	SHEET 1 OF 1