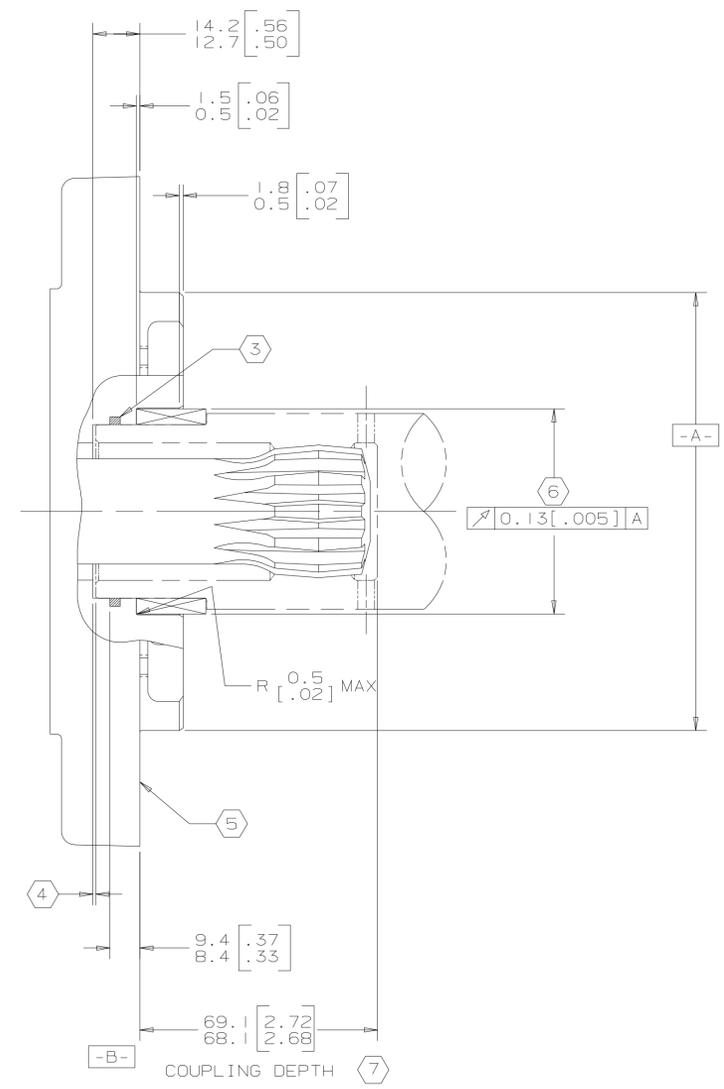
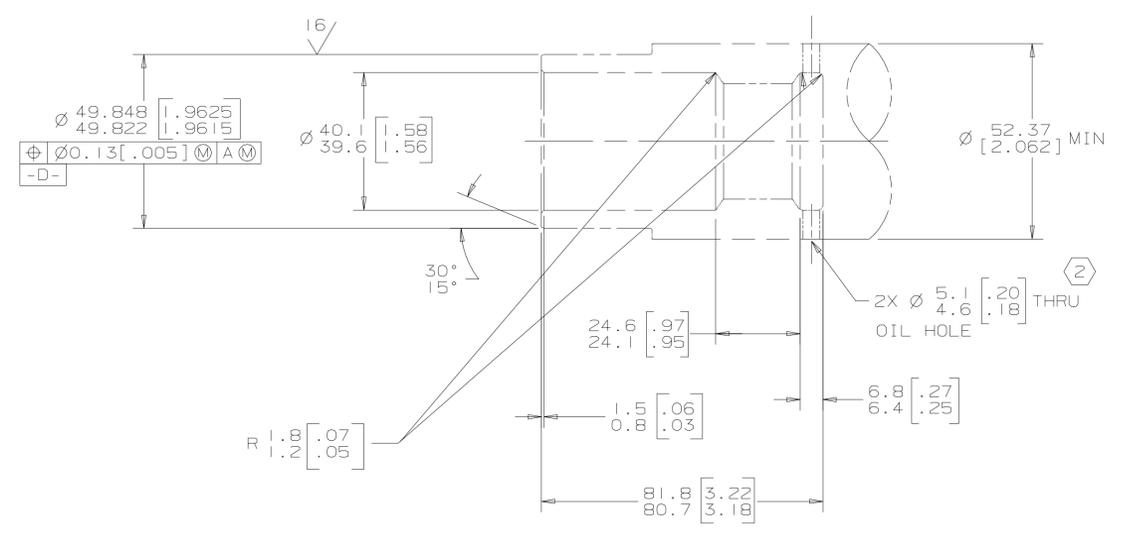
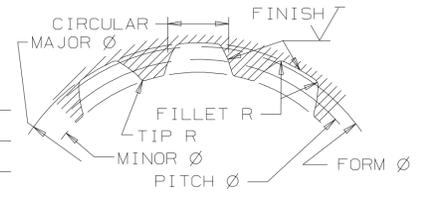


REV	DESCRIPTION	BY	CHK	DATE	ECN
A	ENGINEERING RELEASE	RAF		8-30-95	M14044
B	(5A) ADDED NOTE (7)	AGJ		9-30-03	45274



INTERNAL INVOLUTE SPLINE DATA



SPLINE PITCH 8.5/17
 PRESSURE ANGLE 30°
 NUMBER OF TEETH 12
 CLASS OF FIT (5)
 TYPE OF FIT SIDE
 PITCH DIAMETER (35.858823 [1.4117647]) $\sqrt{0.20 [0.008] D}$
 BASE DIAMETER (31.054652 [1.2226241])
 MAJOR DIAMETER 39.17 [1.542] MAX (38.97 [1.534] MIN)
 MINOR DIAMETER 33.30-33.48 [1.311-1.318]
 FORM DIAMETER MIN 38.33 [1.509]
 FILLET RADIUS 0.64-0.76 [0.025-.030]
 TIP RADIUS 0.25-0.51 [0.010-.020]
 FINISH (63)
 INVOLUTE PROFILE VARIATION +0.000 -0.025 [+0.0000 -.0010]
 TOTAL INDEX VARIATION 0.038 [0.0015]
 LEAD VARIATION 0.013 [0.0005]

CIRCULAR SPACE WIDTH
 MAXIMUM ACTUAL 5.898 [0.2322]
 MINIMUM EFFECTIVE 5.804 [0.2285]
 MAXIMUM EFFECTIVE (5.857 [0.2306])
 MINIMUM ACTUAL (5.834 [0.2297])
 DIMENSION BETWEEN TWO PINS (26.929-27.084 [1.0602-1.0663])
 PIN DIAMETER 6.223 [0.2450] PINS TO HAVE 4.06 [0.160] WIDE
FLAT FOR ROOT CLEARANCE

INSTALLATION INFORMATION

- 1 INTERNAL SPLINE IN MATING PART TO BE PER SPLINE DATA SPECIFICATION MATERIAL TO BE ASTM A304 8620H HEAT TREAT TO HARDNESS 80-64 Rc WITH CASE DEPTH [50 Rc] 0.076 - 1.02 [.030 - .040] DIMENSIONS APPLY AFTER HEAT TREAT
- 2 MATING PART TO HAVE CRITICAL DIMENSIONS AS SHOWN OIL HOLES MUST BE PROVIDED AND OPEN FOR PROPER CIRCULATION
- 3 SEAL IS TO BE FURNISHED WITH MOTOR FOR PROPER OIL CIRCULATION THRU SPLINES
- 4 SOME MEANS OF MAINTAINING CLEARANCE BETWEEN SHAFT AND MOUNTING FLANGE MUST BE PROVIDED
- 5 SIMILAR TO SAE "C" FOUR BOLT FLANGE
- 6 COUNTERBORE DESIGNED TO ADAPT A STANDARD SLEEVE BEARING 50.010-50.038 [1.9689-1.9700] I.D. BY 60.051-60.079 [2.3642-2.3653] O.D.
- 7 52.8 [2.08] MAX DIMENSION TO BE MAINTAINED WHEN ASSEMBLING SHIPPING AND INSTALLING UNIT TO INSURE VALVE DRIVE ENGAGEMENT WITH VALVE.

G K S

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN		DRAWING BASED ON ANSI Y14.5M-1982																	
INCHES <input type="checkbox"/>	MILLIMETERS <input checked="" type="checkbox"/>	THE REPRODUCTION, DISTRIBUTION, AND UTILIZATION OF THIS DOCUMENT, AS WELL AS THE COMMUNICATION OF ITS CONTENTS TO OTHERS WITHOUT EXPLICIT AUTHORIZATION IS PROHIBITED. OFFENDERS WILL BE HELD LIABLE FOR THE PAYMENT OF DAMAGES. ALL RIGHTS RESERVED IN THE EVENT OF THE GRANT OF A PATENT, UTILITY MODEL, OR DESIGN. (PER ISO 16016)																	
TOLERANCES		<table border="1"> <tr> <td>DRWN BY/DATE</td> <td>RAF 9-7-95</td> <td>MATERIAL/HEAT TREAT</td> <td></td> </tr> <tr> <td>CHEK BY/DATE</td> <td>SDR 9-18-95</td> <td></td> <td></td> </tr> <tr> <td>ENGR BY/DATE</td> <td>WCW 9-18-95</td> <td>TITLE</td> <td>6000 SERIES MOTOR COUPLING INSTALLATION</td> </tr> <tr> <td>METALLURGY BY/DATE</td> <td></td> <td>NUMBER</td> <td>A-1023-073</td> </tr> </table>		DRWN BY/DATE	RAF 9-7-95	MATERIAL/HEAT TREAT		CHEK BY/DATE	SDR 9-18-95			ENGR BY/DATE	WCW 9-18-95	TITLE	6000 SERIES MOTOR COUPLING INSTALLATION	METALLURGY BY/DATE		NUMBER	A-1023-073
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UNSPECIFIED DRAFT ANGLES ARE	THIRD ANGLE PROJECTION	MICROINCHES (MICROINCHES)	SCALE 1/1 SHEET 1 OF 1																
DRAWING FORMAT CAD <input checked="" type="checkbox"/> MANUAL <input type="checkbox"/>	DO NOT SCALE	ARITHMETICAL AVERAGE																	