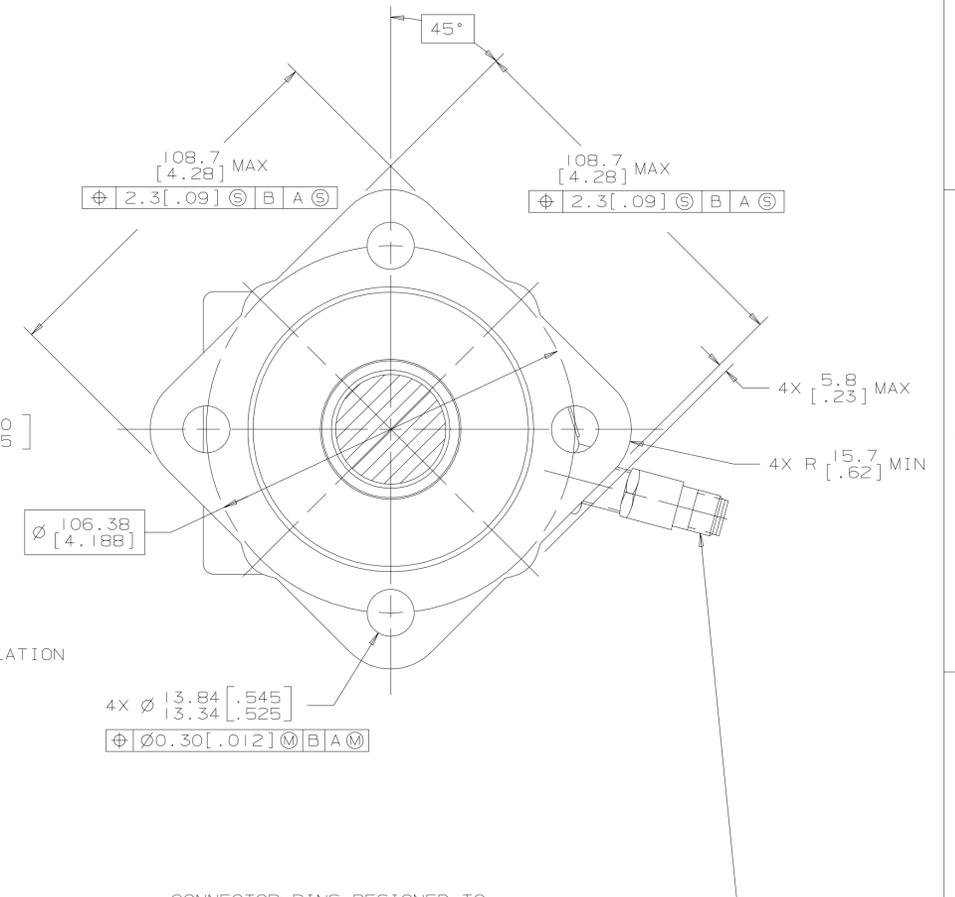
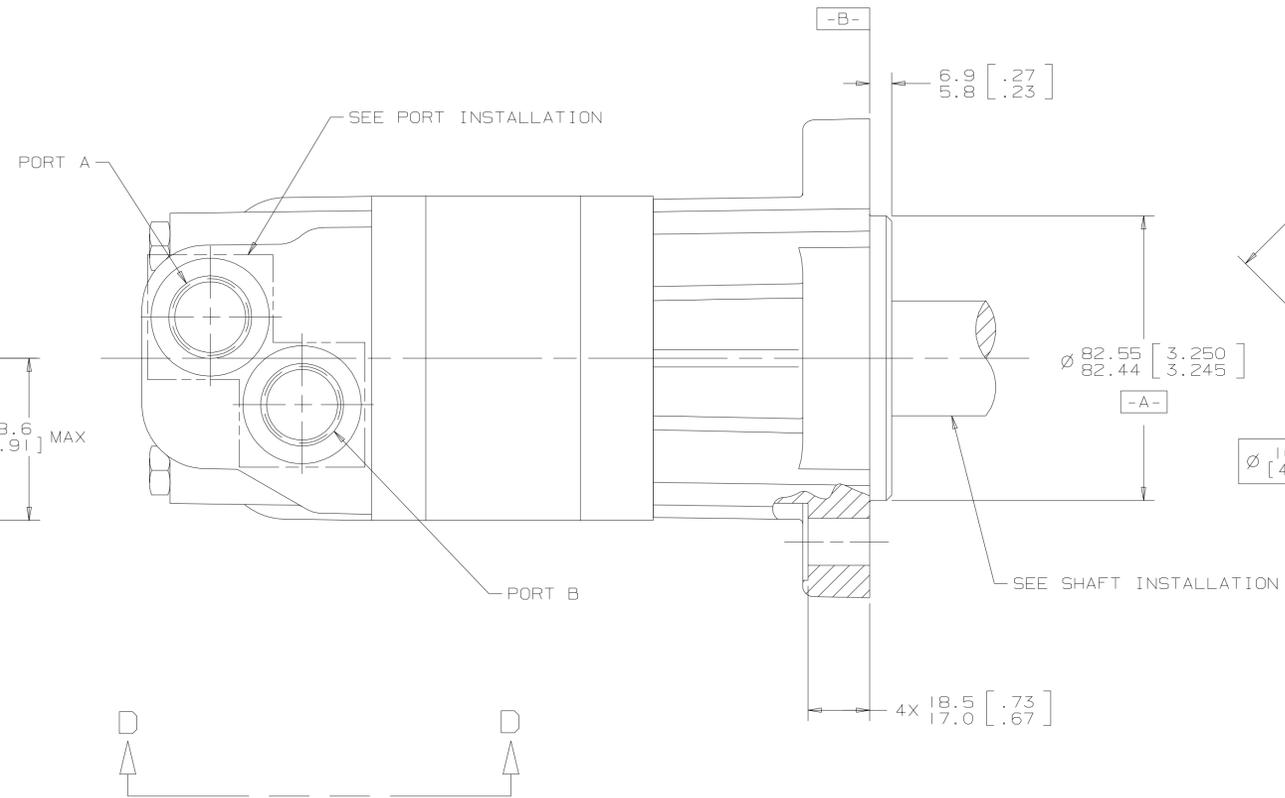
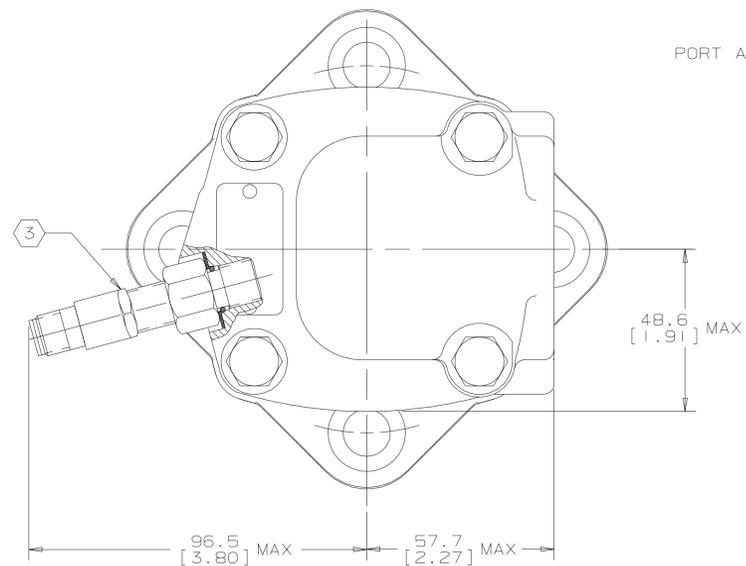
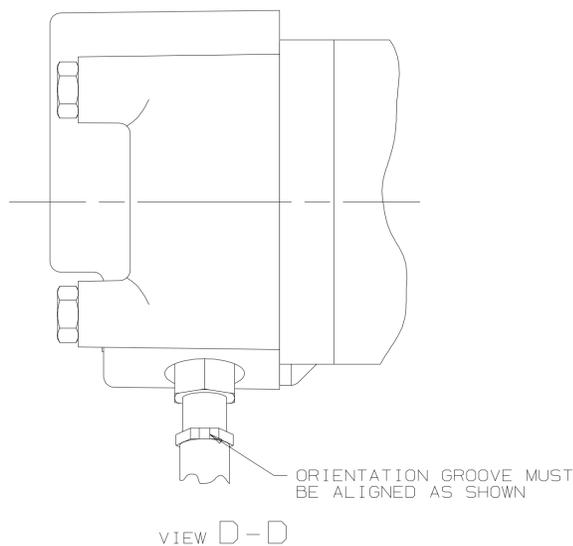


REV	DESCRIPTION	BY	CHK	DATE	ECN
A	ENGINEERING RELEASE	AGJ		9-7-99	M20385B
B	(4A)NOTE 2 WAS MOUNTING TYPE: H	AGJ		5-13-02	41044
C	(3B)4X Ø 13.84/13.34 [.545/.525] WAS 4X Ø 13.72/13.46 [.540/.530]	AGJ		9-30-03	45504



CONNECTOR PINS DESIGNED TO MATE WITH TURK EUROFAST WKCV 4.4T CABLE BRAD HARRISON MICRO-CHANGE SINGLE KEYWAY PLUS LUMBERG "MICRO" STYLE 12 mm DC CONNECTOR  
 PIN 1 = POWER  
 PIN 2 = OUTPUT 1  
 PIN 3 = COMMON  
 PIN 4 = OUTPUT 2



NOTE

1 ROTATION:  
 STANDARD; WHEN FACING SHAFT END OF MOTOR, SHAFT TO ROTATE;  
 CLOCKWISE WHEN PORT "A" IS PRESSURIZED  
 OUTPUT 1 LEADS OUTPUT 2 OR SENSOR DIRECTION OUTPUT GOES LOW  
 COUNTERCLOCKWISE WHEN PORT "B" IS PRESSURIZED  
 OUTPUT 2 LEADS OUTPUT 1 OR SENSOR DIRECTION OUTPUT GOES HIGH

REVERSE; WHEN FACING SHAFT END OF MOTOR, SHAFT TO ROTATE;  
 CLOCKWISE WHEN PORT "B" IS PRESSURIZED  
 OUTPUT 1 LEADS OUTPUT 2 OR SENSOR DIRECTION OUTPUT GOES LOW  
 COUNTERCLOCKWISE WHEN PORT "A" IS PRESSURIZED  
 OUTPUT 2 LEADS OUTPUT 1 OR SENSOR DIRECTION OUTPUT GOES HIGH

2 MOUNTING TYPE: AH  
 STANDARD, 4 BOLT: Ø 82.6 [3.25] PILOT  
 Ø 13.59 [.535] HOLES ON Ø 106.4 [4.19] BOLT CIRCLE

3 NOMINAL SENSOR OUTPUT WILL BE 30 ELECTRICAL PULSE SIGNALS IN QUADRATURE PER SHAFT REVOLUTION  
 SUPPLY VOLTAGE: 8 TO 28 V<sub>dc</sub>  
 OUTPUT VOLTAGE: LOW .5 V<sub>dc</sub> AT 10 mA; HIGH V<sub>s</sub>-1 V<sub>dc</sub>

G S K

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			
.xx +REF	.xxx +ONLY		
DRWN BY/DATE AGJ 9-10-99	CHECKED BY/DATE RAF 9-13-99	MATERIAL/HEAT TREAT	
ENGRD BY/DATE TRF 9-13-99	METALLURGY BY/DATE	TITLE 2000 SERIES MOTOR INSTALL	
UNSPECIFIED DRAFT ANGLES ARE	THIRD ANGLE PROJECTION	MICROINCHES [MICROINCHES]	NUMBER A-669-019
DRAWING FORMAT CAD <input checked="" type="checkbox"/> MANUAL <input type="checkbox"/>	DO NOT SCALE	ARTHEMETICAL AVERAGE	SCALE 1/1 SHEET 1 OF 1