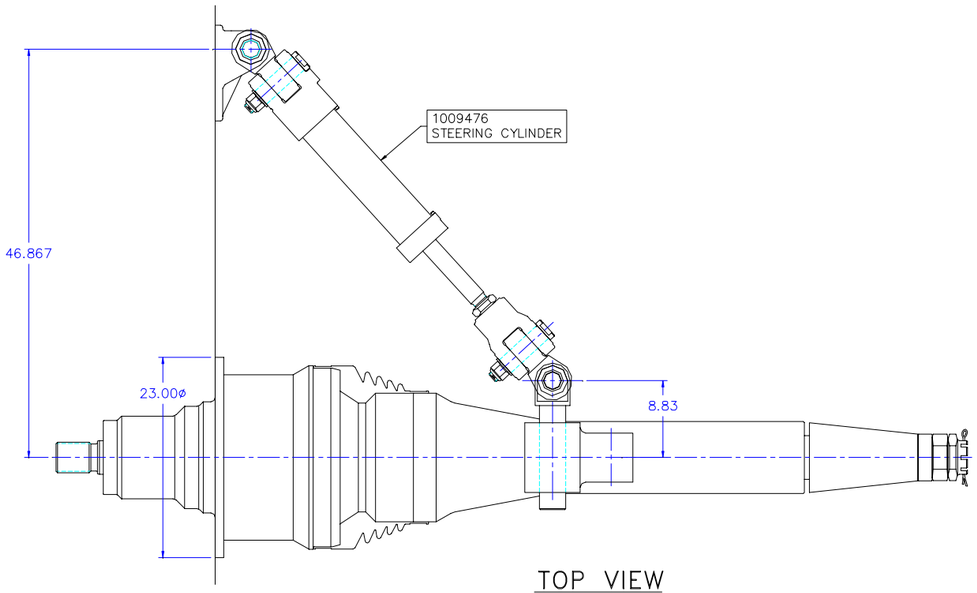
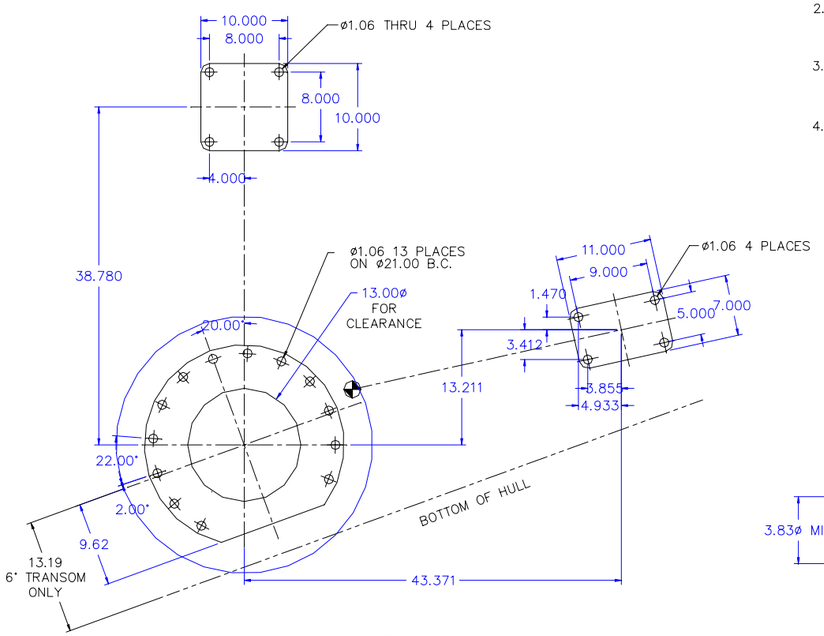
NOTES:

1. THIS DRAWING IS TO BE USED AS A GUIDE ONLY. PLEASE REFER TO THE TWIN DISC INSTALLATION MANUAL FOR INSTALLING THE DRIVE AND CYLINDERS.
2. TRANSOM ANGLE FOR ASD UNITS TO BE 6 DEGREES TO VERTICAL, PLUS OR MINUS 1 DEGREE, AS SHOWN IN THE SIDE VIEW. A MOUNTING WEDGE IS REQUIRED FOR TRANSOM ANGLES OTHER THAN 6 DEGREES.
3. BACKING PLATES OF SAME APPROXIMATE DIMENSIONS AS SHOWN FOR EQUIPMENT FOOTPRINT ARE SUPPLIED. ADEQUATE CLEARANCE INSIDE VESSEL TRANSOM SHOULD BE PROVIDED.
4. DRILL ALL HOLES PERPENDICULAR TO TRANSOM.

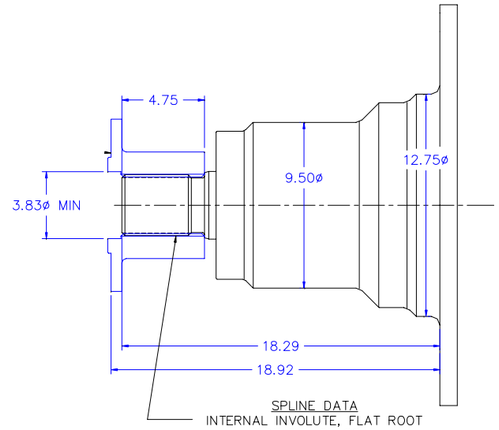


TOP VIEW



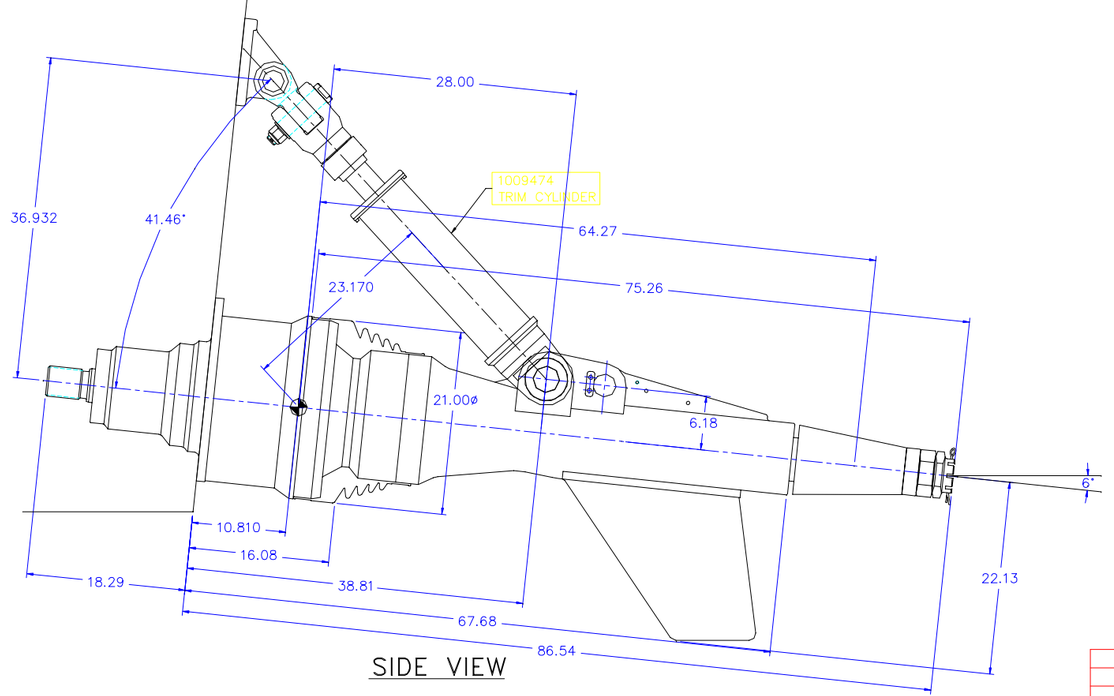
END VIEW

(DIMENSIONS ARE PARALLEL WITH TRANSOM)

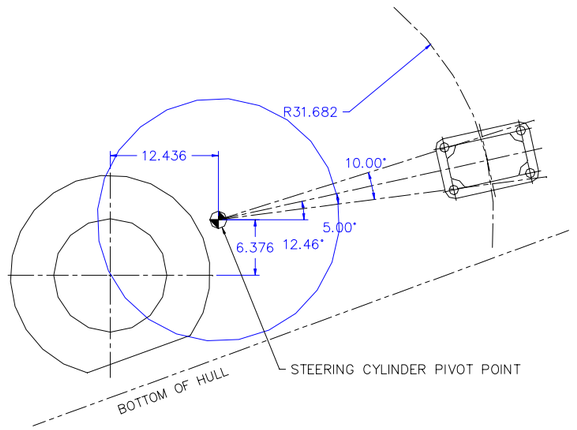


SPLINE DATA
INTERNAL INVOLUTE, FLAT ROOT
SIDE FIT, CLASS 5
NO OF TEETH ---------- 27
SPLINE PITCH ---------- 8/16
PRESSURE ANGLE ------- 30°
BASE DIA. ---------- 2.9228
PITCH DIA. ---------- 3.375
MAJOR DIA. ---------- 3.548
FORM DIA. ---------- 3.507
MINOR DIA. ---------- 3.250
CIRCULAR SPACE WIDTH
MAX ACTUAL ---------- .1963
MIN EFFECTIVE ---------- .1998

INPUT SHAFT DETAIL



SIDE VIEW



OPTIONAL RANGE FOR STEERING CYLINDER LOCATION

THIRD ANGLE PROJECTION

REV	ZONE	CH. NO.	DATE	REV	ZONE	CH. NO.	DATE

SIMILAR TO

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MATERIAL

HEAT TREAT

SURFACE TREATMENT

WEIGHT LBS. | WR² LBS. IN²

FIRST USE
ASSY. ASD 16
MODEL

UNLESS OTHERWISE SPECIFIED
MACHINED DIMENSIONS
X.X ± 0.030
X.XX ± 0.010
X.XXX ± 0.005
ALL ANGULAR TOLERANCES ±1°
GEOMETRIC TOLERANCING PER ANSI Y14.5M 1982

NAME: INSTALLATION

DATE: 2/27/95
SCALE: 1:8
DRN. J. KJAER
CHK. GAM
APPD. GAM

TWIN DISC INCORPORATED
RACINE, WI 53403 – USA

1011039

SHEET 1 OF 1 | REV