



INSTALLATION TIPS:

- 1). VERY IMPORTANT, ENSURE **90°** RELATIONSHIP ARE MAINTAINED WITH RUDDER IN MID-SHIPS POSITION
- 2). ENSURE RUDDER FEEDBACK ARM AND RUDDER STOCK CLAMP SWING EQUALLY EACH SIDE OF MID-SHIPS
- 3). LOCATE 7168 RUDDER FEED BACK UNIT NEAR RUDDER STOCK ON A LEVEL SURFACE
- 4). THREADED CONNECTION ROD MAY NEED TO BE LENGTHEN IN ORDER TO ACHIEVE THE CORRECT MOUNTING GEOMETRY.
- 5). ALSO SEE 7163-FAK ADAPTOR KIT
- 6). DIMENSIONS INCHES [MM] SUBJECT TO VARIATION
- 7). REFER TO CABLING DIAGRAM FOR ELECTRICAL CONNECTIONS

RUDDER STOCK CLAMP R (INCH)	STEERING GEAR HARD OVER STOPS	
	ANGLE (DEG.)	RATIO
4.3	35	1.09
4.1	37	1.04
3.9	40	1.00
3.7	42	0.94
3.5	45	0.90
3.4	47	0.86

R = RF ARM X RATIO

CONTRACT MATERIAL		KOBELT MANUFACTURING CO. LTD.	
DIMENSIONS IN INCHES	OWN	BY / NO / YR	TITLE
ANGULAR X" ±0.5°	L.Z.	02/01/14	INSTALLATION FOR
LINEAR X.X ±0.03	CHK	S.E.	02/01/14
X.XX ±0.000	SCALE	SHEET	DRAWING NO
X.XXX ±0.005	N/A	1 / 1	D7168-INSTALL
FRACTIONS 31/32	REV		A
ALL MACHINED SURFACES UNLESS OTHERWISE SPECIFIED			