



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 7174 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
9.04	35	1.16
8.62	37	1.11
8.07	40	1.04
7.75	42	1.0
7.33	45	0.95
7.09	47	0.91

R = RF ARM X RATIO

CONTRACT		MATERIAL		KOBELT MANUFACTURING CO. LTD.	
DIMENSIONS IN INCHES		BYN	BY (MO)	YR	TITLE
ANGULAR	" ±0.5°	L.Z.	17	12	13
LINEAR	XX ±0.03 XXX ±0.000 XXXX ±0.005	CSK	S.E.	17	12
FRACTIONS 1/32		SCALE	SHEET	DRAWING NO	REV
✓ ALL MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		N/A	1/1	D7174-INSTALL	A