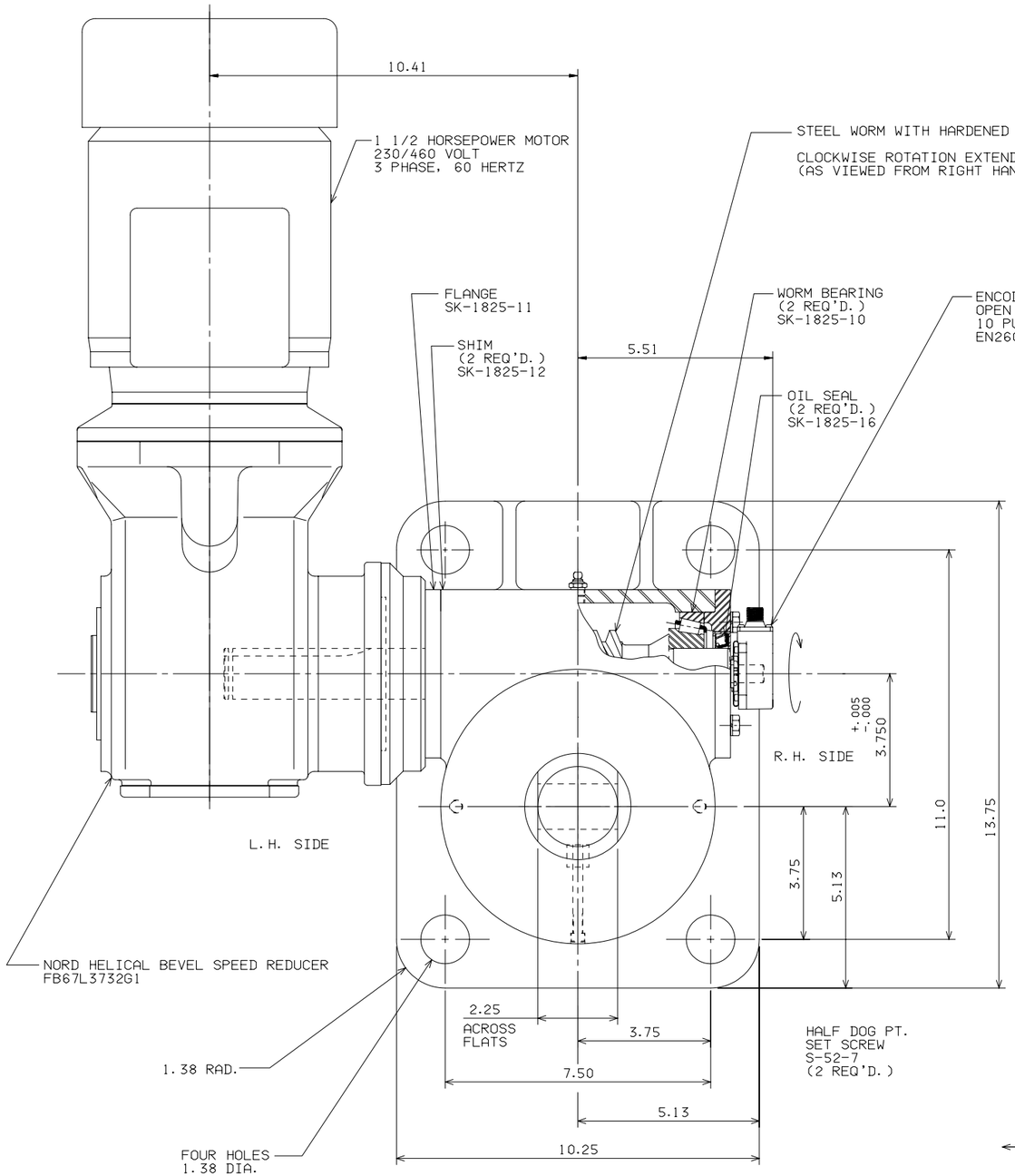
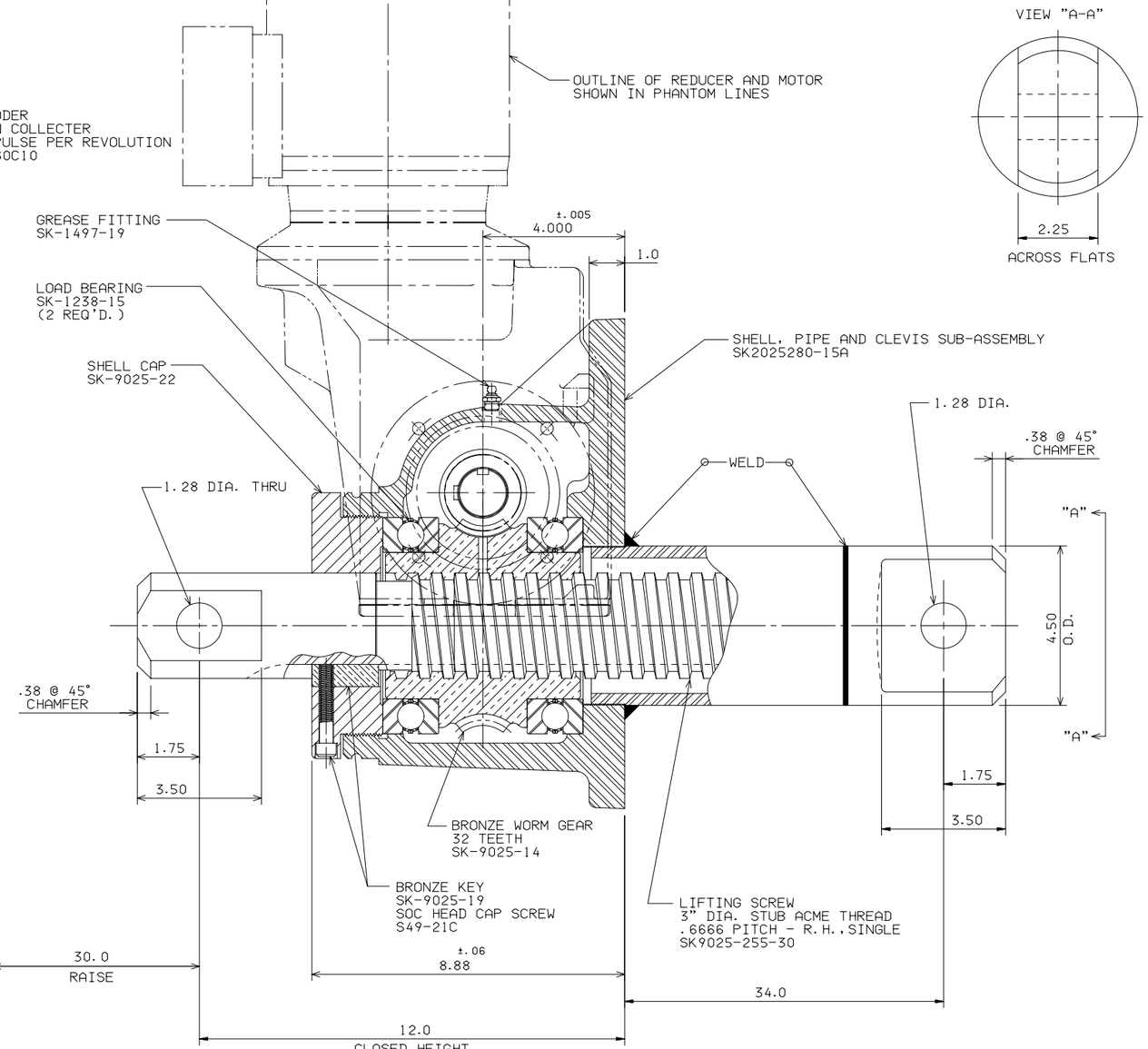


NOTES:

1) MAXIMUM PERMISSIBLE BENDING MOMENT ON EXTENDED LIFTING SCREW EQUALS 41,000 IN./LBS. WHEN JACK IS LOADED TO RATED CAPACITY.
2) LIFTING SCREW IS KEYED, WILL NOT ROTATE.
3) CLEVIS PINS TO HAVE 100,000 PSI MINIMUM YIELD STRENGTH



JACK IS RATED AT 25 TONS

NAME PLATE MARK	ACTUATOR GEAR RATIO	REDUCER GEAR RATIO	LIFTING SPEED
M-10025-173	32:1	37.32:1	APPROX. 1" PER MINUTE

ECO	REV	NOTE CHANGE	DATE	BY
101240	—	INITIAL RELEASE	4-25-07	TJ

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TOLERANCE ON MACHINED DIMENSIONS (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS	.X	.XX	.XXX	.XXXX
DECIMAL DIM.	±.020	±.010	±.005	±.001

SURFACE ROUGHNESS 150 MICRO INCH WHEN FINISH IS SHOWN BY SYMBOL √

ANGLES ±1/2° INSIDE CORNER RADIUS .03 BREAK SHARP CORNERS .02

DUFF-NORTON
CHARLOTTE, NORTH CAROLINA

25 TON UPRIGHT WORM GEAR JACK

MATERIAL	DOUBLE CLEVIS END AND KEYED MODEL		
STOCK SIZE		DRN. TJ	CHK. TJ APPD.
PATT. NO.		DATE 4-25-07	SCALE HALF
HEAT TREAT		SK-10025-R-69	

SK-10025-R-69