

PART NO.	LIST OF PART
001	SHELL
002	MANHOLE COVER
003	MANHOLE CRAB
004	BOLTS FOR MANHOLE CRAB
010	HEAD TO FLANGE BOLTS
011	HEAD, FLANGE / GEAR BOLTS
025	GEAR GUARD
027	INSPECTION DOOR
029	OILING PINION INSPECTION DOOR
030	OIL FILLING PLUG.
031	OIL LEVEL PLUG
031	OIL DRAIN PLUG
040	GEAR GUARD FELT SEAL RING
051	MILL RING GEAR IN HALVES
052	RING GEAR JOINT BOLTS
111	MAIN BEARING SOLE PLATE (WITHOUT CONN.)
112	MAIN BEARING SOLE PLATE (WITH CONN.)

NOTE: MATERIAL SHOWN ABOVE IS NOT FURNISHED BY "A.C. MFG. CO." UNLESS SPECIFICALLY ORDERED. "Q" NO SHOWN APPLY ONLY WHEN THIS MATERIAL IS FURNISHED BY A.C. MFG. CO.

FOR GEN. DRG. / LIST OF PARTS
OF PINION SHAFT / ANTI-FRICTION
DRG. SEE DRG. 07-248-706.
FOR MOUNTING / OPERATING
INSTRUCTIONS OF S.K.F. DRG.
SEE DRG. 07-144-777.

2.625" $\pm .000$ DIA. 2" $\times \frac{3}{4}$ " K.S.-10" LG.
BOTH ENDS OF PINION SHAFT

NOTE:
— FOR INSTALLATION OF
DRIVE SEE SEPARATE
DEG.

4-1/2" HOLES (DRILL). DRILL
THRU BKG. BASE & SOLE PL.
AT FIELD ASSEMBLY. REAM
FOR #4 MORSE TAPER
DOWEL STYLE "B" 6" LG.
FURNISHED BY A.C.MFG. CO.

WHEN ORDERING REPAIR PARTS
SPECIFY PART NO., DEG. NO. / SALE NO.

SAFETY GUARDS TO CONFORM TO STATE REQUIREMENTS TO BE PROVIDED BY PURCHASER.
ALL WEDGES & SHIMS USED IN LEVELING & ALIGNING MUST BE REMOVED WHEN GROUTING IS SET.

FOOTING MUST EXTEND DOWN TO BEDROCK, HARD PAN OR GOOD BEARING SOIL / MUST BE SUFFICIENTLY LARGE IN AREA AT BASE LINE TO PREVENT VIBRATIONS. PIERS MUST BE PROPERLY REINFORCED / ANCHORED TO FOOTING.

USE HIGH GRADE CONCRETE. CORED BOLT HOLES TO BE FILLED WITH GROUTING. FOR TYPICAL ARRANGEMENT OF REINFORCEMENT IN FOUNDATION SEE 07-416-667. INCREASE LOADS 100% WHEN DESIGNING PIERS & FOOTING.

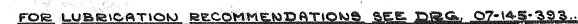
PAINT FOUNDATION WITH OIL RESISTING PAINT.
PROPER FLOOR DRAINS SHOULD BE PROVIDED BY CUSTOMER
IF WATER SPRAYS ARE NECESSARY FOR COOLING MILL SHELL.

DIMENSION SHOWN BETWEEN ϕ OF MILL & BASE LINE MAY BE CHANGED TO SUIT PLANT LAYOUT. MINIMUM DIMENSION GIVEN TO REMOVE GEAR GUARD SEGMENT

WEIGHT OF PINIONSHAFT ASSEMBLY----	4,100 LB.
WEIGHT OF MILL WITH SHELL LINERS----	182,000 LB.
WEIGHT OF BALL CHARGE-----	121,000 LB.
WEIGHT OF PULP-----	16,000 LB.
TOTAL-----	333,100 LB.

ALL WEIGHTS APPROXIMATE.

WHEN POURING GROUT UNDER
SOLE PLATE, ALSO BRING UP
AROUND SIDES & ENDS AS SHOWN.



DRG. LIST 07-014-622

10^{ET} x 15^{ET} BALL MILL
FOUNDATION OUTLINE
GENERAL DRG. & LIST OF PARTS
DRY GRINDING, GEAR ON
DISCHARGE END. R.H.
CLOCKWISE ROTATION

ALLEN CHAINING MFG. CO. MILWAUKEE, WIS. U.S.A.
C.C.M.
DRAWN DATE TRACES DATES
CHECKED BY DATE 6/23/59 BY GAV DATES 6/23/59
ORDER NO. 07345859 SCALE 1/2

07-546-216

17.546-216 23