



ITEM NO.	QTY.	RECD.	DESCRIPTION	DWG. NO. OR PART NO.	NOTES
①	1		HEAD - GEAR END	07-448-868-003	12,800 LBS.
②	1		HEAD - OPPOSITE GEAR END	07-448-868-002	12,800 LBS.
③	1		SHELL - WELDING AND MACHINING	80-452-636	20,900 LBS.
④	1		GEAR - SPUR (HALVES)	07-444-897 & 80-393-757	14,500 LBS.
⑤	56		HEX HD BOLT 1 1/2" - 8 UN x 7.5" LG.		ASTM A193 GR87
⑥	96		HVY. HEX. NUT 1 1/2" - 8 UN	A04-090662	ASTM A194 GR2H
⑦	40		HEX HD BOLT 1 1/2" - 8 UN x 10.0" LG.		ASTM A193 GR87
⑧	8		1 1/2" - 8 UN STUD BOL. x 12.0" LG.		AISI 4140
⑨	16		1 1/2" - 8 UN HVY. S.F. HEX NUT		ASTM 563 GR.C
⑩	16		1 1/2" - 8 UN HVY. S.F. HEX JAM NUT		ASTM 563 GR.C
⑪	14		10" - 8 NC x 2.5" LG. OVAL PT. SETSC.		STL.
⑫	4		JOINT DOWELS		STL.

- NOTES:**
- FOR INSTALLATION OF GEAR REFER TO "INSTALLATION AND MAINTENANCE" MANUAL FOR ROTARY GRINDING MILLS.
  - ITEMS ⑤ & ⑦ TO BE TORQUED TO 2500 FT/LBS. (TORQUE VALUES SHOWN FOR BOLTS LUBRICATED WITH LIGHT WEIGHT OIL)
  - ALL HEAD AND SHELL JOINTS TO BE CLEAN, DRY AND HAVE NO MARRED SURFACES. DO NOT APPLY ANY COATING OR SEALANT DURING INSTALLATION.

DIMENSIONAL TOLERANCE UNLESS OTHERWISE NOTED. ACCUMULATIVE NOT PERMISSIBLE. ALL OTHER DIMENSIONS ARE NOMINAL DIMENSIONS.	
FABRICATION AND CASTING DIMENSIONS	MACHINING DIMENSIONS
ALL DIMENSIONS IN INCHES	ALL DIMENSIONS IN INCHES
1 PLACE - +.25"	1 PLACE - +.00"
2 PLACES - +.12"	2 PLACES - +.00"
3 PLACES - +.06"	3 PLACES - +.01"
ANGULAR - + 2 DEGREES	ANGULAR - + 0°-15'
CHAMFER - + 4 DEGREES	MACHINING SURFACE FINISH
	250 RMS - UNLESS NOTED

09862	RECMIX	96/01
CONTRACT	PROJECT	DATE
		9'-6" DIA. x 13'-0" LG. ROD MILL
SVEDALA INDUSTRIES CANADA INC. 16777 HYDRA BLVD. KIRKLAND, QUEBEC H9H 3L4		SHELL/GEAR/HEAD ASS'Y.
DR. MJP 96/01/05 CH.		CLOCKWISE ROTATION FROM FEED END
SCALE	SHEET	ISSUE
1:16		80-452-639 01