



APPROVED FOR CONSTRUCTION
BY _____ DATE _____

PATENT PENDING
USDA ACCEPTED

NOTE:

1. AGITATOR TO ROTATE IN A CLOCKWISE DIRECTION (AS VIEWED FROM MOTOR END).
2. ALL STAINLESS STEEL CONTACT SURFACES POLISHED TO A #4 SANITARY FINISH.
3. AGITATOR INSTALLED AT "OPTIMUM ANGLE", SEE DWG. #10762 FOR DETAILS.
4. RUN MECHANICAL AGITATOR CONTINUOUSLY DURING FILLING, STORAGE AND EMPTYING ONLY WHEN PRODUCT LEVEL IS ABOVE CENTERLINE ELEVATION OF AGITATOR. (DO NOT OPERATE AGITATOR IN A DRY CONDITION!) CONTINUOUS OPERATION UNDER THESE PARAMETERS WILL PROVIDE PROPER MIXING RESULTS, AND INSURE CONFORMANCE WITH 3A STANDARDS FOR UNIFORM BUTTERFAT CONTENT.
5. BEFORE OPERATING AGITATOR MOTOR, READ INSTRUCTION MANUAL AND FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR VENTING, OPERATION AND MAINTENANCE.
6. C.I.P. DISCHARGE FLOW RATE = 1/2 G.P.M. @ 20 PSIG (MIN.).

ITEM	DESCRIPTION	DWG. NO.	PART NO.
1	NORD GEARMOTOR WITH 1" SPLINED HOLLOW SHAFT CONNECTION, 3 PHASE, 60 CYCLE, _____VOLTS (SEE TANK ASSY. DWG.), H3 MTG. POS. (SEE TABLE)		
2	(4) 1" DIA. X 4" LG. SHOULDER TO SHOULDER MTG. BOLTS W/ 5/8"-11UNC ENDS, INCLUDES LOW TYPE HEX ACORN NUTS, T-304 S.S.	10612-E	AGT050150
3	10" O.D. MOUNT PLATE ASSEMBLY W/ 6 1/2" B.C., 3" O.D. ONE PIECE SHAFT BODY, EXTENSION COLLAR AND GUSSETS	10844	AGC050905
4	1 1/2" DIA. X 3/4" WD. SHAFT COLLAR W/ 3/4"-16UNF THREADS AND SIDE ENTERING SET SCREW		AGC050201
5	WAVE SPRING	DETAIL-A	AGC050360
6	#2-214 "O" RING		GKTBU200184
7	2" #14 TRI-CLAMP CONNECTING REAR SEAL BODY ASSEMBLY W/ 3/4" #14 TRI-CLAMP CONNECTION	10799-C	AGC050261
8	REAR SEAL		AGC0001
9	2" #13MHM CLAMP W/ #40MP-U GASKET		CLP1078B GKTBU1114C
10	FLUTED SHAFT BUSHING	10846	AGC050380
11	NOSE SEAL		AGC050353
12	1 1/8" DIA. AGITATOR SHAFT W/ 1" SPLINE, 3/4"-16UNF THRD. END, IMPELLER HUB COLLAR AND 25 1/4" DIA. SWEEP (4) BLADE IMPELLER	10847	AGC050700
13	16 GA. HINGED SHAFT GUARD ASSEMBLY W/ M8 HEX SOCKET HEAD CAP SCREW	10850	AGC050431

2/10/05		ITEM #8 WAS PART #AGC050270	RJA
7/26/04		ADDED C.I.P. DISCHARGE FLOW RATE NOTE	RJA
10/30/00		ADDED MOUNT BODY INSTALLING NOTE	RA
REV. DATE	ISSUE	REVISION DESCRIPTION	APP'D BY

ASSY. PART NO.	GEARMOTOR FRAME NO.	HP.	RPM
	SK9012AF-100L/4	3	141
<div>Distributed by: 800-826-8302 nelsonjameson.com</div>			
SCALE: 3/8"=1"	APPROVED BY:	DRAWN BY: RA	
DATE: 8-9-00	SERIAL NO.:	REVISED:	
USDA SIDE ENTRY C.I.P. AGITATOR ASSEMBLY			
JOB:		P.O.:	DRAWING NUMBER: 10843-A
NOTE - DO NOT SCALE THIS DRAWING!			

ROUTING

FABRICATOR	
QUALITY CONTROL	
STOCK ROOM	