



NOTES:

- ALL DIMENSIONS SHOWN ARE NOMINAL AND ARE SUBJECT TO COMMERCIAL TOLERANCES. IF ANY DIMENSIONS ARE CRITICAL TO THE INSTALLATION, CONTACT ELLCON-NATIONAL ENGINEERING DEPARTMENT.
- SEE DWGS. D-1206 & D-1288 FOR SIMILAR BRAKES PRODUCING FORCES FROM 2500 TO 6000 LBS.
- WHEN ORDERING SPARE PARTS SPECIFY PART NUMBER, MODEL NUMBER AND/OR DRAWING NUMBER.
- WHEN ORDERING NEW BRAKES OR REPLACEMENT CHAIN SPECIFY THE LENGTH OF CHAIN BELOW BASE TOGETHER WITH THE MODEL AND/OR DRAWING NUMBER.

REVISIONS			
LTR	DATE	DESCRIPTION	BY
1	5-31-01	REDRAWN ON CAD. PER ECN # 3547	KLS/JLF

GENERAL DATA	
BRAKES FURNISHED IN MALL IRON AND STEEL CONSTRUCTION, PAINTED FINISH WITH ALUMINUM HAND WHEELS.	
GEAR RATIO	8:1
CHAIN TRAVEL	UNLIMITED
FORCES	
ACTUAL - 125# ON RIM	HAND WHEELS 14" 16"
	2850# 3500#
WHEN ORDERING SPECIFY DIAMETER OF WHEEL AND LENGTH OF CHAIN BELOW BASE.	
APPROXIMATE WEIGHT	80 LBS.

BILL OF MATERIAL		
QTY.	PART NO.	DESCRIPTION
1	1042	HOUSING
1	1043	HOUSING COVER
2	703	HOUSING COVER SCREW
1	993	HOUSING FLANGE FRONT, WITH BUSHING
1	74-AX	HOUSING FLANGE FRONT BUSHING
1	994	HOUSING FLANGE REAR, WITH BUSHING
1	74-A	HOUSING FLANGE REAR BUSHING
3	142	HOUSING FLANGE BOLT
3	143	HOUSING FLANGE BOLT NUT
3	147	HOUSING FLANGE SPACER
1	76	HOUSING FLANGE LOWER REAR
2	703-A	HOUSING FLANGE LOWER REAR SCREW
1	1088	PINION ASSEMBLY
1	898-G	PINION, HAND WHEEL SHAFT
1	899	PINION GEAR
1	872-C	RATCHET
1	873	PINION RELEASE DISC
1	874	PINION FRICTION DISC
1	875-A	PINION SCREW
1	1078	PINION SET SCREW
1	889	PINION SCREW LOCKWASHER
1	887	PINION PAWL
1	888	PINION PAWL SPRING
1	144	PINION NUT
1	569	PINION WASHER
1	131	CHAIN 3/8" 7,500# P.T. x 6'9" OVERALL
1	77	CHAIN HOOK
2	702	CHAIN HOOK SCREW
1	81 1/2-C	CHAIN DRUM
1	914-A	CHAIN DRUM BUSHING
1	140	CHAIN DRUM SHAFT
1	1111	CHAIN HOOK PIN COTTER
2	726	CHAIN HOOK SCREW LOCKWASHER
1	110-A	SHEAVE
1	109-C	SHEAVE BRACKET
1	136-A	SHEAVE SHAFT
2	1112	SHEAVE BRACKET COTTER
1	1089	JOINER
1	970	HANDWHEEL 14" DIA
1	990	HANDWHEEL 16" DIA.
2	1086	HOUSING COVER SCREW LOCKWASHER
2	1086	HOUSING FLANGE LOWER REAR SCREW LOCKWASHER
3	1087	HOUSING FLANGE BOLT NUT LOCKWASHER
1	1109	CHAIN DRUM SHAFT COTTER
1	15	END LINK
1	31818	LABEL, WARNING #25 GA.
1	4234-7	PLATE, BRAKE MODEL NO. 1040
6	3338-1	RIVET, 1/8 DIA. POP 5056 ALUM. COATED

MATERIAL:		ELLCON NATIONAL	
50 BEECHTREE BLVD.		GREENVILLE, S.C. 29605	
BRAKE ASSEMBLY			
P/N 1040			
SCALE	6"=12"	DATE	10-10-45
DRAWN	DBA	D-1195	
CHECKED	ECM	T	

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