



DRILLING DIAGRAM

GENERAL DATA

FORCES  
 HAND LEVERS  
 12" 18"  
 ACTUAL 125# 1770# 2800#  
 ON HAND LEVER  
 ACTUAL 60# 820# 1290#  
 ON HAND LEVER

WEIGHT AS SHOWN 35 LBS.

WEIGHT OF EXTRA CHAIN  
 1.4 LBS. PER FOOT

BRAKES FURNISHED IN MALL IRON AND STEEL CONSTRUCTION, WITH BLACK PRIMER FINISH

CHAIN TRAVEL-UNLIMITED

BRAKE RIGGING TO BE EQUIPPED WITH A SUITABLE RETURN SPRING IN ORDER TO EFFECT A FULL RELEASE OF HAND BRAKE

SEE DRAWING D-2480 FOR ASS'Y OF MODEL 840-FR BRAKE (RIGHT HAND TYPE)

FOR APPLICATION OF HAND LEVER MAGNETIC RETAINER SEE DRAWING C-1624

FOR APPLICATION OF HAND LEVER WALL RETAINER, SEE DRAWING C-3734

NOTE

ALL DIMENSIONS SHOWN ARE NOMINAL AND ARE SUBJECT TO COMMERCIAL TOLERANCES. IF ANY DIMENSIONS ARE CRITICAL TO THE INSTALLATION, CONTACT ELLCON-NATIONAL ENGINEERING DEPARTMENT.

REVISIONS			
LTR	DATE	DESCRIPTION	BY
N	2-11-95	REDRAWN ON COMPUTER AND REVISED TO AGREE WITH DETAILS PER ECR 95-168	LPS
P	11-6-96	1770# WAS 1170# AT D-7 PER ESN 17	LPS
D	2-14-02	"WITH BLACK PRIMER" WAS "PAINTED", DELETED OPTIONAL WITH E-N ON P/N 1089 PER ECR #4054	GMP

1	3621	COVER	58
1	4217	MODEL PLATE	57
1	31818	WARNING LABEL	56
6	3338	POP RIVET	55
1	837-F	HAND LEVER WALL RTNR.-IF SPECIFIED	54
1	1120-LH	ELEC. CONT. SWITCH ASSY.-IF SPECIFIED	53
1	1150	MAGNETIC RETAINER ASSY.-IF SPECIFIED	52
1	3177	CAP	51
1	1149	SPRING	50
1	963	LOCKWASHER	49
1	961	SHAFT	48
1	1298	PIN	47
1	1297	SPINDLE	46
1	3196-L	HOLDING LAWL	45
1	6462-2	HOLDING PAWL ASSEMBLY	44
2	778	WASHER	43
1	4493-1B	NUT,ESNA	42
1	142-K	SCREW	41
1	3263	RETAINER	40
1	855	RATCHET ASSEMBLY	39
1	853-A	SHAFT	38
1	1149	SPRING	37
1	1298	PIN	36
1	1297	SPINDLE	35
1	6069-2	PAWL ASSEMBLY	34
1	6615-2	PAWL & SPINDLE ASSEMBLY COMPLETE	33
1	1162A-18	HAND LEVER-18"	32
1	1162A-12	HAND LEVER-12"	31
1	6459-3	HAND LEVER ASSEMBLY-18"	30
1	6459-1	HAND LEVER ASSEMBLY-12"	29
1	963	LOCKWASHER	28
1	961	SHAFT	27
1	4031	TRIP LEVER	26
1	3326	RATCHET	25
1	3530	PINION ASSEMBLY	24
1	15	END LINK (OPTIONAL)	23
1	1089	JOINER	22
2	726	LOCKWASHER	21
2	702-D	SCREW	20
1	1071	GUIDE	19
1	1136	CAP	18
1	1072	WEIGHT	17
1	1074	PIN	16
1	1073	SNUBBER	15
1	962	LOCKWASHER	14
1	959	SHAFT	13
1	1075	BEARING	12
1	1068	CHAIN GEAR	11
1	6457	CHAIN GEAR ASSEMBLY	10
1	131	CHAIN 3/8"-7500 LBS.PT-6'-1-1/2" O.A.	9
1	3265-1	PAWL ACTUATOR	8
1	1065	OIL CUP	7
1	797	BEARING	6
1	858	BEARING	5
2	1086	LOCKWASHER	4
2	1096	SCREW	3
1	3621-10	COVER ASS'Y	2
1	3619	HOUSING ASSEMBLY	1

QTY.	PART NO.	DESCRIPTION	ITEM
BILL OF MATERIAL			
ELLCON NATIONAL			
50 BEECHTREE BLVD. GREENVILLE, S.C. 29605			
ASSEMBLY			
MODEL 840-FL BRAKE (LEFT HAND TYPE)			
SCALE	FULL	DATE	REV.
DRAWN	SS		
CHECKED	DDC	D-2470	