WESTERN

GEAR CORPORATION — HEAVY MACHINERY DIVISION
EVERETT, WASHINGTON — TELEPHONE 259-353-3111

TITLE Center Section and P. M. Cover

DRAWN _____ CHECKED _____ DATE _____

BILL OF MATERIAL

QUANTITIES ARE FOR ONE UNIT

PAGE 9 OF 10

ASSEMBLY DWG. NO. W.G.N103002 2150.281 E002

ORIGINAL JOB NO. _____

PART NO.	DRAWING NO.	NO. REQ'D	DESCRIPTION	MAT'L	MAT'L SPEC	REQ'D CERTS C	P	H	C/C	N/D	WT. LBS.	REMARKS	PRODUCTION CONTROL: MAT'L CLASS SS	SD	SG	FB	RECD DELIVERY QTY	REQ	QTY	REQ	QTY	REQ	QTY	REQ	CODE
~~142~~	~~Comm'l.~~	~~2~~	~~Elbow, Female~~		~~#5DF Imperial Eastman~~							~~1/2 Tube — 3/8 NPT~~												
~~143~~	~~Comm'l.~~	~~12~~	~~Connector, Male~~		~~#4BF 45° Flare Imperial Eastman~~							~~1/2 Tube — 3/8 NPT~~												
~~144~~	~~2150.281 C047 W.G.C302788~~	~~2~~	~~Air Motor Rework~~	~~VAR~~	~~See Dwg.~~																			
~~145~~	~~Comm'l.~~	~~1~~	~~Valve, Skinner Flow Control~~	~~VAR~~	~~F131-200 3/8 NPT~~																			
~~146~~	~~Comm'l.~~	~~1~~	~~Nipple, Close Pipe~~	~~STL~~	~~3/8 NPT~~																			
~~147~~	~~Comm'l.~~	~~2~~	~~Nipple~~	~~STL~~	~~3/8 NPT x 1 1/2~~																			
~~148~~	~~Comm'l~~	~~2~~	~~Valve Body~~	~~VAR~~	~~Weco #F634115-5050 & PR34107~~							~~24 VDC Double Solinoid Operated Sub Plate Mounted JIC-4 Way, Tapped Exhaust, Closed Center Springs, Tapped Body, Interal Supply~~												
~~149~~	~~Comm'l~~	~~11~~	~~Tubing 1/2" O.D.~~	~~CU~~	~~Comm'l.~~																			
150	2150.281 D202	2	Stop Assy	VAR								ALIRA Furnished												
151	Comm'l.	14	Screw, Hex Hd, Cap 3/4-10 UNC-2A x 2 Lg.	STL	CAD Plate																			
152	Comm'l.	24	Washer, Plain	STL	CAD Plate							5/8 I.D. x 1 1/4 O.D. x .100 thk												
153	Comm'l.	48	Screw, Set, Cup Pt. 10-24 NC x 3/8 Lg.	STL																				
154	2150.281 C093	22	Spacer, Pillow Block	STL	ASTM A-36							CTIO Only												
	W.G.C302826																							
155	Comm'l.	820	Washer, Plain	STL	CAD Plate							#10 Nom x 1/2 O.D. x .049 thk												
156	Comm'l.	2	Soc Hd Capscrew	STL	CAD Plate							5/16-18 NC x 3 3/4 Lg.												
157	2150.281 B085	1	Spacer, Limit Switch	STL	ASTM A-36																			
	W.G.B302882																							
158	Comm'l.	2	Hex Hd. Capscrew	STL	CAD Plate							3/8-16 NC x 1 Lg.												
159	Comm'l.	See Remarks	Hex Hd. Capscrew	STL	CAD Plate							1/2-13 NC x 1 Lg 2 — CTIO 24 — KPNO												
160	Comm'l.	96	Filling, Polyurethene		2 Lb/Cu. Ft.							7/16 x 1 1/4 x 1/2 (see dwg Sheet 2)												
161	2150.281 A097 W.G.A302201	4	Cover-Dust Cover-Primary Mirror	STL	18GA H.R.																			
162	Comm'l.	16	Self Tapping Screw Sht. Metal	STL								#8 x 1/2" Lg.												

DATE	REV.	DESCRIPTION	BY	DATE	REV.	DESCRIPTION	BY
6/20/69	C	ADDED P/N 142 THRU 149	CWS	1/21/71	G	ADDED P/N 150 & 151	JW
10/8/69	D	REVISED PER ALIRA APP'D PRINT	BMA	5/1/72	L	ADDED P/N 161 & 162	G.T.
4/20/70	E	SEE SHEET 4 OF 8			N	DELETED P/N 142-149	JG
	F	SEE SHEET 1					

CERTIFICATION LEGEND

C CHEMICAL
P PHYSICAL
H HARDNESS
C/C CERTIFICATION OF CONFORMANCE

REF FILE 1175

N/D NONDESTRUCTIVE TEST CONSISTING OF:

PT LIQUID PENETRANT INSPECTION
MT MAGNETIC PARTICLE INSPECTION
RT RADIOGRAPHIC INSPECTION
P PRESSURE TEST
UT ULTRASONIC TEST

2150.281 A002
DWG. NO.
C-112988

REV. N