



SECURE BOLTS WITH LOCTITE #262 ADHESIVE

SECTION D-D
1/2 SCALE

SECTION E-E
1/2 SCALE

SECTION C-C
1/4 SCALE

SECTION B-B
1/2 SCALE

SECTION A-A
3/8 SCALE

SECTION F-F
1/2 SCALE

ADJUST CABLE & TIGHTEN CLAMP AFTER CABLE ASSEMBLY IS INSTALLED ON MONITOR AND CONTROL ARM.

VIEW E
FULL SCALE

23	80705000	LOWER HORIZONTAL DRIVE SLEEVE WELDMENT(40')	1
22	80687001	LOWER WATERWAY WELDMENT(40')	1
15	80710001	CONTROL CABLE ASSEMBLY(40')	2

PARTS USED WITH 299-11EL 40' (99193101) 6"-150# RF FLANGE

23	80704000	LOWER HORIZONTAL DRIVE SLEEVE WELDMENT(30')	1
22	80686001	LOWER WATERWAY WELDMENT(30')	1
15	80709001	CONTROL CABLE ASSEMBLY(30')	2

PARTS USED WITH 299-11EL 30' (99192101) 6"-150# RF FLANGE

23	80699000	LOWER HORIZONTAL DRIVE SLEEVE WELDMENT(25')	1
22	80685001	LOWER WATERWAY WELDMENT(25')	1
15	80708001	CONTROL CABLE ASSEMBLY(25')	2

PARTS USED WITH 299-11EL 25' (99191101) 6"-150# RF FLANGE

F3	25	44242100	LABEL - SERIAL NUMBER	1
F2	24	61215100	DRIVE SCREW S/S #4 X .187 RD HD TYPE U	2
	21	33629000	GRIP - HAND (RUBBER)	1

F1	20	51269000	PIN - ROLL S/S 0.250-O.D. X 0.500-LG. X 0.050-WALL	2
	19	16380000	BOLT - HEX. 0.750-16 X 0.750-LG.	2
	18	80700000	UPPER WATERWAY WELDMENT	1

	17	80702000	UPPER DRIVE SLEEVE WELDMENT	1
	16	80701000	299-11EL MONITOR ASSEMBLY	1
	14	80717000	HORIZ. LOCK HANDWHEEL ASS'Y.	1

	13	47466000	NUT - HEX. (0.312-18)	5
F3	12	16555001	BRACKET - CONTROL (LEFT)	1
F2	11	52049000	PIN - COTTER S/S 0.250-DIA. X 2.000-LG.	1

	10	47482000	NUT - CASTLE (1.0-14 THD.)	1
	9	61059000	SCREW - MACH. 0.312-18 X 0.750-LG. HEX.	5
F2	8	81245000	CONTROL ARM WELDMENT	1

F2	7	17851001	BOLT - PIVOT S/S	1
F2	6	52566000	PLATE - LOCK S/S	1
F2	5	36637001	HUB - LOCK S/S	1

F2	4	65453001	SHAFT - LOCK S/S	1
F2	3	58943000	RING - RETAINER (S/S) E-RING (TRUARC #5144-43H)	1
F2	2	65362001	SHAFT - HANDLE S/S	1

F1	1	42022000	KNOB - HANDLE	1
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PARTS USED WITH ALL 299-11EL ASSEMBLIES

NO.	PART NO.	PART NAME	REQ.
ELKHART BRASS MFG. CO., INC. ELKHART, INDIANA			
FREE STANDING ELEVATED MONITOR ASSEMBLY 25, 30, & 40 FOOT MONITORS			
DRN BY	Lynn G.	SCALE 1/16" = 1"	DATE 10-30-01
DWG. NO.	299-11EL(25, 30, 40)	DRWG. SIZE	D
STANDARD TOLERANCE: 1 PLACE DEC. - ±.010 4 PLACE DEC. - ±.005 UNLESS OTHERWISE SPECIFIED DO NOT SCALE PRINT			
SDRC			

NOTES:
(1) 25 & 30 FOOT MONITORS MAX. FLOW IS 750 G.P.M.
(2) 40 FOOT MONITOR MAX. FLOW IS 500 G.P.M.
(3) THESE MAXIMUM FLOW RATES TO BE DEVELOPED WITH A MAXIMUM NOZZLE PRESSURE OF 100 P.S.I.

REV.	WAS	BY	E.C.N.	MATERIAL:
5				6"-150# RF FLANGE ADDED
4				ITEM NUMBERS ADDED
3				P/N 44242100 ADDED
2				P/N 61215100 ADDED
1				NOTE ADDED
12				P/N 81310001 REPL. 80780001

REV.	WAS	BY	E.C.N.	MATERIAL:
11				ADDED P/N 81299000
10				P/N 16555001 QTY-1 WAS 2
9				ADDED P/N 52049000
8				ADDED P/N 81245000
7				ADDED P/N 17851001
6				ADDED P/N 52566000
5				ADDED P/N 36637001
4				ADDED P/N 65453001
3				ADDED P/N 58943000
2				ADDED P/N 65362001
1				ADDED P/N 42022000

(ITEM NUMBER 99191101 99193101) 299-11EL(25, 30, 40) REV-F