

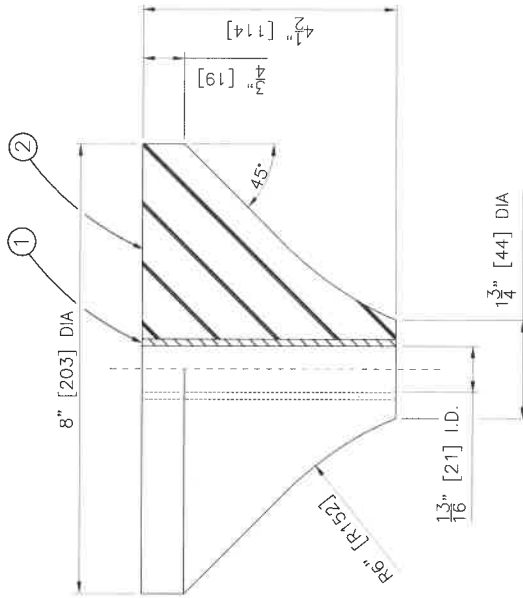
5" BORE 1 3/8" ROD 4.92" STROKE

[illegible][illegible]

NOTE:
1. SIGNED APPROVAL DRAWING MUST BE SENT BACK TO COWAN NOT LATER THAN 20 / 1
2. ACCESSORIES ARE SHOWN FOR ILLUSTRATION PURPOSE ONLY AND MAY NOT NECESSARILY BE TO SCALE.
3. PILING NOT SHOWN.

ITEM	REQ.	PART N°	DESCRIPTION / REMARKS	MATERIAL
		27882	VALVE ASSEMBLY	
1	1	-	PIPE STD. 3/4" x 4 1/2" - LG	STL
2	1	-	VALVE	*
			PIPE STD. 3/4" x 4 1/2" - LG	316 S.ST.

AA

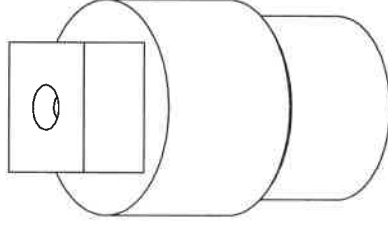


- * 27882 A - RUBBER
COLOR: BLACK
CODE: BLACK
DUROMETER: 50, SHORE A
- 27882 B - NEOPRENE
COLOR: BLACK
CODE: WHITE
DUROMETER: 50, SHORE A
- AA 27882 C - HYPALON (P530)
COLOR: BLACK
CODE: RED
DUROMETER: 55, SHORE A
- AA 27882 D - NITRILE
COLOR: BLACK
CODE: YELLOW
DUROMETER: 50, SHORE A

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DO NOT SCALE PRINTS		FILE SPEC.		REF. FROM	
CS-27882		CS-27882		ORC S.O.	
DATE		DATE		DATE	
Jun/92		Jul/15/66			
DGB		KALB		KALB	
Nov.21/73		Oct.10/73		Nov.22/72	
KALB		KALB		KALB	
Nov.22/72		Oct.11/72			
EN		BY		APPR.	
DATE		DATE		DATE	
VALVE ASSEMBLY 7"					
SHEET 1		OF 1		REV	
DWG. No.		CS-27882		4	

REVISION

MANUFACTURER SPRAYING SYSTEMS CO. OR EQUIVALENT
MODEL TYPE FULLJET NOZZLE, 1/4" NPT (M)
MANUFACTURER PART NO. 1/4" HH - SS 10



SPRAY NOZZLE

FLOTATION

Mat.:	N/A	Weight:	N/A	Welds:	N/A	Based on:	N/A	ISO-A	
Unless otherwise specified, adhere to General Workshop Instruction No: ES0001								Replacing:	N/A
								Sheet 1 of 1	

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FLS MIDTH

646013

Content
Rev.:

TIME	INSTR.	LAST FILE	DESCRIPTION
1	1	127100	ROTOR SLEEVE
2	1	*	MOLDED ROTOR
3	4	23376	855-544 SET 1.54 IN. ID., CUP PT.



REV	DESCRIPTION	QTY	UNIT	PRICE	TOTAL	DATE	BY	CHKD
1	NATURAL RUBBER WGT: 176 LBS. A							
REV B	58644A							
	EMCO SPEC							
	# 900418							
	COLOR: BLACK							
	DIAMETER: 53.5							
	SHORE: A							
	HYCAR (NITRILE)							
	COLOR: BLACK							
	DIAMETER: 50.5							
	SHORE: A							
	NEOPRENE TOTAL WGT: 218 LBS.							
REV B	58644B							
	EMCO SPEC							
	# 900419							
	COLOR: BLACK							
	DIAMETER: 53.5							
	SHORE: A							
	COLOR: WHITE							
	DIAMETER: 53.5							
	SHORE: A							
	WEEHANE MEMO SPEC							
	COLOR: MEMO BLUE							
	DIAMETER: 53.5							
	SHORE: A							

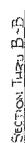
REV B 58644B NEOPRENE - TOTAL WGT = 218 LBS.

REV B 5864HC
HYPALON
COLOR: BLACK CODE: RED
DUROMETER: 60 SHORE: A

PART OPTION OBSOLETE -
REPLACED BY PART W31295-03

<p>FABRICATION TOLERANCE ± 0.004 UNLESS OTHERWISE SPECIFIED</p> <p>MACHINING TOLERANCES UNLESS OTHERWISE SPECIFIED:</p> <ol style="list-style-type: none"> 1. TWO PLACE DECIMAL DIMENSIONS ± 0.005 2. THREE PLACE DECIMAL DIMENSIONS ± 0.001 3. SURFACE FINISH Ra 4. MACHINED WAS CONCENTRIC WITHIN 0.018 T.I. 5. ANGULARITY TOLERANCE ± 0.004
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[illegible]



△ * MATERIAL SPEC.:

A. MATERIAL TYPE NATURAL
COLOR: BROWN
DUALITE 25

B. NEOPRENE
BLACK CODE: WHITE
DUALITE 20

C. HYALON
BLACK CODE: RED
DUALITE 40

D. HYCAR
RED BROWN 7500-1
A
COLOR: BLACK
CODE: YELLOW
DUALITE 40

USE 1000 TO MEET
THESE DIMS.

△ E. NEED / SLEE
BLACK
CODE: BROWN
CODE DIMETER: 30, SHAPE A

⚠️ * USE 30 RODS TO MEET
THESE DIMS.

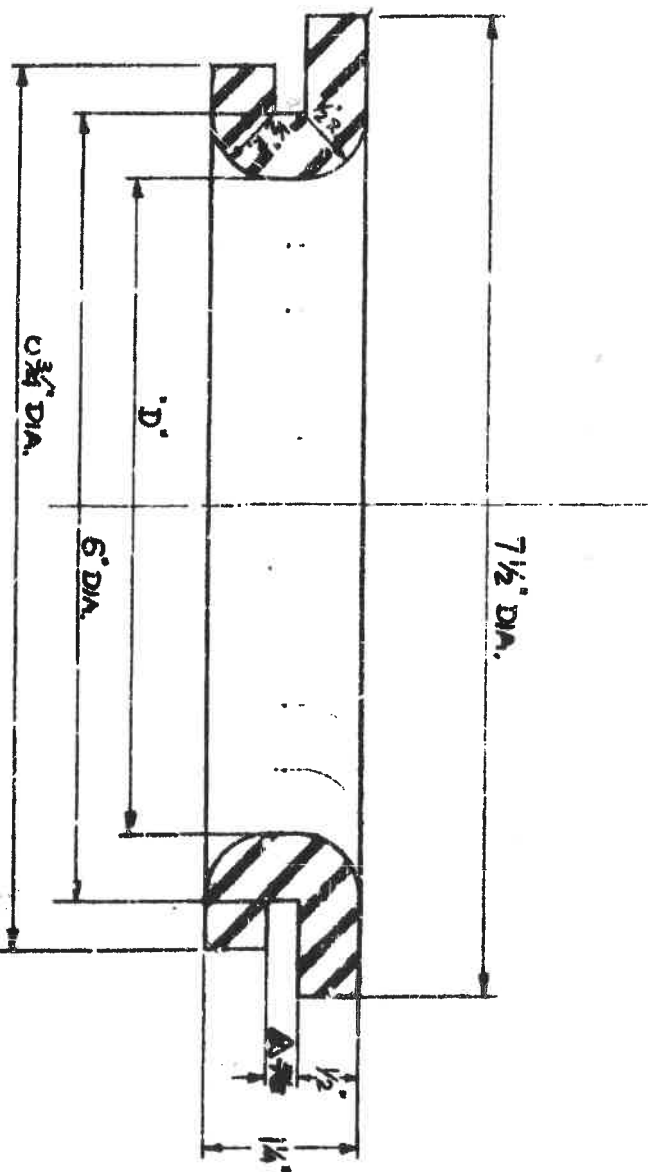
5. E. NEG. / SER
COLOR: BLACK
CODE: GREEN
DUPOMETER: 2

Δ NOTES:

[illegible]



REF NO	QTY	PART NO.	DESCRIPTION	MATL	WT
1		47992A	GROMMET - 5" OPENING	*	
2		47992B	GROMMET - 3-4" OPENING	*	
3		47992C	GROMMET - 3" OPENING	*	

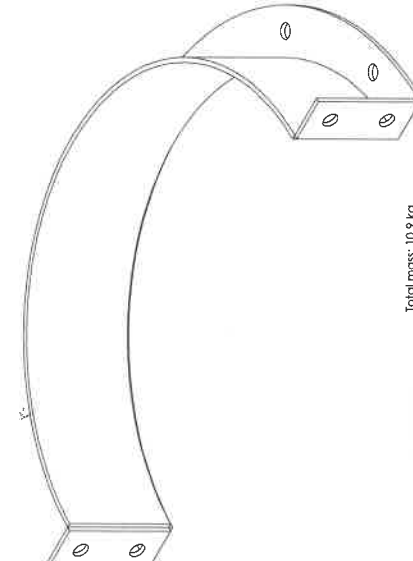
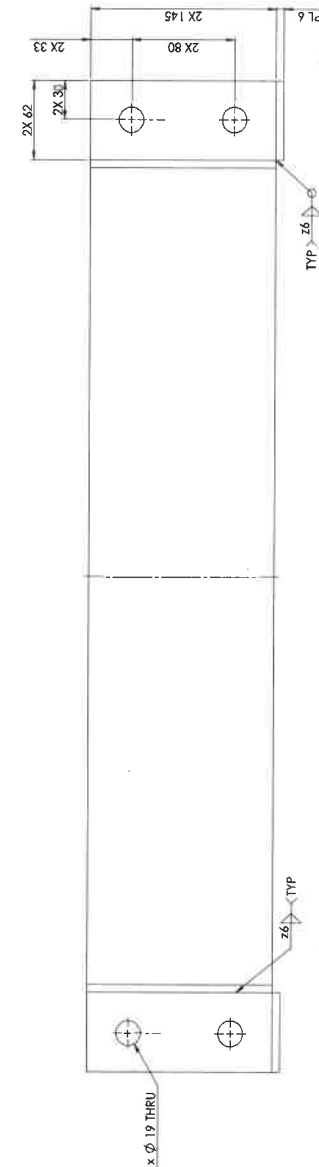
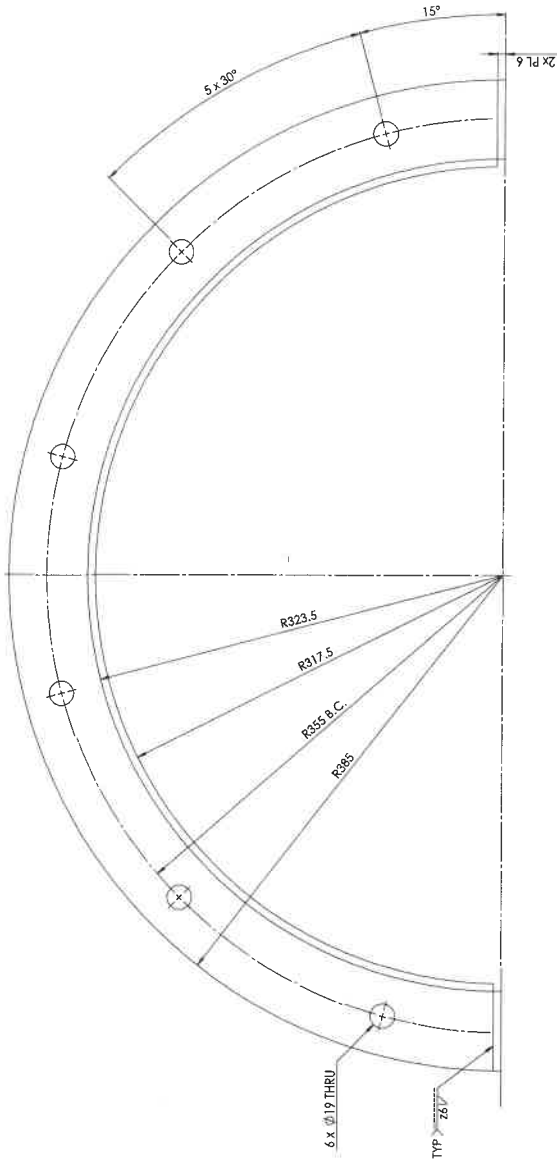
1/ NEOPRENE
2/ DURO. 50
3/ COLOR: BLACK



NO.	DESCRIPTION OF REPAIRS	QTY. REQ.	DATE	BY	CHG.	AMT.
2	3/8" x 1/4"	1.000	11-14	100		
1	REMOVED 1/2" FROM END OF COUPLER	8710	8-5	100		

TOTAL 1.000
 ORDER 1.000
 ORDER 1.000
 ORDER 1.000

<p>  WESTERN MACHINERY COMPANY CALIFORNIA </p>		<p>  WESTERN MACHINERY COMPANY CALIFORNIA </p>	
<p> DATE 3-1-65 </p>	<p> TIME 5:00 PM </p>	<p> DATE 3-1-65 </p>	<p> TIME 5:00 PM </p>
<p> NAME T.O. </p>	<p> NAME T.O. </p>	<p> NAME T.O. </p>	<p> NAME T.O. </p>
<p> LOCATION 50, 66, 76 </p>	<p> LOCATION 50, 66, 76 </p>	<p> LOCATION 50, 66, 76 </p>	<p> LOCATION 50, 66, 76 </p>
<p> STATUS STD. DUTY </p>	<p> STATUS STD. DUTY </p>	<p> STATUS STD. DUTY </p>	<p> STATUS STD. DUTY </p>
<p> REMARKS GROTHETS (NEOPRENE) </p>	<p> REMARKS GROTHETS (NEOPRENE) </p>	<p> REMARKS GROTHETS (NEOPRENE) </p>	<p> REMARKS GROTHETS (NEOPRENE) </p>
<p> WORK NO. 47992 </p>	<p> WORK NO. 47992 </p>	<p> WORK NO. 47992 </p>	<p> WORK NO. 47992 </p>



Total mass: 10.9 kg

- Notes:
1. All dimensions are in millimeters unless noted otherwise.
 2. Material: 316L SST Steel or equivalent as approved by FLS engineering department.
 3. All plates are 6 mm thick unless noted otherwise.
 4. All components to be manufactured in compliance with workmanship standard ES00001.

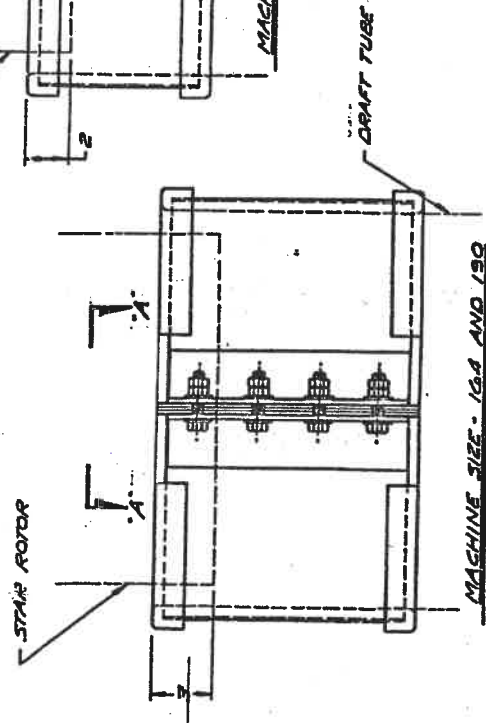
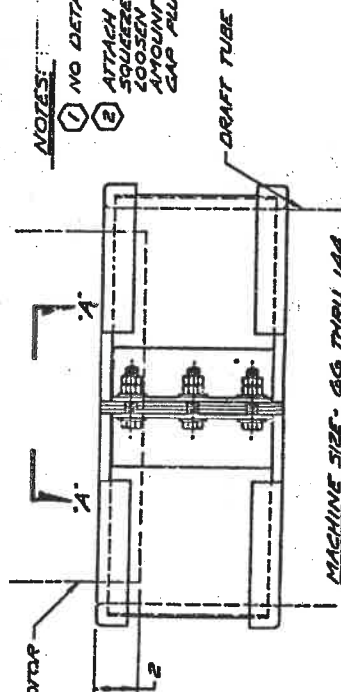
Scale	Drawn	Appr.	Appr. Date	Initial Release
NO SCALE	BAHE	CSE	28-Apr-11	Sheet 1 of 1
COLLAR MODEL 120				
INERT GAS FLOTATION				
Part No.	NA	Weight	NA	Welds
CSF0000448-01	NA	613999	613999	613999
Rev. 1	NA	Rev. 1	Rev. 1	Rev. 1

ITEM NO.	PART NO.	DESCRIPTION	AMT PART NO.	UNIT
172049	SHEET 1/8" x 1' x 9' 40 QUADROMETER		RUBBER	
172050	SHEET 1/8" x 1' x 9' 40 QUADROMETER		RUBBER	
43274-1	SHEET 1/8" x 1' x 13' 40 QUADROMETER		NEOP	
43274-2	SHEET 1/8" x 1' x 13' 40 QUADROMETER		NEOP	
F50025	CAPSCREW - HEX NO. 1/2" x 2 1/2" THREE		314SS	
F10859	NUT - HEX 1/2" - 13		314SS	
F11218	WASHER - PLAIN 1/2"		314SS	
43275-01	COLLAR WELDMENT - NO. 84		57 1/2" RUB	27
43275-02	COLLAR WELDMENT - NO. 84		57 1/2" NEOP	27
43275-03	COLLAR WELDMENT - NO. 120		57 1/2" RUB	35
43275-04	COLLAR WELDMENT - NO. 120		57 1/2" NEOP	35
43275-05	COLLAR WELDMENT - NO. 144		57 1/2" RUB	40
43275-06	COLLAR WELDMENT - NO. 144		57 1/2" NEOP	40
43275-07	COLLAR WELDMENT - NO. 164		57 1/2" RUB	77
43275-08	COLLAR WELDMENT - NO. 164		57 1/2" NEOP	77
43275-09	COLLAR WELDMENT - NO. 224		57 1/2" RUB	23
43275-10	COLLAR WELDMENT - NO. 224		57 1/2" NEOP	23
43275-11	COLLAR WELDMENT - NO. 250		57 1/2" RUB	69
43275-12	COLLAR WELDMENT - NO. 250		57 1/2" NEOP	69
43275-13	COLLAR WELDMENT - NO. 250		57 1/2" RUB	66
43275-14	COLLAR WELDMENT - NO. 250		57 1/2" NEOP	66
43275-15	COLLAR WELDMENT		57 1/2" RUB	29
43275-16	COLLAR WELDMENT		57 1/2" NEOP	29



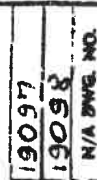
NOTES:

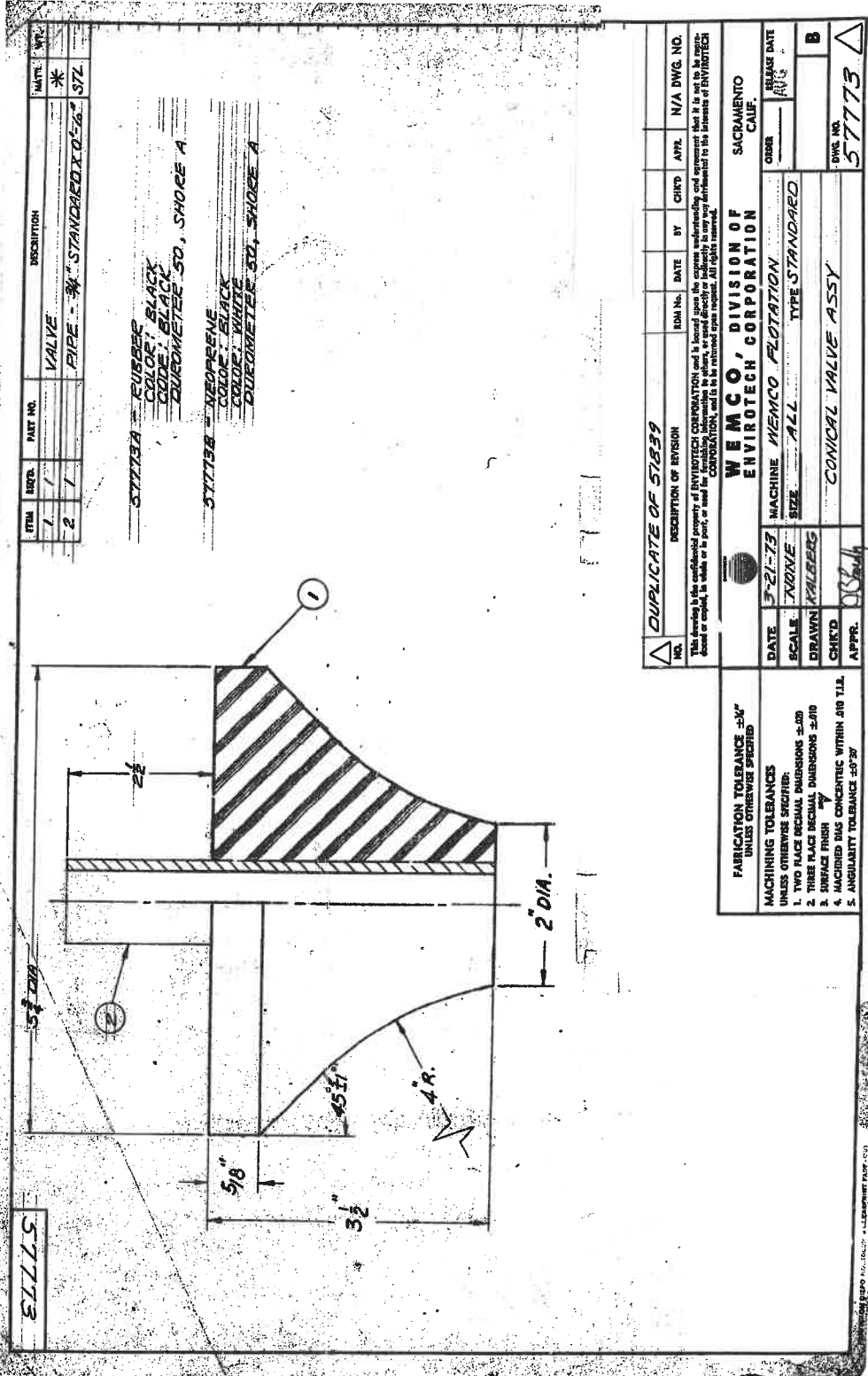
- ① NO DETAIL.
- ② ATTACH COLLAR TO DRAFT TUBE WITH SQUEEZE ALL AROUND AND MEASURE CAR LOOSEN COLLAR AND INSTALL THE AMOUNT OF ITEM 1 THAT EQUALS THE CAR PLUS ONE AND ATTACH COLLAR.

[illegible]

REF ID	DEPT	PART NO.	DESCRIPTION	MATL	QTY
1		47992A	GROMMET - 5" OPENING	*	
2		47992B	GROMMET - 4" OPENING	*	
3		47992C	GROMMET - 3" OPENING	*	

* RUBBER SPECIFICATION:
1/ NEOPRENE
2/ DURO. 50
3/ COLOR: BLACK

[illegible]



ITEM	QTY	PART NO.	DESCRIPTION	UNIT	QTY
1	1		VALVE		*
2	1		PIPE - 3/4\" STANDARD X 0.5\"		STL

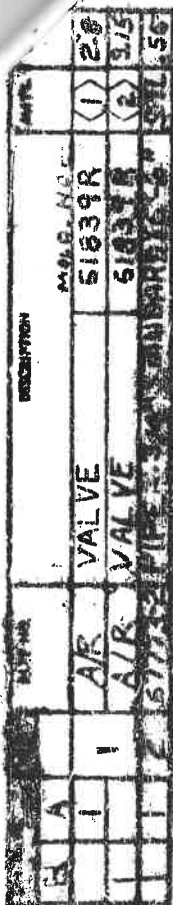
57773A - RUBBER
COLOR: BLACK
CODE: BLACK
DURUMETER 50, SHORE A

57773B - NEOPRENE
COLOR: BLACK
CODE: WHITE
DURUMETER 50, SHORE A

△ DUPLICATE OF 51839 NO. _____		DESCRIPTION OF REVISION 1. _____ 2. _____		RM. NO. _____	DATE _____	BY _____	CK'D _____	APPL. _____	N/A DWG. NO. _____
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W E M C O , DIVISION OF ENVIROTECH CORPORATION									
SACRAMENTO CALIF.									
DATE 3-21-73	MACHINE MEMCO PLOTATION	RELEASE DATE							
SCALE NONE	SIZE ALL TYPE STANDARD	OBS. _____							
DRAWN KALBERG		B							
CK'D _____		DWG. NO. 57773							
APPR. _____		CONICAL VALVE ASSY							

- FABRICATION TOLERANCE ±.005" UNLESS OTHERWISE SPECIFIED
- MACHINING TOLERANCES UNLESS OTHERWISE SPECIFIED:
1. TWO PLACES DECIMAL DIMENSIONS ±.005
 2. THREE PLACES DECIMAL DIMENSIONS ±.002
 3. SURFACE FINISH 32
 4. MACHINED DIAS CONCENTRIC WITHIN .010 TIA
 5. ANGULARITY TOLERANCE ±0.25

MTC



① MATL SHALL BE AS FOLLOWS:

~~00773~~ A-RUBBER: SPEC B2156
FILE 3-ALL DCAs: VLEBAG.

COLO: BLACK

CRACK: CRACK

2025-2026

(2) 57773-B - 1/F 3914E : 5PFC 0250

4478-150702

2000-01-01

DR. J. H. SHORE, JR.

FABRICATION TOLERANCE $\pm .04$ "
UNLESS OTHERWISE SPECIFIED

MACHINING TOLERANCES
UNLESS OTHERWISE SPECIFIED:

1. TWO PLACE DECIMAL DIMENSIONS $\pm .005$
2. THREE PLACE DECIMAL DIMENSIONS $\pm .010$
3. SURFACE FINISH $\text{A} \sqrt{16}$
4. MACHINING DIAS CONCENTRIC $\sqrt{16}$ MIN DIA T.L.B.
5. ANGULARITY TOLERANCE $\pm 0^{\circ} 30'$

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