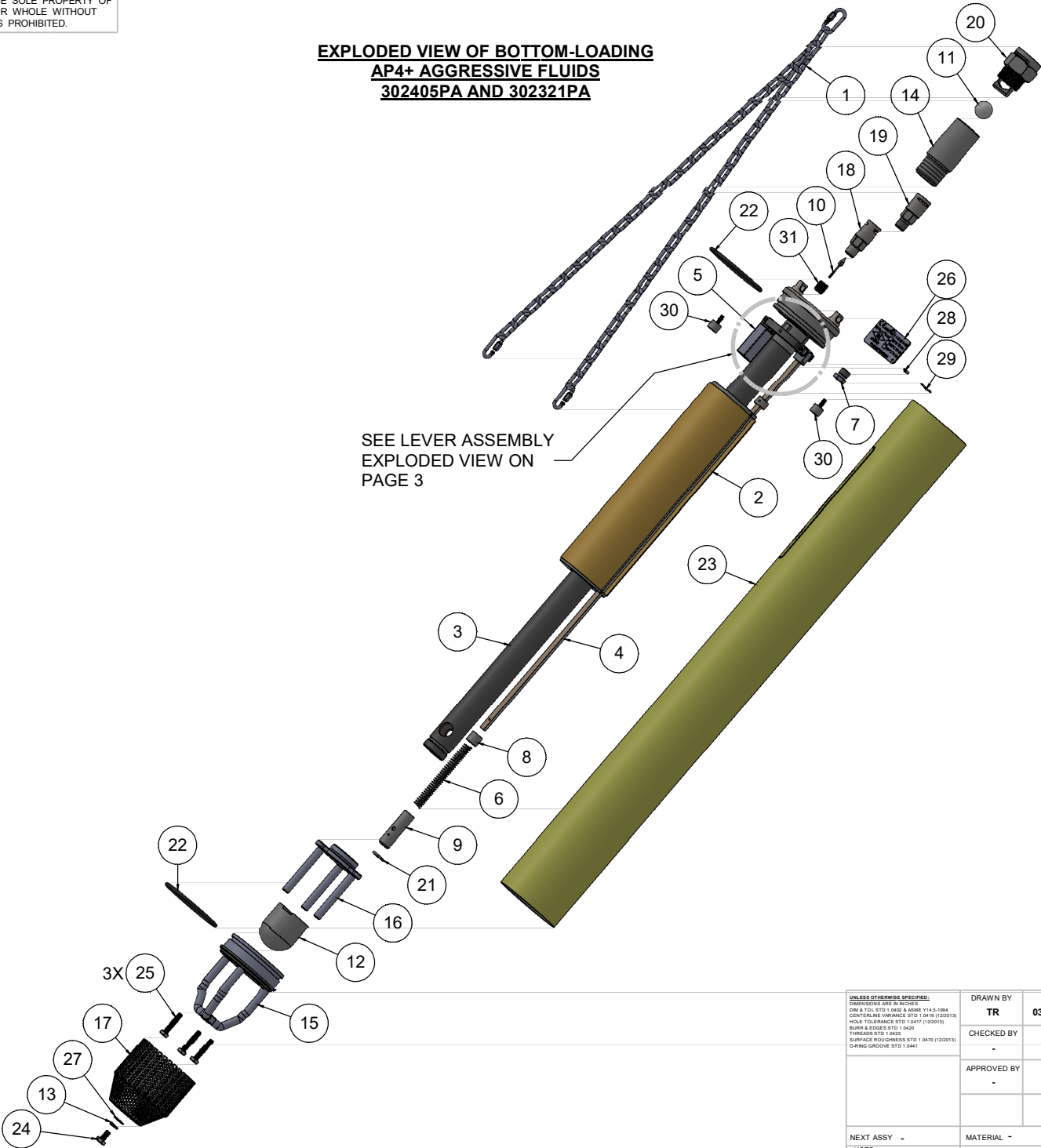


**EXPLODED VIEW OF BOTTOM-LOADING
AP4+ AGGRESSIVE FLUIDS
302405PA AND 302321PA**



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
DIM & TOL STD 1 (MIL & ASME Y14.5-1994)
CENTERLINE VARIANCE STD 1 (MIL & ASME Y14.5-1994)
HOLE TOLERANCE STD 1 (MIL & ASME Y14.5-1994)
SURF & EDGES STD 1 (MIL & ASME Y14.5-1994)
THREADS STD 1 (MIL & ASME Y14.5-1994)
SURFACE FINISH STD 1 (MIL & ASME Y14.5-1994)
CIRCLING GROOVE STD 1 (MIL & ASME Y14.5-1994)

DRAWN BY	TR	DATE	03-21-23
CHECKED BY	-	DATE	-
APPROVED BY	-	DATE	-
NEXT ASSY	-	MATERIAL	-
USED ON	-	FINISH	-

QED
2355 BISHOP CIRCLE W, DEXTER, MI. 48130

TITLE
302405PA & 302321PA AP4+
AGGRESSIVE FLUIDS
DISTRIBUTOR/SERVICE DRAWING

DWG. NO. 95368
SCALE 1:12
SHEET 1 OF 3

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ITEM	PART #	QTY.	DESCRIPTION
1	300984	1	HARNESS SUPPORT 316SS CHAIN
2	302112	1	FLOAT AP4 WIDE SLOT ASSY .875 316SS
3	303085	1	FRAME AP4+ LONG 316SS W/120PSI SEAT AND PIVOT PIN
4	303087	1	CTRL ROD ASSY LONG AP4+ 316SS
5	303204	1	LEVER ASSY AP4 PVDF ALL 316S 120PSI W/POPPET BUSHING
6	ENV200351	1	SPRING AP4 CTRL ROD HASTELLOY C-276
7	42216	1	EXHAUST SEAT NON-ADJUSTING
8	ENV201210	1	AP-4 CONTROL ROD SLIDING STOP PVDF
9	ENV201211	1	AP4 PVDF (KYNAR) SPRING CUP
10	ENV201614	1	POPPET INTAKE 120 PSI AP4 316SS
11	ENV201852	1	BALL 7/8 GRADE 1 TEFLON
12	ENV202829	1	AP-4 BTM CHK VLV PTFE POPPET
13	ENV202886	1	WASHER 1/4 SPLIT LOCK 316 SS
14	ENV205601	1	HOUSING, CHECK 1" MPT x 1" FPT 316 S.S.
15	ENV206187	1	INLET, CASTING -AP4+ MACHINED 316SS
16	ENV206195	1	SPIDER, CASTING -AP4+MACHINED 316LSS
17	ENV206198	1	SCREEN ANGLE, AP4+ 316LS
18	ENV206210	1	HOUSING EASY-FITTING AIR 1/4 MPT
19	ENV206213	1	HOUSING EASY-FITTING EXH 1/4 MPT
20	ENV206216	1	HOUSING, ADAPTER EZ-FITTINGS DISCHARGE 1" MPT
21	ENV206247	1	HAIRPIN, AP4 CTRL ROD/SPRING CUP PIN HASTELLOY C276
22	ENV206273	2	O-RING PARKER VITON 2-235 V747-75
23	ENV206283	1	CASING, FRP AP4+ LONG LABELED
24	ENV206289	1	SCREW, 1/4-20 X 1/2" LONG HEX HD CAP - 316SS
25	ENV206362	3	SCREW, 1/4"-20 X 1-1/4" FL/THR HEX CAP, W/VIT, W/VIBRA-TITE
26	ENV206408	1	TAG AP4+ ATEX
27	ENV206437	1	WASHER 1/4 FLAT 316 SS
28	ENV206446	1	SLEEVE FOR 1/16 DIA CABLE 316 SS
29	ENV206447	0.25	CABLE 1/16 DIA 316 SS
30	ENV301083	2	AP4 250 DEG 316 SS MAGNET W/EPOXY
31	ENV301084	1	SEAT 120 PSI INT AP4 ASSY - 316SS

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
DIM & TOL STD 1 (MIL & ASME Y14.5-1994)
CENTERLINE VARIANCE STD 1 (MIL & 1/20013)
HOLE TOLERANCE STD 1 (MIL & 1/20013)
BURN & EDGES STD 1 (MIL & 1/20013)
THREADS STD 1 (MIL & 1/20013)
SURFACE ROUGHNESS STD 1 (MIL & 1/20013)
CIRCLING GROOVES STD 1 (MIL & 1/20013)

DRAWN BY	DATE
TR	03-21-23
CHECKED BY	DATE
-	-
APPROVED BY	DATE
-	-

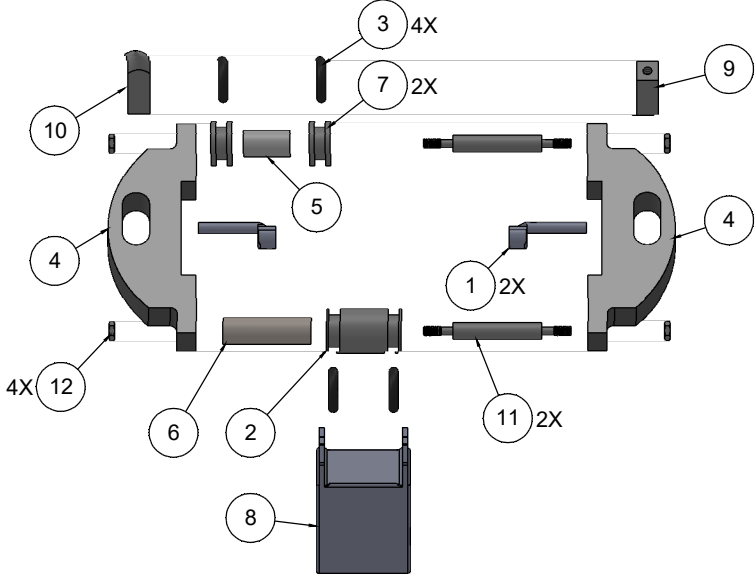

2355 BISHOP CIRCLE W, DEXTER, MI. 48130

TITLE
302405PA & 302321PA AP4+
AGGRESSIVE FLUIDS
DISTRIBUTOR/SERVICE DRAWING

NEXT ASSY -	MATERIAL -	DWG. NO. 95368	REV. A
USED ON -	FINISH -	SCALE 1:24	SHEET 2 OF 3

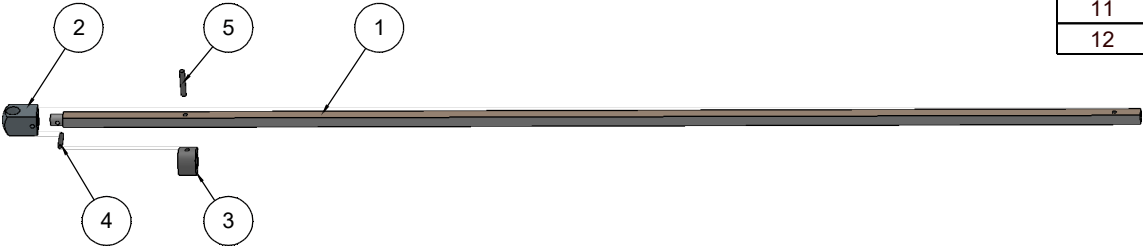
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303204 - AP4+ LEVER ASSEMBLY



ITEM	PART #	QTY.	DESCRIPTION
1	206445	2	POPPET BUSHING NITRONIC 60 AP4 LEVER
2	ENV200330	1	AP-4 COUNTERWEIGHT ROLLER
3	ENV200496	4	O-RING PARKER 2-109 VITON V747-75
4	ENV201033	2	LEVER HALF AP4 PVDF
5	ENV201052	1	316 SS CONTROL ROD ADAPTER BUSHING
6	ENV201053	1	BUSHING AP-4 COUNTER WEIGHT 316SS
7	ENV201458	2	ROLLER CTRL ROD AP4 PVDF
8	ENV201520	1	AP4 COUNTER WEIGHT CASTING WIDER
9	ENV201616	1	120 PSI INTAKE POPPET 316SS CONNECTOR
10	ENV201623	1	POPPET 120 PSI POPPET AP4 316SS
11	ENV201626	2	LEVER CONNECTING PIN 316SS
12	ENV202889	4	NUT SMALL PATTERN, 316SS, 4-40, LEVER CONNECTOR

303087 & 303088 - AP4+ CONTROL ROD ASSEMBLY



ITEM	PART #	QTY.	DESCRIPTION
1	206243	1	CONTROL ROD SHORT AP4+ NATURAL PVDF
2	ENV200340	1	ADAPTER CTRL ROD AP4 17-4SS
3	ENV201209	1	AP4 CTRL ROD UPPER STOP PVDF
4	ENV201609	1	DOW PIN .0939/.0941 DIA X 1/2 316SS
5	ENV201610	1	DOW PIN .0939 / .0941 DIA 5/8 316SS

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES DIM & TOL STD 1 UNLESS OTHERWISE SPECIFIED CENTERLINE VARIANCE STD 1.0416 (1/2013) HOLE TOLERANCE STD 1.0417 (1/2013) SURF & EDGES STD 1.0420 THREADS STD 1.0420 SURFACE ROUGHNESS STD 1.0470 (1/2013) C-PING GROOVE STD 1.0441		DRAWN BY TR	DATE 03-21-23
		CHECKED BY -	DATE -
		APPROVED BY -	DATE -
		MATERIAL -	
NEXT ASSY USED ON		FINISH -	
		DWG. NO. 95368	REV. A
		SCALE 1:1	SHEET 3 OF 3

