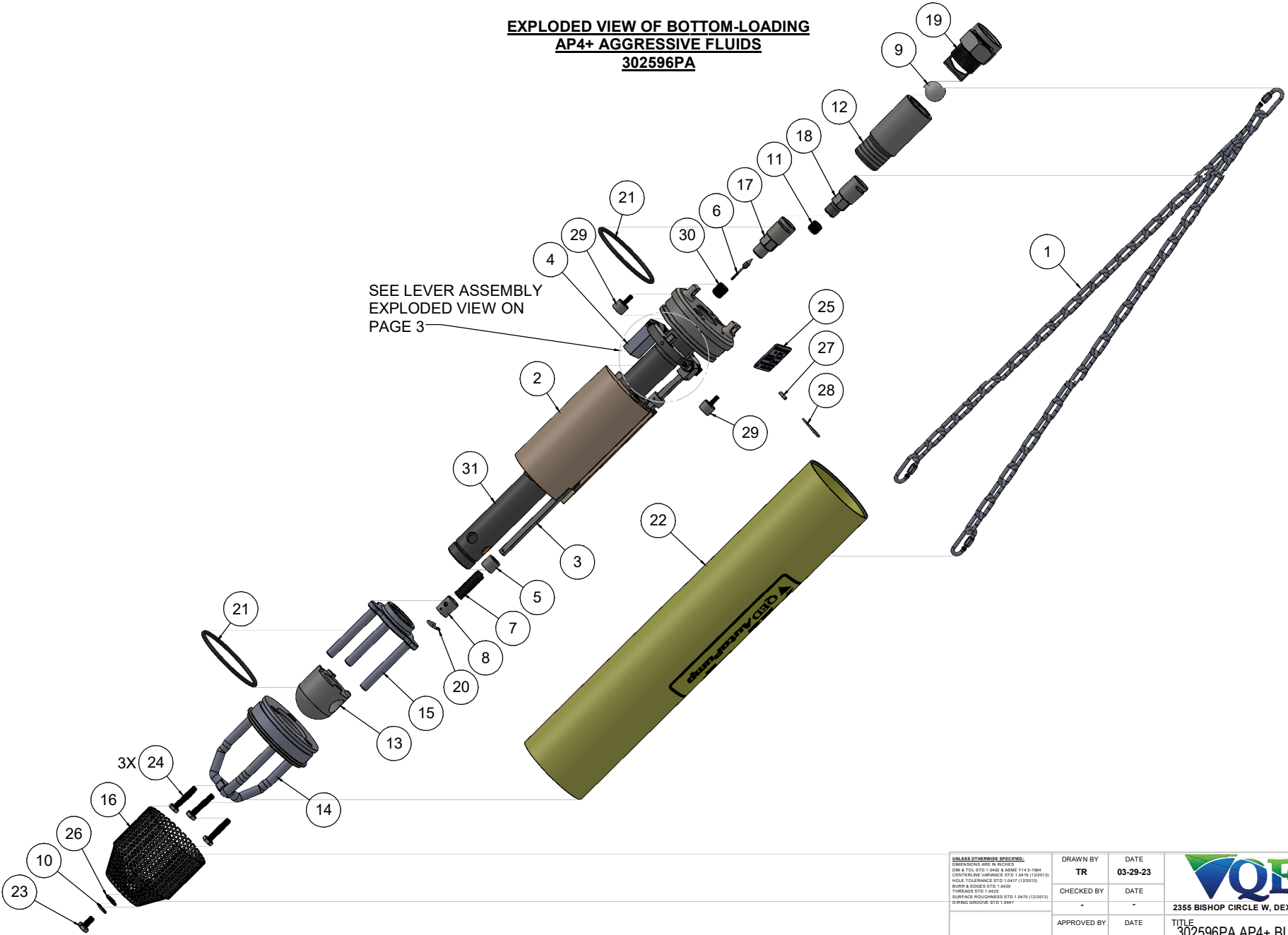


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**EXPLODED VIEW OF BOTTOM-LOADING
AP4+ AGGRESSIVE FLUIDS
302596PA**



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES DIM & TOL STD 1 (ASME Y14.5-1994) CENTERLINE VARIANCE STD 1 (ASME Y14.5-1994) HOLE TOLERANCE STD 1 (ASME Y14.5-1994) BURN & EDGES STD 1 (ASME Y14.5-1994) THREADS STD 1 (ASME Y14.5-1994) SURFACE FINISH STD 1 (ASME Y14.5-1994) CIRCLIP GROOVE STD 1 (ASME Y14.5-1994)		DRAWN BY TR	DATE 03-29-23
		CHECKED BY -	DATE -
		APPROVED BY -	DATE -
NEXT ASSY -		MATERIAL -	
USED ON -		FINISH -	
		SCALE 1:12	
		SHEET 1 OF 3	



2355 BISHOP CIRCLE W, DEXTER, MI. 48130

TITLE
302596PA AP4+ BL LDD
DISTRIBUTOR/SERVICE
DRAWING

DWG. NO. 95411

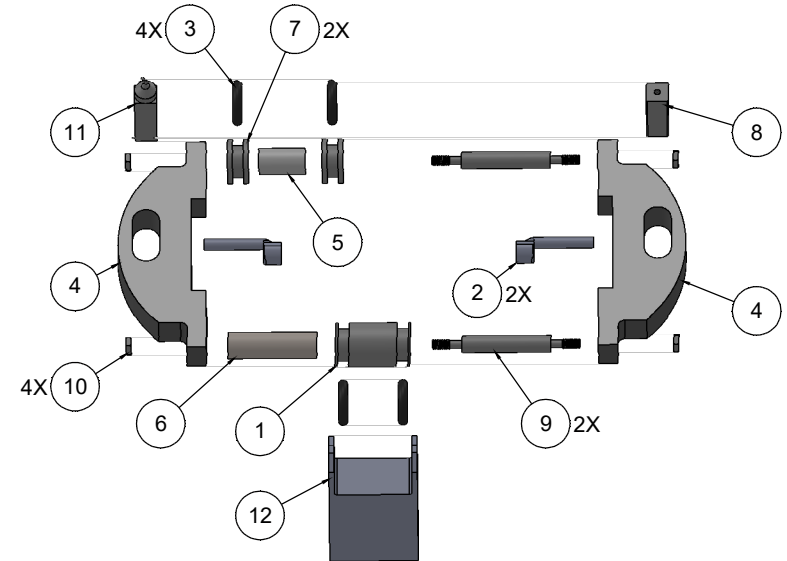
REV.
A

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ITEM	PART #	QTY.	DESCRIPTION
1	300984	1	HARNESS SUPPORT 316SS CHAIN
2	302598	1	FLOAT, AP4LD A-1
3	303090	1	CONTROL ROD ASSY LDD AP4+ 316SS
4	303208	1	LEVER ASSY AP4 PVDF ALL 316S 120PSI W/POPPET BUSHING
5	ENV201210	1	AP-4 CONTROL ROD SLIDING STOP PVDF
6	ENV201615	1	POPPET INTAKE 200 PSI AP4 303SS
7	ENV201628	1	SPRING CTRL ROD AP4 LDD 316SS
8	ENV201664	1	AP4 CONTROL ROD SPRING CUP
9	ENV201852	1	BALL 7/8 GRADE 1 TEFLON
10	ENV202886	1	WASHER 1/4 SPLIT LOCK 316 SS
11	ENV205543	1	316 SS LDD AP-4 EXHAUST POPPET SEAT
12	ENV205601	1	HOUSING, CHECK 1" MPT x 1" FPT 316 S.S.
13	ENV206112	1	POPPET AP4 BCV VISOUS FLUID
14	ENV206187	1	INLET, CASTING -AP4+ MACHINED 316SS
15	ENV206195	1	SPIDER, CASTING -AP4+MACHINED 316LSS
16	ENV206198	1	SCREEN ANGLE, AP4+ 316LS
17	ENV206210	1	HOUSING EASY-FITTING AIR 1/4 MPT
18	ENV206213	1	HOUSING EASY-FITTING EXH 1/4 MPT
19	ENV206216	1	HOUSING, ADAPTER EZ-FITTINGS DISCHARGE 1" MPT
20	ENV206247	1	HAIRPIN, AP4 CTRL ROD/SPRING CUP PIN HASTELLOY C276
21	ENV206273	2	O-RING PARKER VITON 2-235 V747-75
22	ENV206285	1	CASING, FRP AP+ LDD LABELED
23	ENV206289	1	SCREW, 1/4-20 X 1/2" LONG HEX HD CAP - 316SS
24	ENV206362	3	SCREW, 1/4"-20 X 1-1/4" FL/THR HEX CAP, W/VIT, W/VIBRA-TITE
25	ENV206408	1	TAG AP4+ ATEX
26	ENV206437	1	WASHER 1/4 FLAT 316 SS
27	ENV206446	1	SLEEVE FOR 1/16 DIA CABLE 316 SS
28	ENV206447	0.25	CABLE 1/16 DIA 316 SS
29	ENV301083	2	AP4 250 DEG 316 SS MAGNET W/EPOXY
30	ENV301085	1	AP4 INTAKE SEAT ASSY 316 SS 200 PSI
31	ENV303089	1	AP4+LD 316SSFRAME W/200PSI SEAT

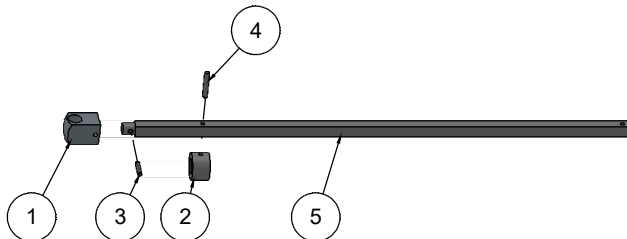
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES DIM & TOL STD 1 (ASME Y14.5-1994) CENTERLINE VARIANCE STD 1 (ASME Y14.5-1994) HOLE TOLERANCE STD 1 (ASME Y14.5-1994) SURF & EDGES STD 1 (ASME Y14.5-1994) THREADS STD 1 (ASME Y14.5-1994) SURFACE ROUGHNESS STD 1 (ASME Y14.5-1994) CIRCLING GROOVES STD 1 (ASME Y14.5-1994)	DRAWN BY TR	DATE 03-29-23	 2355 BISHOP CIRCLE W, DEXTER, MI. 48130	
	CHECKED BY -	DATE -		
	APPROVED BY -	DATE -		
	TITLE 302596PA AP4+ BL LDD DISTRIBUTOR/SERVICE DRAWING			
	NEXT ASSY - USED ON -			
SCALE 1:16		SHEET 2 OF 3		

303208 - AP4+ LDD LEVER ASSEMBLY



ITEM	PART #	QTY.	DESCRIPTION
1	200330	1	AP-4 COUNTERWEIGHT ROLLER
2	206445	2	POPPET BUSHING NITRONIC 60 AP4 LEVER
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	ENV201617	1	POPPET CONNECT INT AP4 200 PSI 316 SS
9	ENV201626	2	LEVER CONNECTING PIN 316SS
10	ENV202889	4	NUT SMALL PATTERN, 316SS, 4-40, LEVER CONNECTOR
11	ENV205542	1	POPPET EXHAUST AP-4 LDD 316 SS
12	ENV206009	1	316 SS AP4 LDD COUNTERWEIGHT

303090 - AP4+ LDD CONTROL ROD ASSEMBLY



ITEM	PART #	QTY.	DESCRIPTION
1	ENV200340	1	ADAPTER CTRL ROD AP4 17-4SS
2	ENV201209	1	AP4 CTRL ROD UPPER STOP PVDF
3	ENV201609	1	DOW PIN .0939/.0941 DIA X 1/2 316SS
4	ENV201610	1	DOW PIN .0939 / .0941 DIA 5/8 316SS
5	ENV206272	1	CONTROL ROD LDD AP-4+ NATURAL PVDF

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) BURN & EDGES STD 1 (MIL & ASME Y14.5-1994) THREADS STD 1 (MIL & ASME Y14.5-1994) SURFACE ROUGHNESS STD 1 (MIL & ASME Y14.5-1994) CAMING GROOVES STD 1 (MIL & ASME Y14.5-1994)		DRAWN BY TR	DATE 03-29-23
		CHECKED BY -	DATE -
		APPROVED BY -	DATE -
NEXT ASSY - USED ON -	MATERIAL - FINISH -	 2355 BISHOP CIRCLE W, DEXTER, MI. 48130 TITLE 302596PA AP4+ BL LDD DISTRIBUTOR/SERVICE DRAWING	
		DWG. NO. 95411	REV. A
		SCALE 1:4	SHEET 3 OF 3