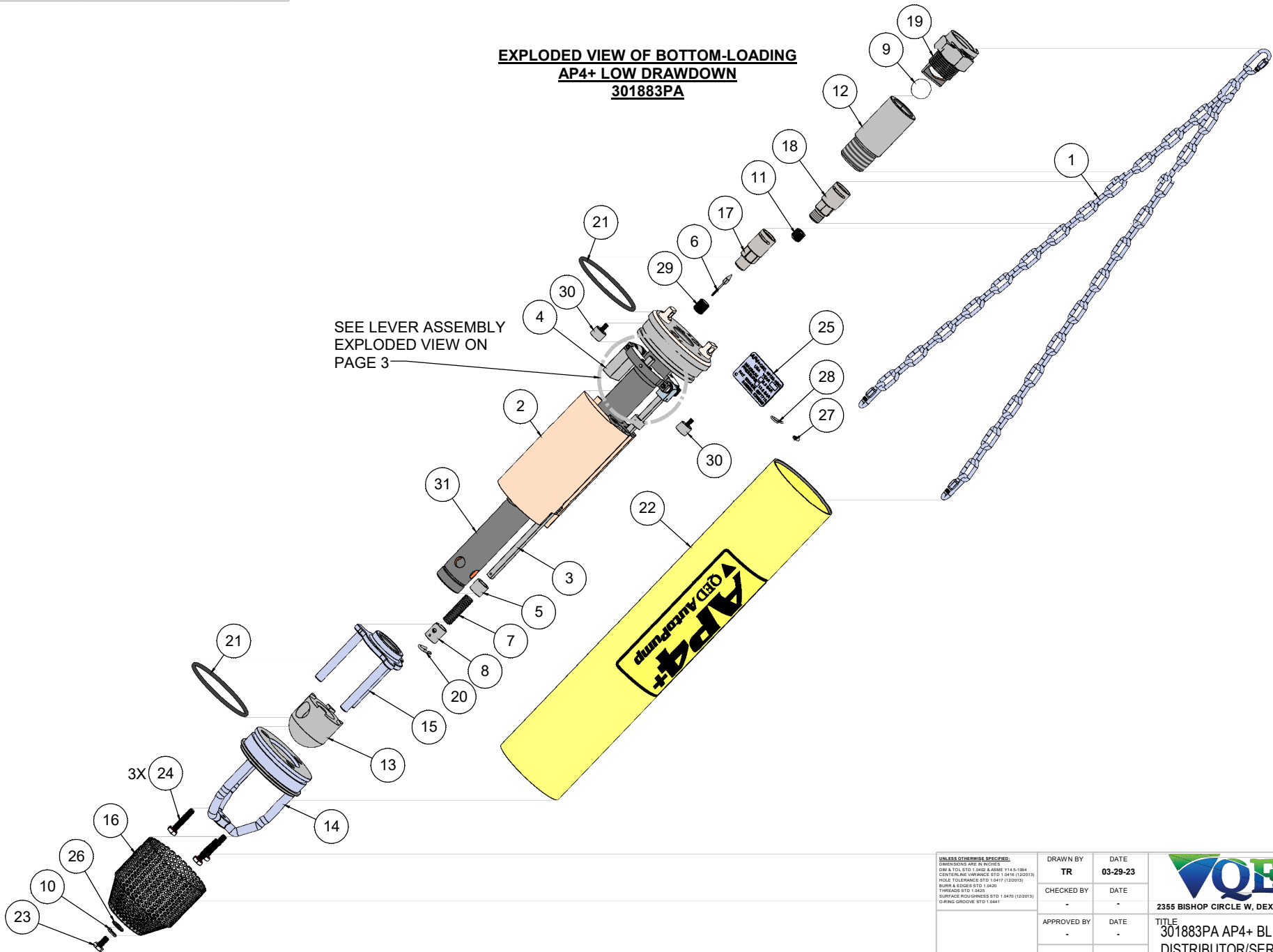


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**EXPLODED VIEW OF BOTTOM-LOADING
AP4+ LOW DRAWDOWN
301883PA**

SEE LEVER ASSEMBLY
EXPLODED VIEW ON
PAGE 3



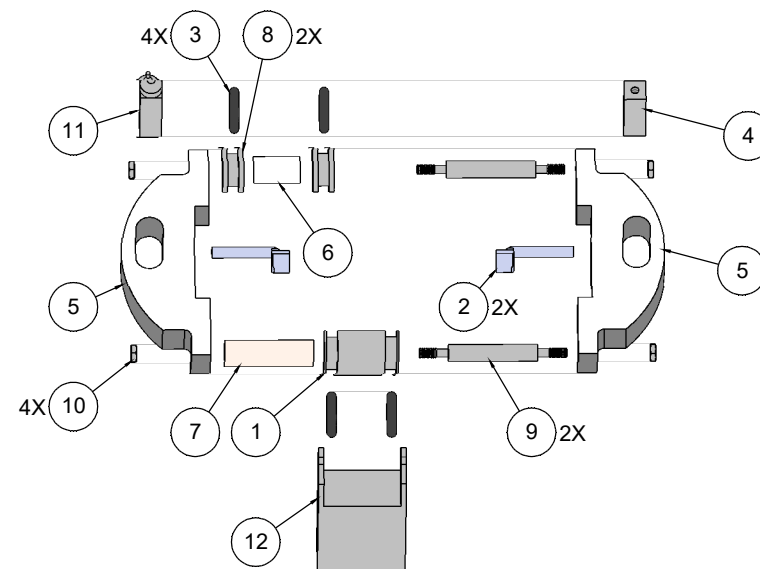
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES DIM & TOL STD 1 (MIL & ASME Y14.5-1994) CENTERLINE VARIANCE STD 1 (MIL & ASME Y14.5-1994) HOLE TOLERANCE STD 1 (MIL & ASME Y14.5-1994) BURN & EDGES STD 1 (MIL & ASME Y14.5-1994) THREADS STD 1 (MIL & ASME Y14.5-1994) SURFACE FINISH STD 1 (MIL & ASME Y14.5-1994) CIRCLING GROOVE STD 1 (MIL & ASME Y14.5-1994)	DRAWN BY TR	DATE 03-29-23	 2355 BISHOP CIRCLE W, DEXTER, MI. 48130 TITLE 301883PA AP4+ BL LDD DISTRIBUTOR/SERVICE DRAWING DWG. NO. 95392 SCALE 1:12 SHEET 1 OF 3
	CHECKED BY -	DATE -	
	APPROVED BY -	DATE -	
	NEXT ASSY -	MATERIAL -	
USED ON	FINISH -		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	303053	1	CTRL ROD ASSY LDD AP4+
4	303205	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	ENV203037	1	SEAT EXHAUST AP4 LDD 303SS
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	ENV301085	1	AP4 INTAKE SEAT ASSY 316 SS 200 PSI
30	ENV303001	2	AP4 150 DEG 316 SS MAGNET W/EPOXY
31	ENV303089	1	AP4+LD 316SSFRAME W/200PSI SEAT

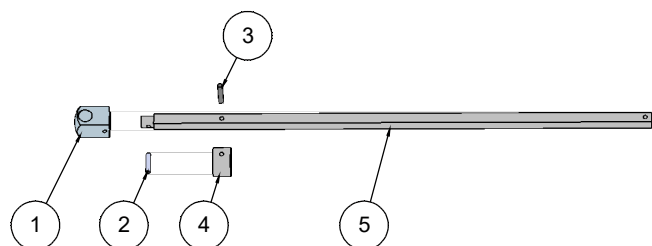
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES DIM & TOL STD 1 (ASME Y14.5-1994) CENTERLINE VARIANCE STD 1 (ASME Y14.5-1994) HOLE TOLERANCE STD 1 (ASME Y14.5-1994) BURN & EDGES STD 1 (ASME Y14.5-1994) THREADS STD 1 (ASME Y14.5-1994) SURFACE ROUGHNESS STD 1 (ASME Y14.5-1994) CHAMFING GROOVES STD 1 (ASME Y14.5-1994)	DRAWN BY	DATE	 2355 BISHOP CIRCLE W, DEXTER, MI. 48130
	TR	03-29-23	
	CHECKED BY	DATE	
	-	-	
	APPROVED BY	DATE	
-	-	TITLE 301883PA AP4+ BL LDD DISTRIBUTOR/SERVICE DRAWING	
NEXT ASSY -	MATERIAL -	DWG. NO. 95392	REV A
USED ON -	FINISH -	SCALE 1:16	SHEET 2 OF 3

303205 - 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	ENV200665	1	200 PSI INTAKE POPPET 316SS CONNECTOR
5	ENV201033	2	LEVER HALF AP4 PVDF
6	ENV201052	1	316 SS CONTROL ROD ADAPTER BUSHING
7	ENV201053	1	BUSHING AP-4 COUNTERWEIGHT 316SS
8	ENV201458	2	ROLLER CTRL ROD AP4 PVDF
9	ENV201626	2	LEVER CONNECTING PIN 316SS
10	ENV202889	4	NUT SMALL PATTERN, 316SS, 4-40, LEVER CONNECTOR
11	ENV203036	1	POPPET EXHAUST AP-4 LDD 303 SS
12	ENV206008	1	COUNTERWEIGHT AP4LD 303 SS

303053 - AP4+ LDD CONTROL ROD ASSEMBLY



ITEM	PART #	QTY.	DESCRIPTION
1	ENV200340	1	ADAPTER CTRL ROD AP4 17-4SS
2	ENV200342	1	PIN DOW .0938 +.0002/-.0001 X 1/2 LG 18-8SS
3	ENV200344	1	DOW PIN .0939/.0941 X 5/8 LG 18-8SS
4	ENV201209	1	AP4 CTRL ROD UPPER STOP PVDF
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)
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)
C-PING FINISH STD 1 (MIL & ASME Y14.5-1994)

DRAWN BY TR	DATE 03-29-23	 2355 BISHOP CIRCLE W, DEXTER, MI. 48130 TITLE 301883PA AP4+ BL LDD DISTRIBUTOR/SERVICE DRAWING
CHECKED BY -	DATE -	
APPROVED BY -	DATE -	
NEXT ASSY USED ON	MATERIAL FINISH	
DWG. NO. 95392		REV. A
SCALE 1:4		SHEET 3 OF 3