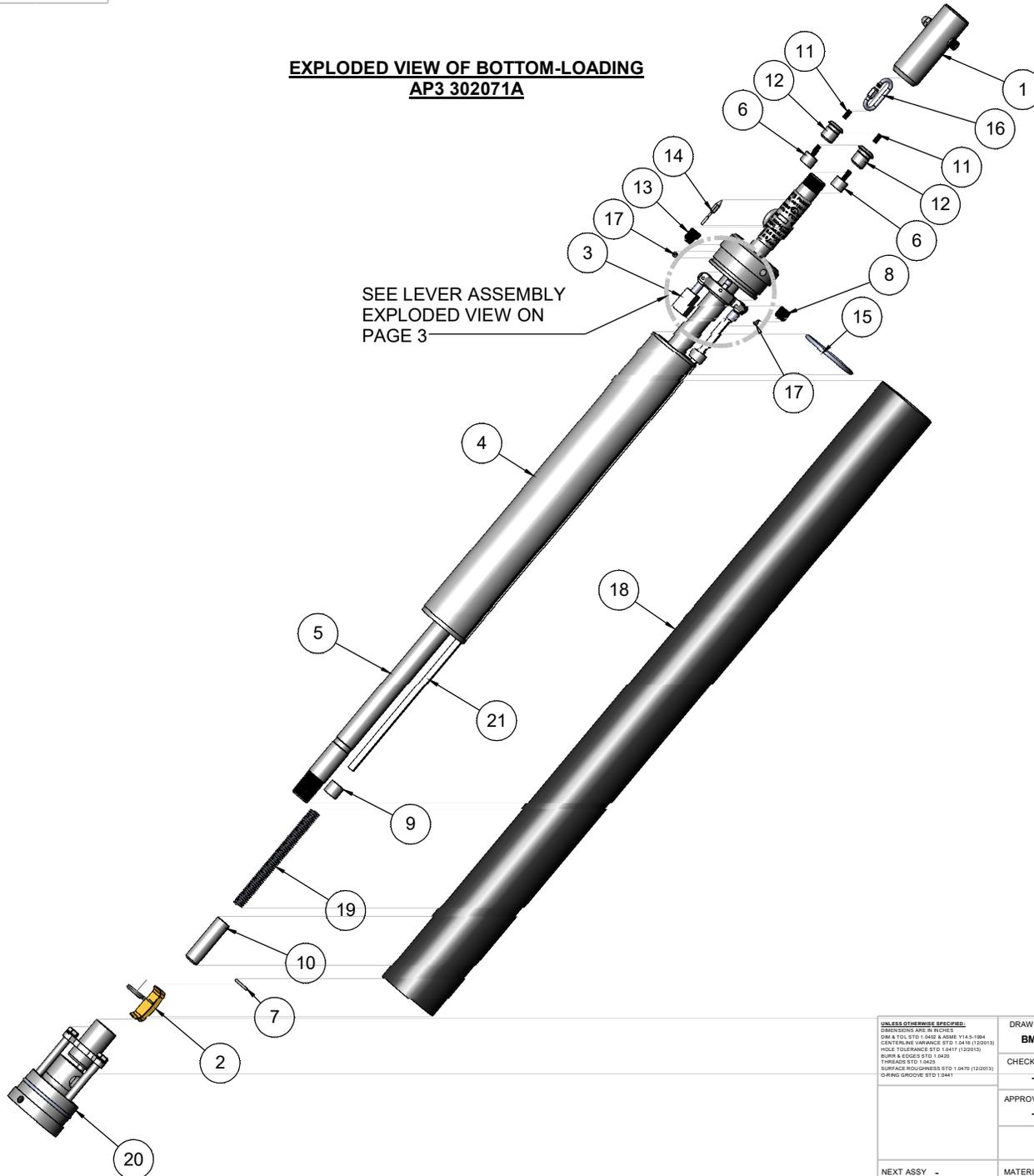


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**EXPLODED VIEW OF BOTTOM-LOADING
AP3 302071A**



SEE LEVER ASSEMBLY
EXPLODED VIEW ON
PAGE 3

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
DIM & TOL STD: ISO & ASME Y14.5-1994
CENTERLINE VARIANCE STD: 1.0416 (1/2013)
HOLE TOLERANCE STD: 1.0417 (1/2013)
BURN & EDGES STD: 0.0420
THREADS STD: UNAS
SURFACE ROUGHNESS STD: 1.0470 (1/2013)
CURVES: RND0.016 (1/2014)

DRAWN BY BMC	DATE 6/4/2025
CHECKED BY -	DATE -
APPROVED BY -	DATE -



TITLE
**302071A AP3 BL
DISTRIBUTOR/SERVICE
DRAWING**

NEXT ASSY -	MATERIAL -	DWG. NO. 95412	REV. -
USED ON -	FINISH -	SCALE 1:8	SHEET 1 OF 3

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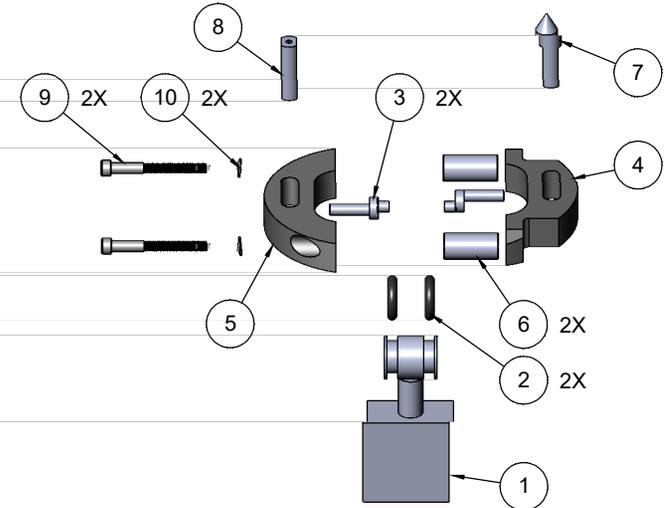
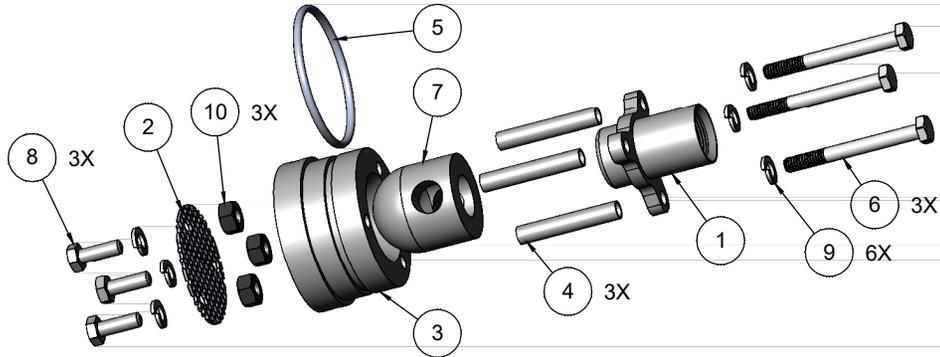
ITEM	PART #	QTY.	DESCRIPTION
1	300690	1	CHECK VALVE 1/2 FPT X 3/4 FPT 303SS
2	300703	1	CTRL ROD GUIDE ASSEMBLY AP3 SS
3	301141	1	AP3 SHORT LEVERS ASSEMBLY
4	301144	1	FLOAT ASSY SHORT AP3 TL AND BL
5	302855	1	FRAME AP3 SHORT ATEX
6	303002	2	AP3 MAGNET ASSY W/EPOXY
7	ENV200344	1	DOW PIN .0939/.0941 X 5/8 LG 18-8SS
8	ENV200663	1	SEAT EXHAUST 200PSI FOR AP3
9	ENV201210	1	AP-4 CONTROL ROD SLIDING STOP PVDF
10	ENV201211	1	AP4 PVDF (KYNAR) SPRING CUP
11	ENV201258	2	10-32 x 3-8 CP SKT SET 18-8 SS
12	ENV201267	2	CAP AP3 MAGNET WELL 303SS
13	ENV201457	1	SEAT INTAKE FOR AP-3 18-8 SS
14	ENV201671	1	POPPET INTAKE FOR AP-3 303SS
15	ENV201748	1	O-RING PARKER 2-140 VITON V747-75
16	ENV202515	1	QUICK LINK 3/16" 316 SS
17	ENV202889	2	NUT SMALL PATTERN, 316SS, 4-40, LEVER CONNECTOR
18	ENV202903	1	CASING SHORT AP3 FRP
19	ENV206261	1	SPRING SHORT AP3 HASTELLOY C276
20	ENV301147	1	AP-3 BL BCV ASSEMBLY
21	ENV301204	1	CTRL ROD ASSY FOR SHORT AP-3 BL

<small>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 GROUPS STD 1 (ASME Y14.5-1994)</small>	DRAWN BY BMC	DATE 6/4/2025	 2355 BISHOP CIRCLE W, DEXTER, MI. 48130
	CHECKED BY -	DATE -	
	APPROVED BY -	DATE -	
	TITLE 302071A AP3 BL DISTRIBUTOR/SERVICE DRAWING		
NEXT ASSY -	MATERIAL -	DWG. NO. 95412	REV. -
USED ON -	FINISH -	SCALE 1:8	SHEET 2 OF 3

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301141 - AP3 LEVER ASSEMBLY

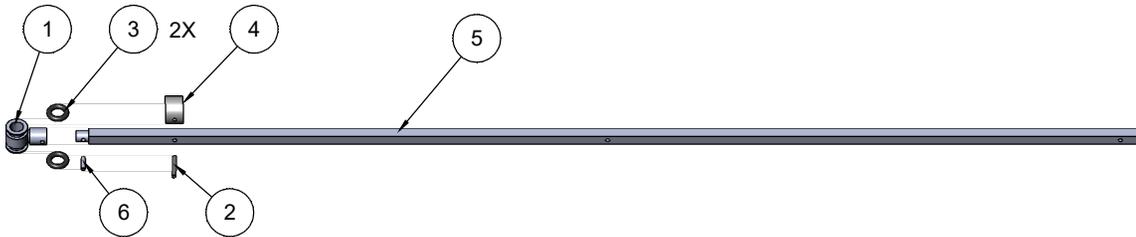
ENV301147 - AP3 BL BCV ASSEMBLY



ITEM	PART #	QTY.	DESCRIPTION
1	300386	1	COLLAR ADAPTOR WELD ASSY AP3 B
2	ENV201378	1	SCREEN BOTTOM INLET AP-3 304SS
3	ENV201727	1	SEAT BCV AP3 BL 303SS
4	ENV201731	3	BCV BOLT SLEEVE AP3 BL
5	ENV201748	1	O-RING PARKER 2-140 VITON V747-75
6	ENV201752	3	SCREW 1/4-20 PART THREADED 18-8 SS
7	ENV201778	1	PLUG BCV AP3 BL
8	ENV201784	3	SCREW 1/4-20 X 3/4 HEX HD 18-8SS
9	ENV202886	6	WASHER 1/4 SPLIT LOCK 316 SS
10	ENV202930	3	NUT 5/16-18 FINISHED HEX 18-8

ITEM	PART #	QTY.	DESCRIPTION
1	300433	1	COUNTERWEIGHT AP3 SHORT SS
2	ENV200496	2	O-RING PARKER 2-109 VITON V747-75
3	ENV201197	2	POPPET CRANK PIVOT PIN AP3
4	ENV201263	1	AP-3 AIR EXHAUST LEVER BLANK
5	ENV201264	1	LEVER INT AP3 ACETAL
6	ENV201266	2	BUSHING ROLLER AP3 304SS
7	ENV201282	1	POPPET EXH AP3 303SS
8	ENV201283	1	POPPET INT AP3 CONN 303SS
9	ENV201631	2	18-8 S.S. LEVER SCREW
10	ENV201632	2	S.S. LEVER SCREW LOCK WASHER

ENV301204 - AP3 CONTROL ROD ASSEMBLY



ITEM	PART #	QTY.	DESCRIPTION
1	300316	1	ROLLER ASSY AP-3 CTRL ROD HOLE
2	ENV200344	1	DOW PIN .0939/.0941 X 5/8 LG 18-8SS
3	ENV200496	2	O-RING PARKER 2-109 VITON V747-75
4	ENV201209	1	AP4 CTRL ROD UPPER STOP PVDF
5	ENV202911	1	CONTROL ROD SHORT AP3 NYLON
6	ENV205102	1	DOWEL PIN 3/32 X 3/8 18-8 SS

<small>UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES DIM & TOL STD: ISO & ASME Y14.5-1994 CENTERLINE VARIANCE STD: 10416 (1/2013) HOLE TOLERANCE STD: 10417 (1/2013) SURF & EDGES STD: 0420 THREADS STD: 15420 SURFACE ROUGHNESS STD: 10470 (1/2013) CHAMF GROOVE STD: 10441</small>	DRAWN BY BMC	DATE 6/4/2025	 2355 BISHOP CIRCLE W, DEXTER, MI. 48130 TITLE 302071A AP3 BL DISTRIBUTOR/SERVICE DRAWING
	CHECKED BY -	DATE -	
	APPROVED BY -	DATE -	
NEXT ASSY - USED ON -	MATERIAL - FINISH -	DWG. NO. 95412 SCALE 1:1	REV. - SHEET 3 OF 3