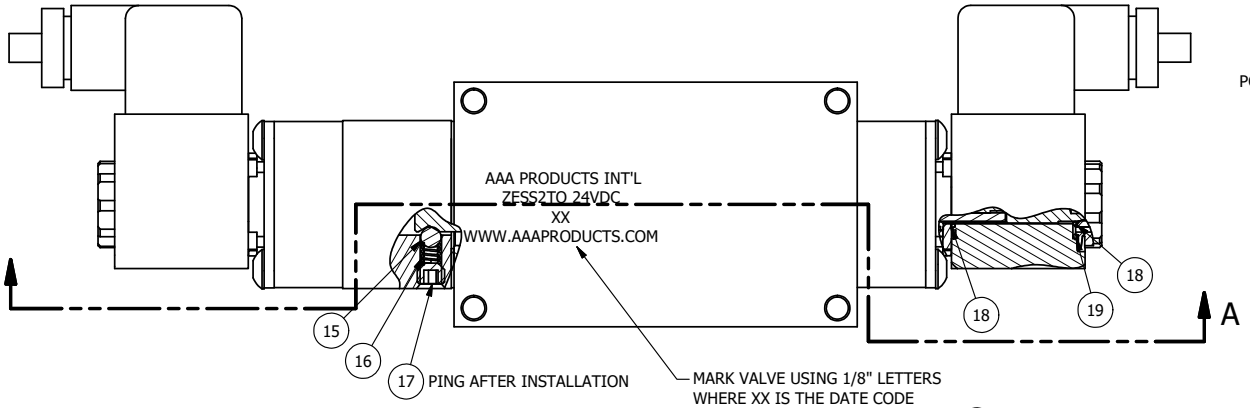
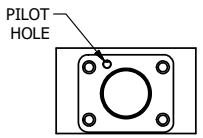
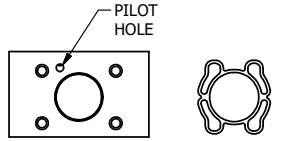
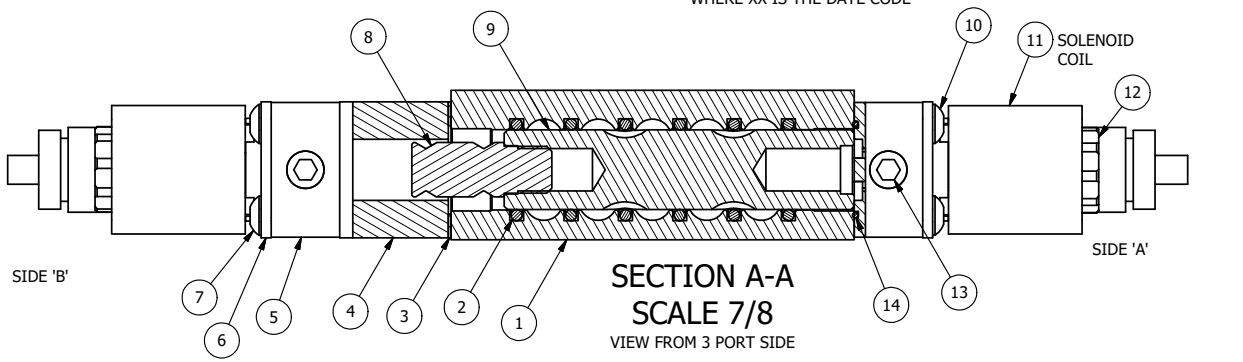




POSITION GASKET AND PEC3-18-Z
ON END OF VALVE TO ALIGN
PILOT HOLES (SIDE 'B' ONLY)



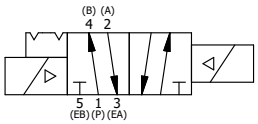
ALIGN PILOT AND SLOT IN ADAPTOR
WITH GASKET IN BETWEEN, BOTH SIDES
FOR EXTERNAL PILOT OPERATION - ROTATE ADAPTOR
180 DEGREES. REMOVE 1/8" NPTF PLUG AND
SUPPLY 50-150 PSI TO 1/8" NPTF PILOT PORT IN ADAPTOR.



SECTION A-A
SCALE 7/8
VIEW FROM 3 PORT SIDE

FLG	QTY	PART NO	DESCRIPTION
19	2	V-607	O-RING, VITON, 75 DURO, 14MM X 1MM, IP67 NUT SEAL
18	4	V-606	O-RING, VITON, 75 DURO, 8MM X 1MM, IP67 STEM SEAL
17	1	V-21-SS	SCREW, 1/4-20 X 3/16, SOCKET SET, CUP POINT, 18-8 SS
16	1	DS3-1	SPRING, DETENT, STAINLESS, 1/4" & 3/8" VALVE. LEE SPRING # LC 029B 0 S.
15	1	V-14	BALL, CHROME STEEL 3/16 DIA, GRADE 25, FOR DETENT
14	2	EMG3	GASKET - END MOUNT SOLENOID, BUNA-N, 1/4" & 3/8" VALVES
13	2	V-19-SS	PLUG, 1/8-27 NPT, 7/8 TAPER, FLUSH SEAL, SOCKET PIPE PLUG, STAINLESS
12	2	V-556	NUT, SOLENOID, TOP EXHAUST, KNURLED
11	2	V-612-3	ATEX COIL 24 VDC WITH 3 METER CORD. NASS # 1215 30.1-001/6896.
10	4	V-584-SS	SCREW, 10-24 X 1, BUTTON HEAD SOCKET CAP, 18-8 OR 303 SS
9	1	S3R	SPOOL - SOLID, STANDARD, 2 POS, CLSD CTR, 1/4" & 3/8" VALVE
8	1	PBS3-13	STUD - POS. A & C. DETENT, SOLENOID OPERATOR, STAINLESS, 1/4" & 3/8" VALVE
7	4	V-585-SS	SCREW, 10-24 X 2-1/8, SOCKET BUTTON HEAD, 18-8 STAINLESS
6	2	SEC3-7	PLATE, RE-INFORCEMENT, SOLENOID, STAMPED, 304 STAINLESS
5	2	V-550-1	SOL OPER, END MOUNT, NON-LOCKING O'RIDE
4	1	PEC3-18-Z	END CAP, SPACER, DETENT, SOLENOID, 360 BRASS, 1/4" & 3/8" VALVES
3	1	BG3	GASKET - END CAP, 1/4" & 3/8" VALVE
2	6	V-39	O-RING, VITON, STD BODY, 1/4" & 3/8" VALVES
1	1	ZB2-1	BODY - BRASS, UPPER PILOTS (BUTTON BLEEDER), 1/4" SIDE PORT VALVE

NOTES:
1) ALWAYS GIVE VALVE MODEL AND PART NUMBER WHEN ORDERING PARTS.
2) LUBRICATE DETENT BALL, SPRING AND STUD.



NO.	DATE	REVISION
A	6/13/2020	CHNGD ECG3 GASKET TO BG3.

LIMITS ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	2-PL DECIMAL ± .01 3-PL DECIMAL ± .005 FRACTIONAL ± 1/64 ANGULAR ± 1/2'	AAA PRODUCTS INTERNATIONAL	**AAA PRODUCTS INTERNATIONAL** **7114 Harry Hines Blvd** **Dallas, TX 75235**
DRAWN: RMcKenna	DATE: 5/23/2016	CHECKED: KWaite	DATE: 5/23/2016
SCALE: 1 : 1	SHEET: 1 OF 1	RELEASED: HWomack	DATE: 5/23/2016
TITLE: 1/4" SIDE PORT, DBL SOL, 2 POS, DETENT, SOL RTRN, BRASS & SS, ATEX, 24VC		PART NO.: ZESS2TQ 24VDC	REV.: A

THE INFORMATION CONTAINED WITHIN THIS DOCUMENT IS PROPRIETARY TO AAA PRODUCTS AND MAY NOT BE DISCLOSED WITHOUT PRIOR WRITTEN CONSENT

D:\Engineering\Product\Valves\Assembly\Standard\ESS\DWG\ZESS2TQ 24VDC.dwg