

4

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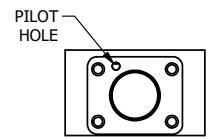
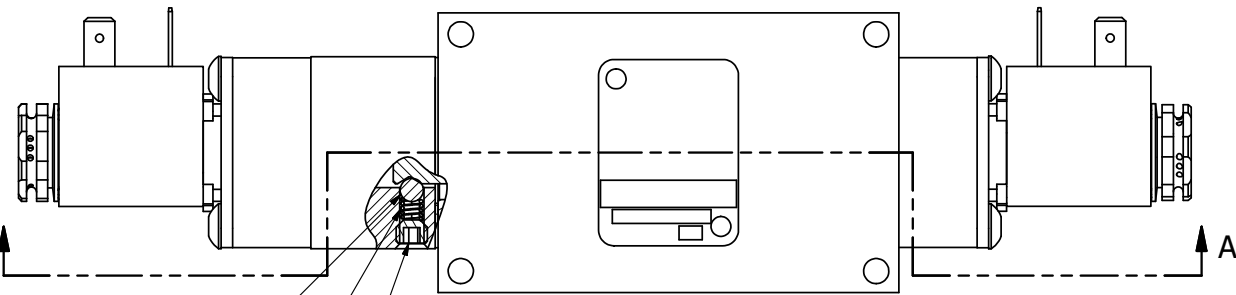


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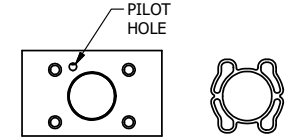
B

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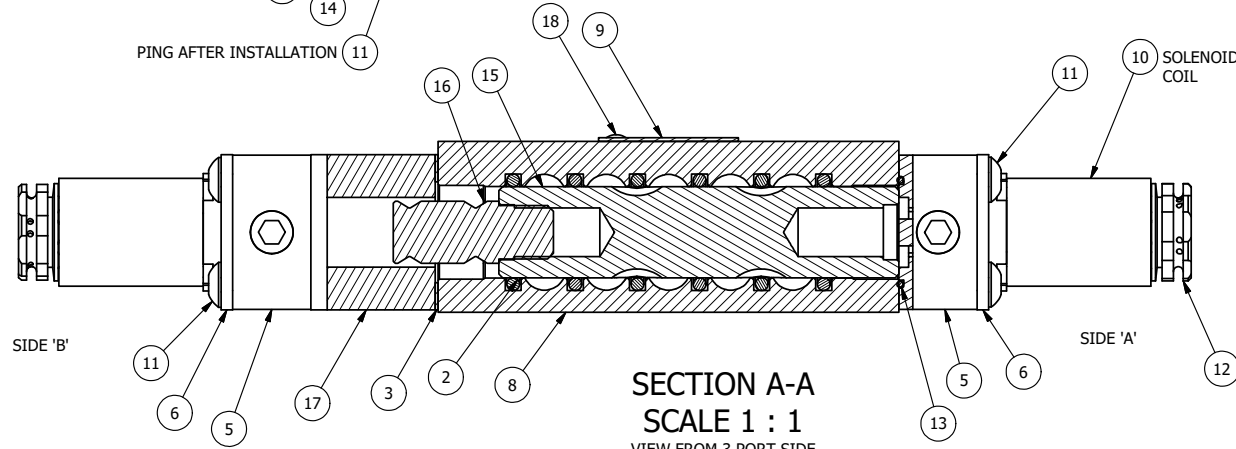
POSITION GASKET AND PEC3-18 ON END OF VALVE TO ALIGN PILOT HOLES (SIDE 'B' ONLY)



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.

- NOTES:
- 1) ALWAYS GIVE VALVE MODEL AND PART NUMBER WHEN ORDERING PARTS.
  - 2) LUBRICATE DETENT BALL, SPRING AND STUD.
  - 3) FOR DIFFERENT VOLTAGES OTHER THAN 120/60, REPLACE SOLENOID COIL WITH COIL LISTED IN TABLE BELOW.

PING AFTER INSTALLATION



SECTION A-A  
SCALE 1 : 1  
VIEW FROM 3 PORT SIDE

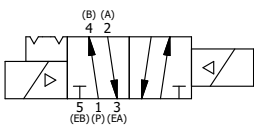
18	2	V-212	SCREW, #2 X 3/16 DRIVE, TYPE U, OVAL HEAD, STAINLESS STEEL
17	1	PEC3-18	ENDCAP, SPACER, DETENT, SOLENOID, 6061-T6, 1/4" & 3/8" VALVES
16	1	PBS3-13-SS	STUD - POS. A & C. DETENT, STAINLESS STEEL, 1/4" & 3/8" VALVE
15	1	S3R	SPOOL - SOLID, STANDARD, 2 POS, CLSD CTR, 1/4" & 3/8" VALVE
14	1	DS3	SPRING - DETENT, 1/4" & 3/8" VALVE
13	2	EMG3	GASKET - END MOUNT SOLENOID, BUNA-N, 1/4" & 3/8" VALVES
12	2	V-562	NUT, SOLENOID, SIDE EXHAUST
11	4	V-585	SCREW, 10-24 X 2-1/8, SOCKET BUTTON HEAD
11	4	V-584	SCREW, 10-24 X 1, BUTTON HEAD SOCKET CAP WITH MICROSPHERE APPLIED TO THREADS.
11	1	V-21	SCREW, 1/4-20 X 3/16, SOCKET SET, CUP POINT
10	2	V-551-1	THERMOPLASTIC ENCAPSULATED COIL 120V 50/60HZ, NASS P/N # 108-030-0455
9	1	AN-114	NAMEPLATE, BLANK, FOR VALVES WITH SPRINGS OR DETENTS
8	1	B2-1E	BODY - SOLID, BUTTON BLEEDER, ANODIZED, 1/4" SIDE PORT VALVE
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	V-14	BALL, CHROME STEEL 3/16 DIA, GRADE 25, FOR DETENT
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
FLG	QTY	PART NO	DESCRIPTION

LIMITS ON DIMENSIONS  
UNLESS OTHERWISE SPECIFIED  
2-PL DECIMAL ± .01  
3-PL DECIMAL ± .005  
FRACTIONAL ± 1/64  
ANGULAR ± 1/2°



DRAWN: RMckenna DATE: 3/6/2020 CHECKED: KWaite DATE: 3/6/2020  
SCALE: 1 : 1 SHEET: 1 OF 1 RELEASED: HWomack DATE: 3/6/2020

COIL VOLTAGES	
PART NO	REPLACE COIL
ESS2CQ 12VDC	V-551-2
ESS2CQ 24VDC	V-551-3
ESS2CQ 240/60	V-551-4



A NO.	DATE	CHNGD ECG3 GASKET TO BG3.	REVISION
4			

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

TITLE: 1/4" SIDE PORT, DBL SOL, 2 POS, DETENT, SOL RTN, 120/60, SIDE VENT	PART NO.: ESS2CQ	REV.: A
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P:\Engineering\product\valves\assembly\standards\SS10\DWG\ESS2CQ.dwg