

4

3

2

1

A

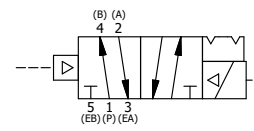
A

O-RING SIDE

SIDE 'B'

SIDE 'A'

SECTION A-A
SCALE 1 : 1



POSITION GASKET ON END OF VALVE
TO SEAL PILOT HOLE
SIDE 'B' ONLY

ALIGN PILOT AND SLOT IN ADAPTOR
WITH GASKET IN BETWEEN SIDE 'A' ONLY
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) FOR DIFFERENT VOLTAGES OTHER THAN 120/60, REPLACE SOLENOID COIL WITH COIL LISTED IN TABLE BELOW.
3) LUBRICATE DETENT BALL, SPRING AND STUD.

20	3	V-110	O-RING, BUNA-N, 70 DURO, AS-114, (REF 5/8 X 13/16 X 3/32), 1/4" SLEEVE, 1/2" SUB, STACK
19	2	V-212	SCREW, #2 X 3/16 DRIVE, TYPE U, OVAL HEAD, STAINLESS STEEL
18	1	AN-114	NAMEPLATE, BLANK, FOR VALVES WITH SPRINGS OR DETENTS
17	1	V-21	SCREW, 1/4-20 X 3/16, SOCKET SET, CUP POINT
16	1	DS3	SPRING - DETENT, 1/4" & 3/8" VALVE
15	1	V-14	BALL, 3/16 DIA, GRADE 25, CHROME STEEL
14	1	EMG3	GASKET - END MOUNT SOLENOID, BUNA-N, 1/4" & 3/8" VALVES
13	4	V-585	SCREW, 10-24 X 2-1/8, BUTTON HEAD SOCKET CAP
12	1	V-556	NUT, SOLENOID, TOP EXHAUST, KNURLED
11	1	V-569-1	SYSTEM 8 COIL 120 50/60.NASS # 0561 38.1 00/4984.
10	1	SEC3-7	PLATE, RE-INFORCEMENT, SOLENOID, STAMPED, 304 STAINLESS
9	1	V-550-1	SOL OPER, END MOUNT, NON-LOCKING O'RIDE
8	1	PEC3-18	ENDCAP, SPACER, DETENT, SOLENOID, 6061-T6, 1/4" & 3/8" VALVES
7	1	PBS3-13	STUD - POS. A & C. DETENT, SOLENOID OPERATOR, STAINLESS, 1/4" & 3/8" VALVE
6	1	S3R	SPOOL - SOLID, STANDARD, 2 POS, CLSD CTR, 1/4" & 3/8" VALVE
5	1	PEC3	END CAP, PILOT, 380 AL, 1/4" & 3/8" VALVE
4	4	V-38	SCREW, 10-24 X 3/4, SOCKET HEAD CAP
3	2	ECG3	GASKET - END CAP, 1/4" & 3/8" VALVE
2	6	V-39	O-RING, VITON, STD BODY, 1/4" & 3/8" VALVES
1	1	B3-10E	FINISHED - SOLID BODY, UPPER PILOTS, 3/8" STACKING VALVE
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: 9/22/2026

CHECKED: KWalte

DATE: 9/22/2026

SCALE: 1 : 1

SHEET: 1 OF 1

RELEASED: HWomack

DATE: 9/22/2026

TITLE:
3/8" STACK, SNGL SOL, 2 POS,
PILOT RTRN, FLYING LEAD, 120/60,
DETENT, EXT PILOT

PART NO.:
EBSR3MQZ

REV.:

COIL VOLTAGES	
PART NO	REPLACE COIL
EBSR3MQZ 12VDC	V-569-2
EBSR3MQZ 24VDC	V-569-3
EBSR3MQZ 240/60	V-569-4

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