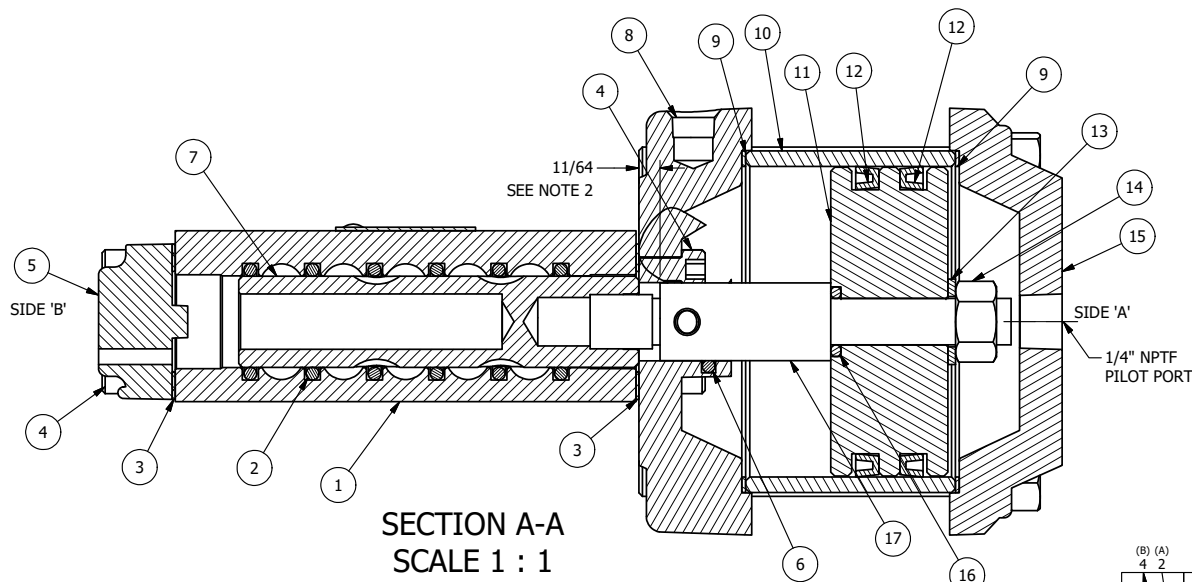


POSITION GASKET ON END OF VALVE SO MOUNTING HOLES ALIGN, BOTH ENDS (SIDE 'A' SHOWN)

NOTES:

- 1) ALWAYS GIVE VALVE MODEL AND PART NUMBER WHEN ORDERING PARTS.
- 2) INSERT AY-PYS3 LINKAGE ASSEMBLY INTO S3 SPOOL TO A GAP OF 11/64.
- 3) MINIMUM SHIFT PRESSURE OF 7 PSI ON PISTON PILOT PORTS.



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

22	4	V-242	SCREW, 5/16-18 X 3, HEX HEAD, PLATED
21	4	V-104-SS	STAR WASHER 5/16" STAINLESS STEEL.
20	4	V-105-SS	NUT, 5/16-18, HEX, STAINLESS STEEL
19	2	V-212	SCREW, #2 X 3/16 DRIVE, TYPE U, OVAL HEAD, STAINLESS STEEL
18	1	AN-115	NAMEPLATE, BLANK, FOR HE,KE,RR,D,CR,PP,SR,SS VALVES
17	1	AY-PYS3	PISTON OPERATOR LINKAGE ASSEMBLY 1/4" & 3/8" VALVES
16	1	V-89	O-RING, BUNA-N, 70 DURO, AS-110, (REF 3/8 X 9/16 X 3/32), 1" & 2" SUBPLATE PILOT
15	1	PBEC3	PISTON - ENCAP, BLIND, 1/4" & 3/8" VALVE
14	1	V-227	NUT, 3/8-16, HEX, PLATED
13	1	V-270	WASHER FLAT 3/8" CADMIUM PLATED FOR ALL PISTON OPERATORS
12	2	V-115	U-CUP, 2-1/2 X 2-1/8 X 3/16, NITRILE
11	1	YP3-A	2 1/2" PISTON - 2 POS., 1/4" & 3/8" VALVE
10	1	BRY3-1	BARREL, SPR CTR, 1/4" & 3/8" PISTON VALVE
9	2	V-165	GASKET - PISTON BARREL, 1/4" & 3/8" VALVE
8	1	PRCY3	PISTON - 3 POS., ROD END, 1/4" & 3/8" VALVE
7	1	S3	SPOOL - STANDARD, 2 POS, CLSD CTR, 1/4" & 3/8" VALVE
6	1	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
5	1	SEC3-A	END CAP, VENTED, SPRING BOSS, 380 AL, 1/4" & 3/8" VALVE
4	8	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	B2-2E	BODY - SOLID, PLAIN, NO PILOTS, ANODIZED, 1/4" SIDE PORT 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: RHuffstetter DATE: 7/16/1999

CHECKED: KWaite DATE: 3/26/2015

SCALE: 1 : 1 SHEET: 1 OF 1

RELEASED: HWomack DATE: 3/26/2015

TITLE:  
1/4" SIDE PORT, PISTON, 2 POS,  
FRICTION POS, PISTON RTRN

PART NO.:  
PP2

REV.:  
B

B	9/26/2014	CHANGED REAR END CAP TO ALUMINUM.
A	4/16/99	REDRAWN AND CONV TO CAD.
NO.	DATE	REVISION