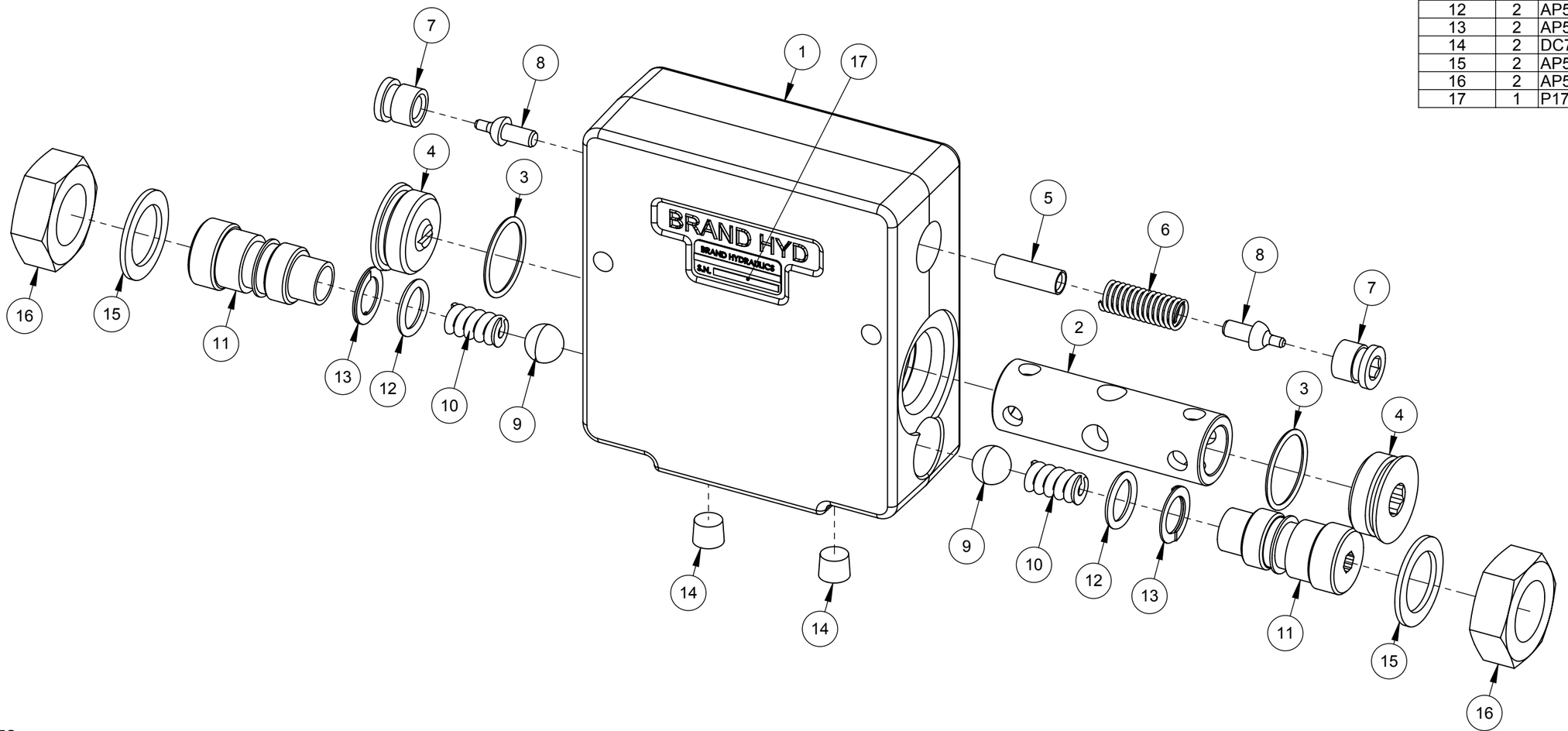
ITEM NO.	QTY.	P.N.	DESCRIPTION
1	1	B100AB37	B100AB37 MACHINED CASTING
2	1	C337	METERING SPOOL
3	2	P1737	O-RING, 2-021 90D
4	2	P1735	ORB PLUG
5	1	B509A	CHECK SPACER
6	1	B508D	SPRING
7	2	B5010A	PLUG, BALL SEAT
8	2	B507A	CHECK POPPET
9	2	B5067	1/2" BALL
10	2	B5054	SPRING
11	2	B5056	ADJ. SCREW
12	2	AP55	O RING, 2-113
13	2	AP58	BACK-UP, 8-011
14	2	DC7578	1/8 NPT PLUG
15	2	AP59	WASHER
16	2	AP56A	JAM NUT
17	1	P1740	NAME TAG



NOTES:

1. USE 768 (GREEN LOCTITE) ON ITEMS: (7) WHEN ASSEMBLING.
2. USE LOCTITE #5452 ON ITEMS (14) WHEN ASSEMBLING.

APPLICABLE KITS: INCLUDES ITEMS
(SEAL KIT) B100AB-K: (3) (12) (13)

REV.	DATE	DESCRIPTION

BRAND HYDRAULICS CO., INC
2332 SOUTH 25TH STREET, OMAHA NEBRASKA 68105

TITLE: VALVE, B100AB
NPT PORTS, 50:50 RATIO, FREE REVERSE FLOW, ADJ. BYPASS

MATERIAL: -

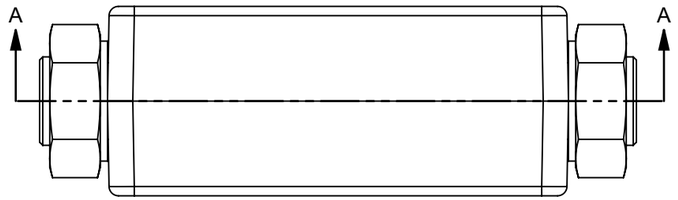
STANDARD TOLERANCE UNLESS NOTED:
0.00 ± 0.010 (0.015 GCI)
0.000 ± 0.005 (0.010 GCI)
⌀ = .005 TIR
FRACTION ± 1/32
ANGLE ± 2°
DIMENSIONS ARE IN INCHES

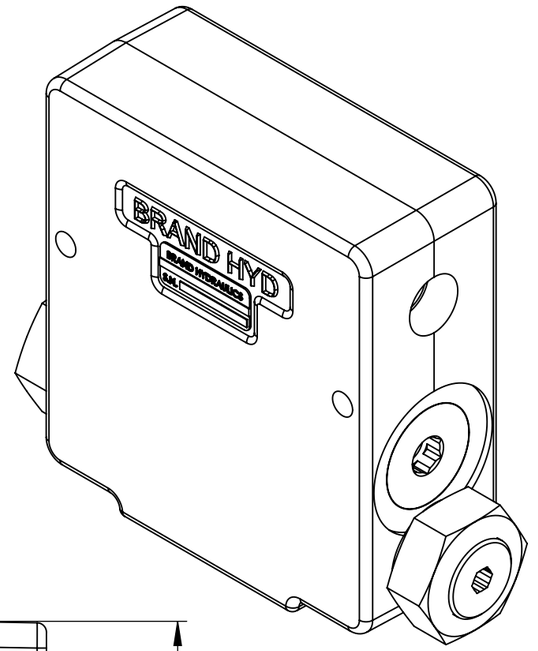
P/N ENDING IN "UF" HAVE NOT RECEIVED FINISH OPERATIONS

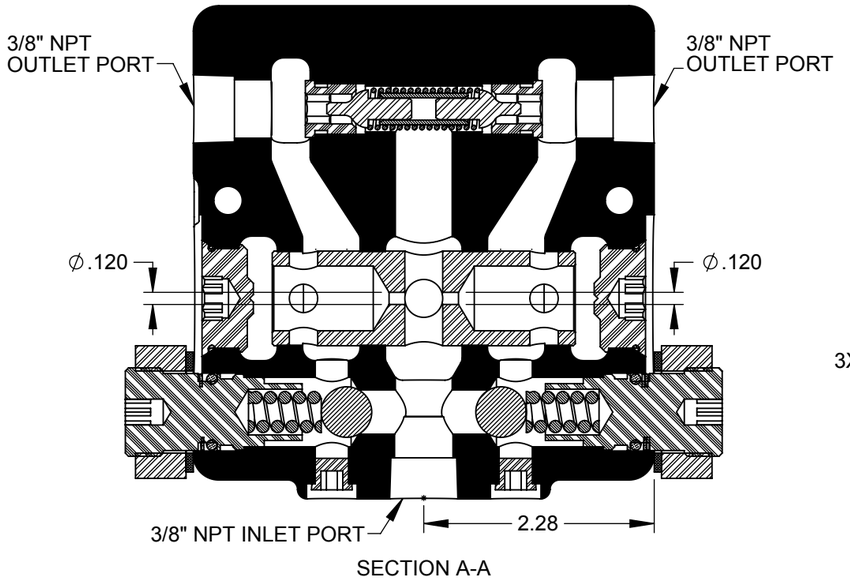
FINISHING SPECIFICATIONS:
HEAT TREAT: -±2RC X - ⇂
GRIND: -
PLATE: -

DRAWN BY: R. BATT
DATE: 08/20/2012
APRV'D BY:
APRV'D DATE:
SCALE: 1:1.5
FORMAT - B

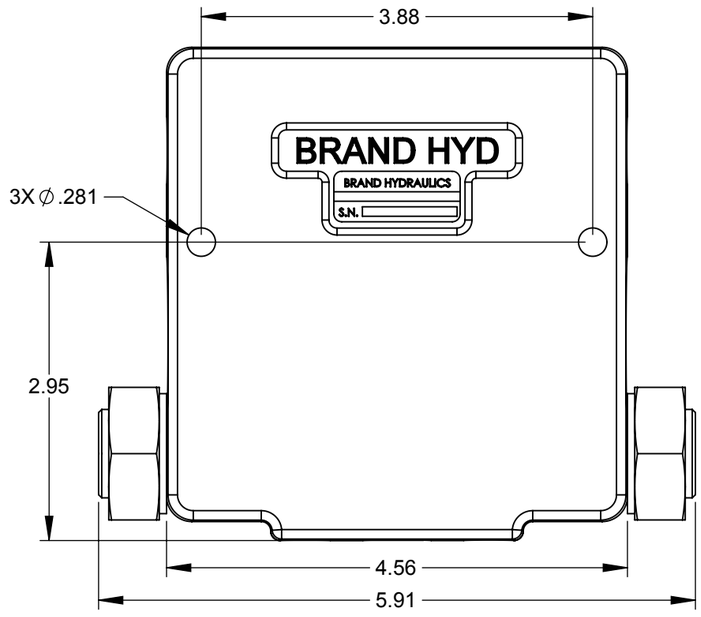
PART NO: B100AB-.375

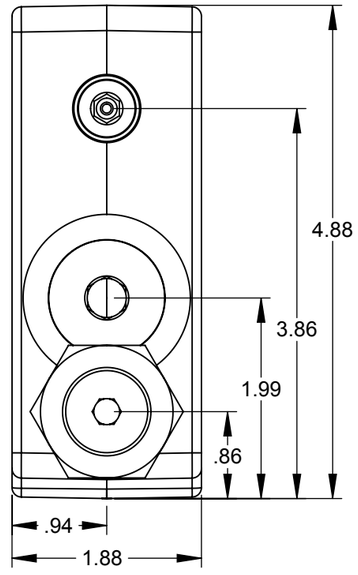






SECTION A-A





BRAND HYDRAULICS CO., INC
2332 SOUTH 25TH STREET, OMAHA NEBRASKA 68105

TITLE: VALVE, B100AB NPT PORTS, 50:50 RATIO, FREE REVERSE FLOW, ADJ. BYPASS			MATERIAL: -
STANDARD TOLERANCE UNLESS NOTED: 0.00 ± 0.010 (0.015 GCI) 0.000 ± 0.005 (0.010 GCI) ◎ = .005 TIR FRACTION ± 1/32 ANGLE ± 2° DIMENSIONS ARE IN INCHES	P/N ENDING IN "UF" HAVE NOT RECEIVED FINISH OPERATIONS FINISHING SPECIFICATIONS: HEAT TREAT: -±2RC X - ⇩ GRIND: - PLATE: -	DRAWN BY: R. BATT DATE: 08/20/2012 APRV'D BY: APRV'D DATE: SCALE: 2:3 FORMAT - B	PART NO: B100AB-.375