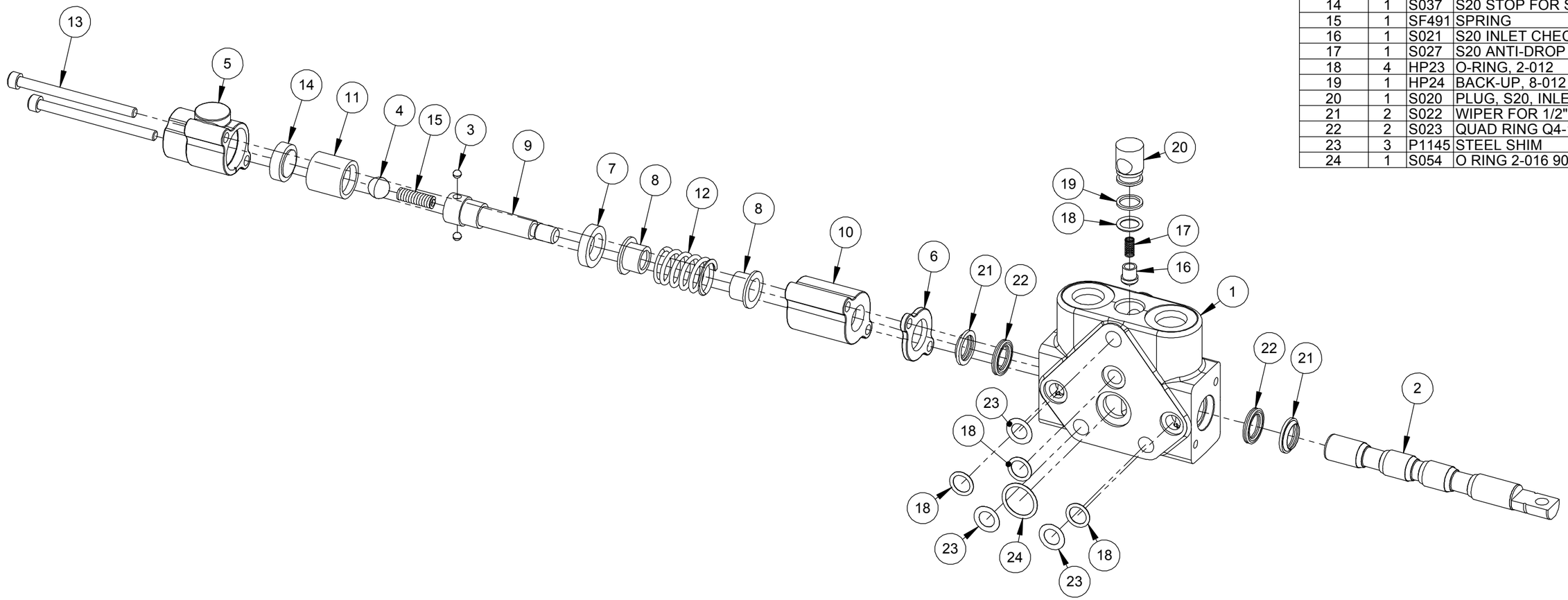
| ITEM NO. | QTY. | P.N. | DESCRIPTION |
|---|---|---|---|
| 1 | 1 | S003 | S20 WORK SECTION |
| 2 | 1 | S029 | S20 O4 SPOOL |
| 3 | 2 | LV8 | 5/32" STEEL BALL |
| 4 | 1 | PC55 | 13/32 BALL BEARING |
| 5 | 1 | S001 | S20 ENDCAP |
| 6 | 1 | S007 | S20 SEAL RETAINER |
| 7 | 1 | S010 | S20 SPACER |
| 8 | 2 | S011 | S20 SPRING GUIDE |
| 9 | 1 | s016 | S20 FLOAT BALL HOUSING |
| 10 | 1 | S017 | S20 FLOAT EXTENSION |
| 11 | 1 | S018 | SPRING DETENT SLEEVE |
| 12 | 1 | S028 | SPRING, CENTERING, S20 |
| 13 | 2 | S034 | 10-32 2 1/2 S.H.C.S. |
| 14 | 1 | S037 | S20 STOP FOR SD OPTION |
| 15 | 1 | SF491 | SPRING |
| 16 | 1 | S021 | S20 INLET CHECK POPPET |
| 17 | 1 | S027 | S20 ANTI-DROP CHECK SPRING |
| 18 | 4 | HP23 | O-RING, 2-012 |
| 19 | 1 | HP24 | BACK-UP, 8-012 |
| 20 | 1 | S020 | PLUG, S20, INLET CHECK |
| 21 | 2 | S022 | WIPER FOR 1/2" SPOOL |
| 22 | 2 | S023 | QUAD RING Q4-112 |
| 23 | 3 | P1145 | STEEL SHIM |
| 24 | 1 | S054 | O RING 2-016 90D |




NOTE:

1. USE 242 (BLUE LOCTITE) ON ITEMS (9) (13) WHEN ASSEMBLING.

APPLICABLE KITS:

(SPOOL ACTION: SPRING DETENT) 20-SD (SEE DRAWING 20-SD FOR PARTS BREAKDOWN)

(SEAL KIT) 20AK (SEE DRAWING 20AK FOR PARTS BREAKDOWN)

(SEAL KIT BETWEEN SECTIONS) 20BK (SEE DRAWING 20BK FOR PARTS BREAKDOWN)

| REV. | DATE | DESCRIPTION |
|---|---|---|

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

TITLE: S20, WORK SECTION
OPEN, SPRING (P TO A)/DETENT

MATERIAL: -

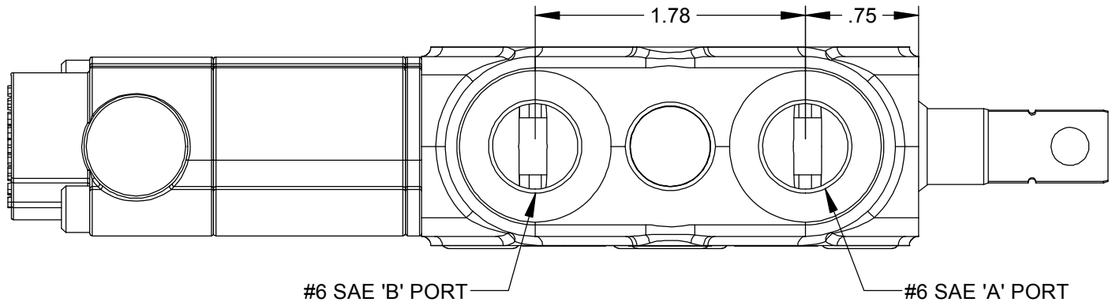
STANDARD TOLERANCE UNLESS NOTED:
0.00 ± 0.010 (0.015 GCI)
0.000 ± 0.005 (0.010 GCI)
⌀ = .005 TIR
FRACTION ± 1/32
ANGLE ± 2°
DIMENSIONS ARE IN INCHES

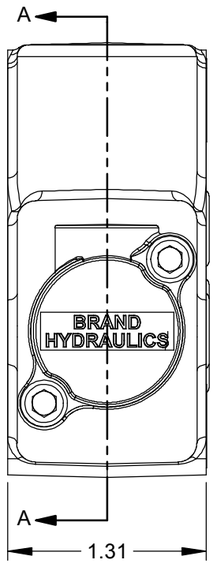
P/N ENDING IN "UF" HAVE NOT RECEIVED FINISH OPERATIONS

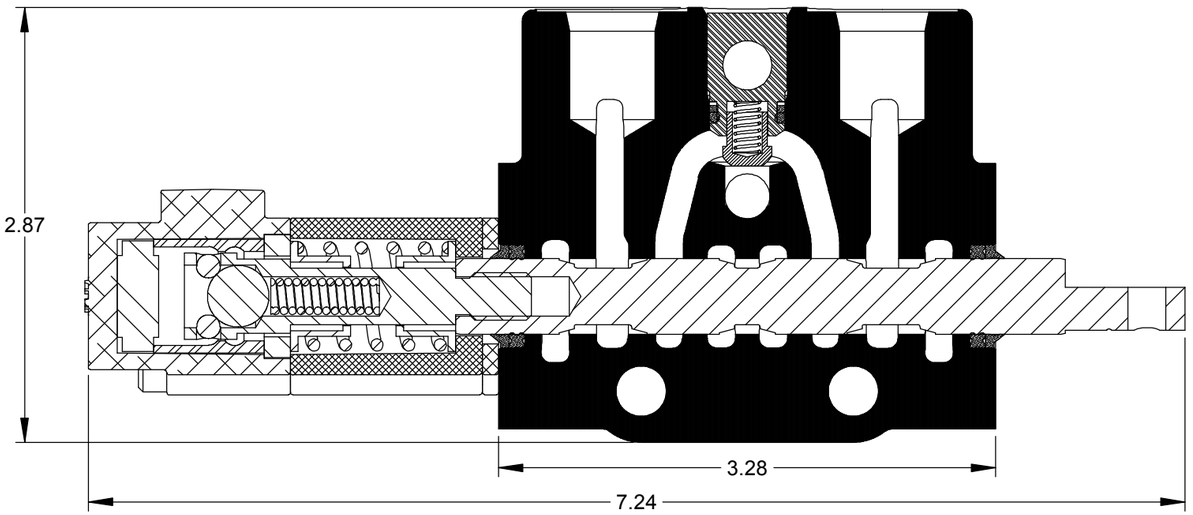
FINISHING SPECIFICATIONS:
HEAT TREAT: -±2RC X - ⩛
GRIND: -
PLATE: -

DRAWN BY: R. BATT
DATE: 11/26/2012
APRV'D BY:
APRV'D DATE:
SCALE: 1:2
FORMAT - B

PART NO: 20BFO4SDB




SECTION A-A

| | | | |
|---|---|---|---|
| BRAND HYDRAULICS CO., INC<br>2332 SOUTH 25TH STREET, OMAHA NEBRASKA 68105 | | | |
| TITLE: S20, WORK SECTION<br>OPEN, SPRING (P TO A)/DETENT | | | MATERIAL:<br>-<br>- |
| STANDARD TOLERANCE UNLESS NOTED:<br>0.00 ± 0.010 (0.015 GCI)<br>0.000 ± 0.005 (0.010 GCI)<br>◎ = .005 TIR<br>FRACTION ± 1/32<br>ANGLE ± 2°<br>DIMENSIONS ARE IN INCHES | P/N ENDING IN "UF" HAVE NOT RECEIVED FINISH OPERATIONS<br>FINISHING SPECIFICATIONS:<br>HEAT TREAT: -±2RC X - ⇩<br>GRIND: -<br>PLATE: - | DRAWN BY: R. BATT<br>DATE: 11/26/2012<br>APRV'D BY:<br>APRV'D DATE:<br>SCALE: 1:1<br>FORMAT - B | PART NO:<br>20BFO4SDB |