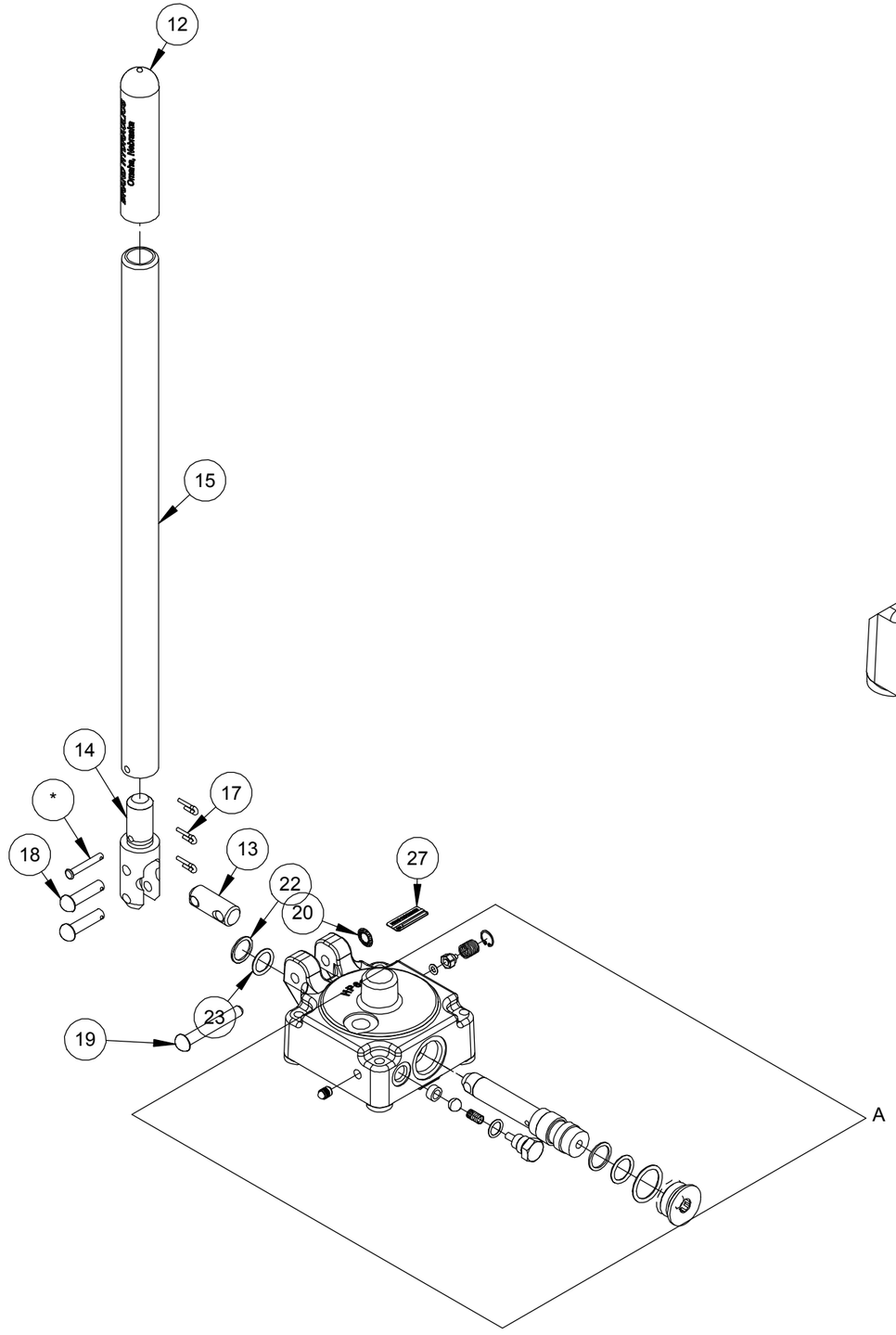
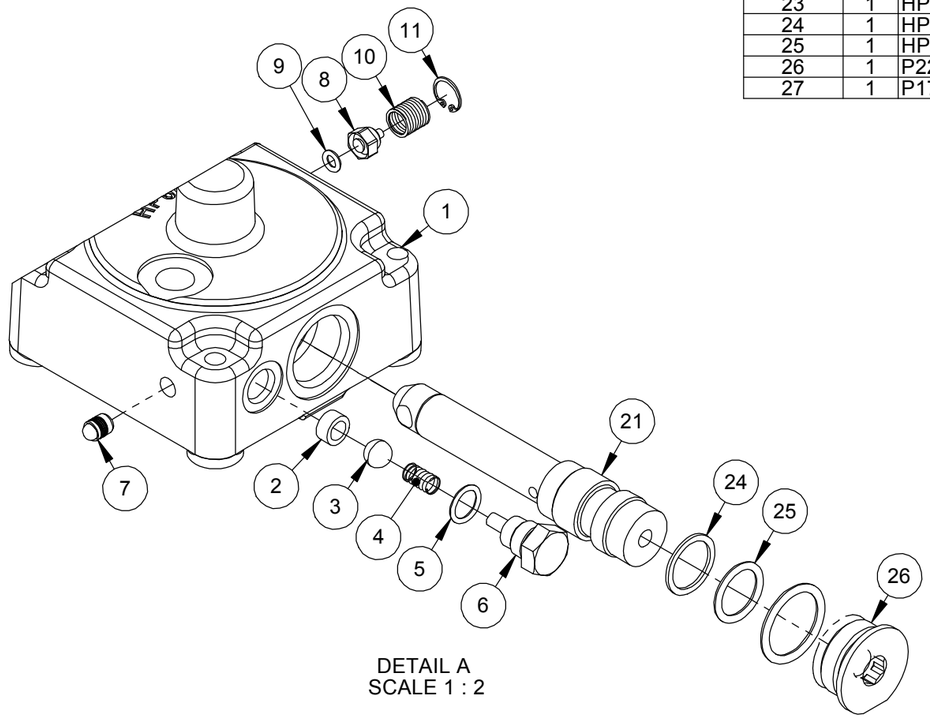




DETAIL A
SCALE 1 : 2

ITEM NO.	QTY.	P.N.	DESCRIPTION
1	1	HP61NT	HP61NT MACHINED CASTING
2	1	P1641	DELRIN SEAT
3	1	B5033	3/8 BALL BEARING
4	1	HP64	SPRING
5	1	SF398	O-RING, 3-905
6	1	HP22A	CHECK PLUG
7	1	P1924	CV PLUG
8	1	P1711	POPPET
9	1	P1714	O-RING, 2-008
10	1	HP8	SPRING
11	1	HP9	SNAP RING
12	1	HP17A	HANDLE GRIP FOR HP10
13	1	HP11	HP LINKAGE
14	1	P1765	LINKAGE
15	1	HP10	HANDLE
16	1	P1766	CLEVIS PIN
17	3	SF371	COTTER PIN
18	2	HP14A	RIVET
19	1	HP13A	RIVET
20	1	HP15A	WASHER
21	1	HP2	PISTON
22	1	HP19	BACK-UP, 8-114
23	1	HP18	O-RING, 2-114
24	1	HP21	BACK-UP, 8-115
25	1	HP20A	O-RING, 2-115
26	1	P2203A	PLUG #12 SAE W/O-RING
27	1	P1740	NAME TAG

APPLICABLE KITS:
SEAL KIT: HP61-K (SEE DRAWING HP61-K FOR PARTS BREAKDOWN)

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

TITLE: HANDPUMP, HP61DA
NO TANK OPTION

MATERIAL: -
-

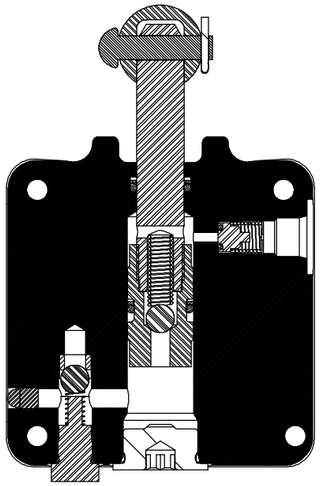
STANDARD TOLERANCE UNLESS NOTED:
0.00 ± 0.010 (0.015 GCI)
0.000 ± 0.005 (0.010 GCI)
◎ = .005 TIR
FRACTION ± 1/32
ANGLE ± 2°
DIMENSIONS ARE IN INCHES

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

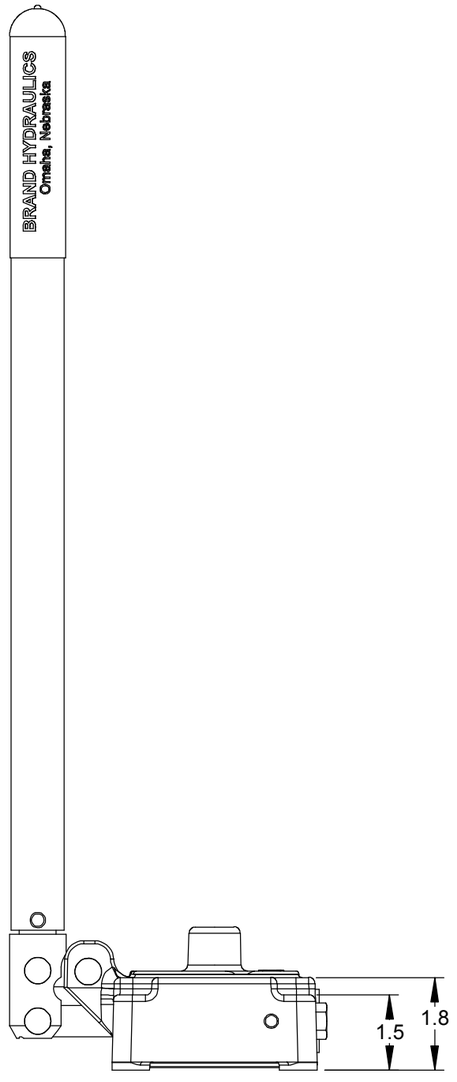
FINISHING SPECIFICATIONS:
HEAT TREAT: -±2RC X - ⇩
GRIND: -
PLATE: -

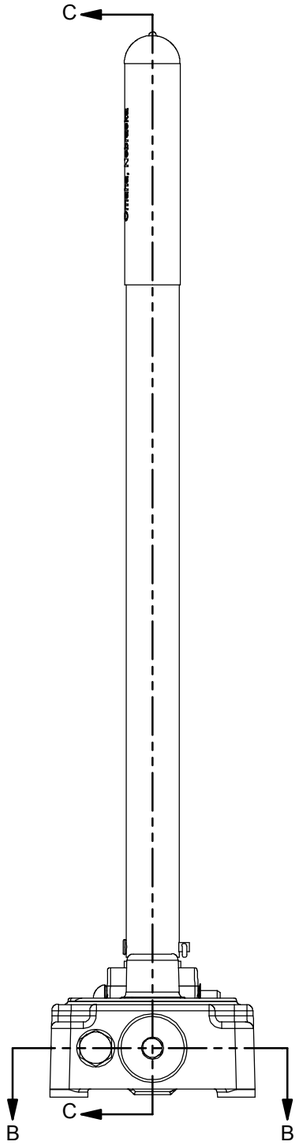
DRAWN BY: R. BATT
DATE: 11/06/2012
APRV'D BY:
APRV'D DATE:
SCALE: 1:4
FORMAT - B

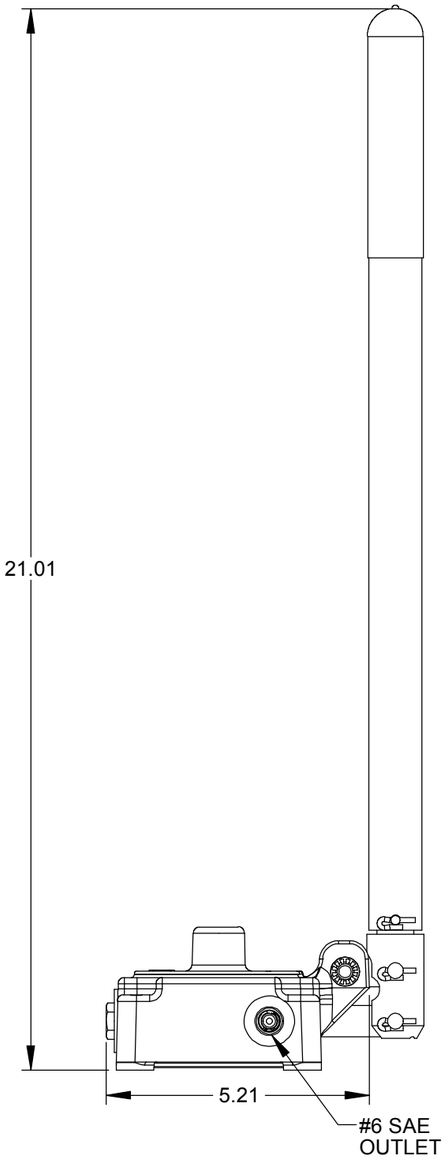
PART NO: HP61DANT

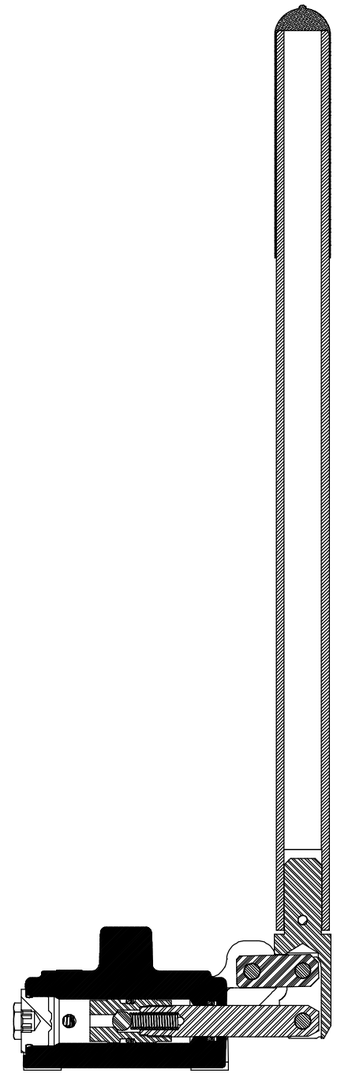


SECTION B-B
SCALE 1 : 2

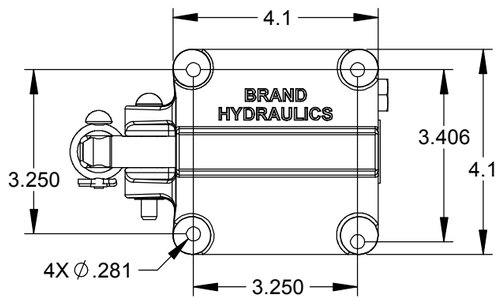








SECTION C-C



BRAND HYDRAULICS CO., INC 2332 SOUTH 25TH STREET, OMAHA NEBRASKA 68105			
TITLE: HANDPUMP, HP61DA NO TANK OPTION			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: 11/06/2012 APRV'D BY: APRV'D DATE: SCALE: 1:3 FORMAT - B	PART NO: HP61DANT