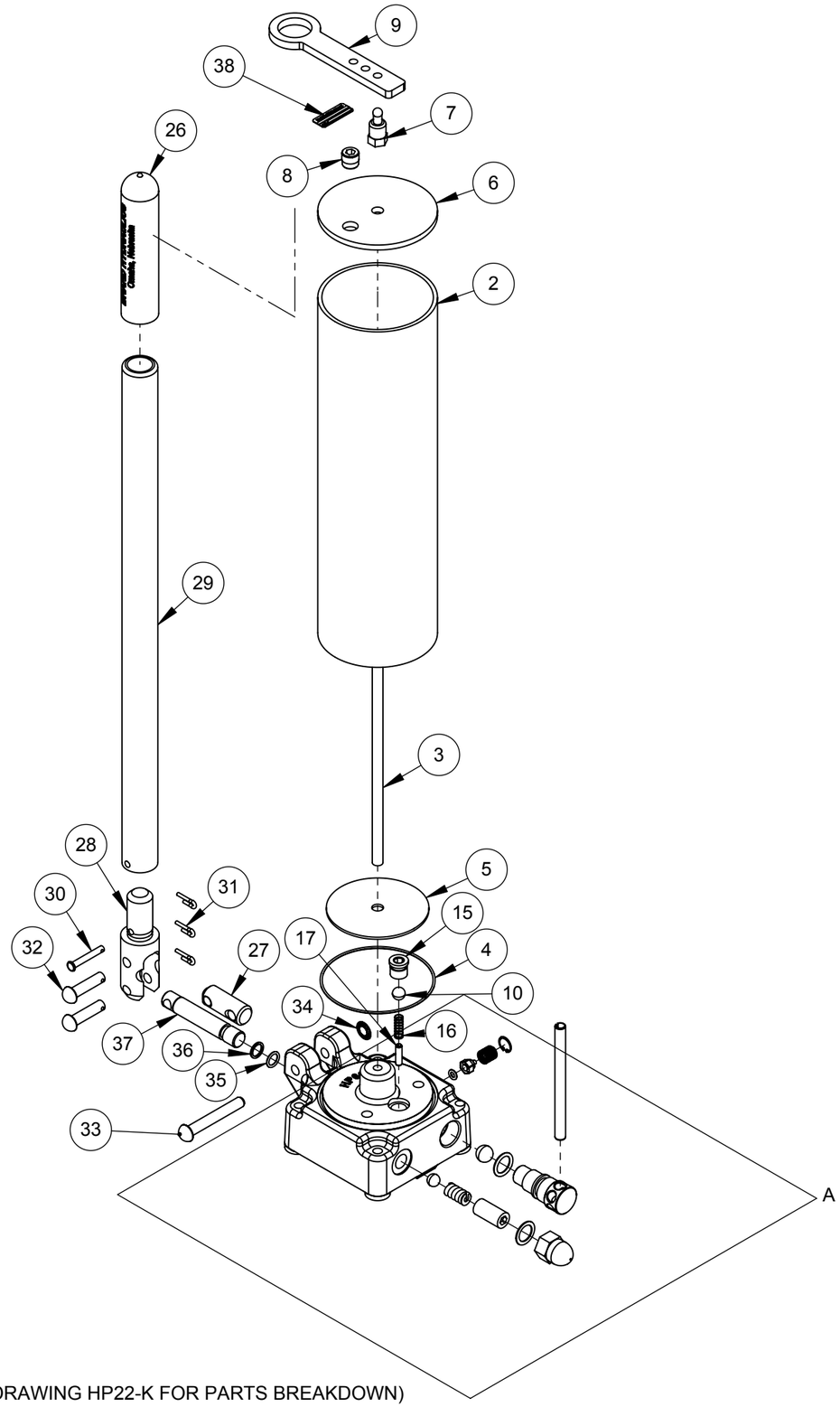
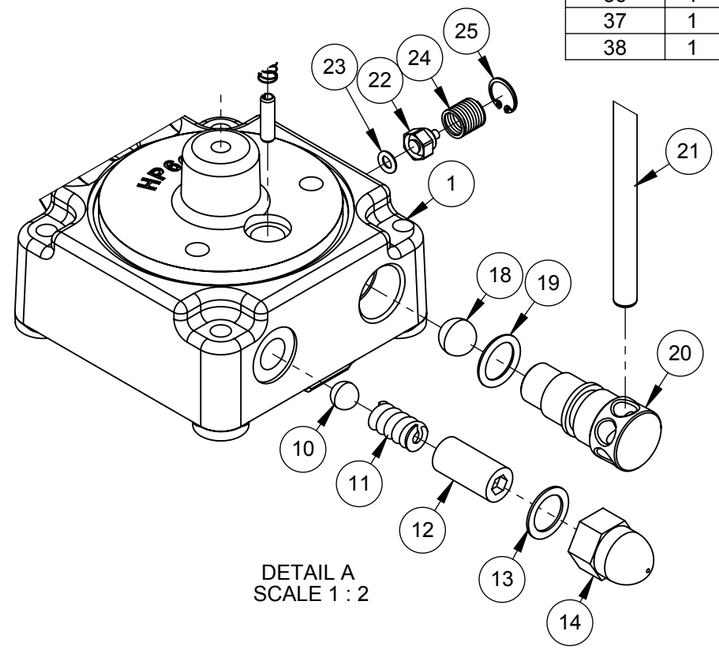


ITEM NO.	QTY.	P.N.	DESCRIPTION
1	1	HP20	HP61 MACHINED CASTING
2	1	HP35	TANK 12"
3	1	HP2812	12" TIE ROD 95
4	1	P1715	O RING, 2-042
5	1	HP63	BAFFLE
6	1	HP29	LID
7	1	P1859	FASTENER
8	1	B5019	PLUG, 1/4 NPT
9	1	P1869	STRAP
10	2	B5033	3/8 BALL BEARING
11	1	B5054	SPRING
12	1	HP37	1/2-20 x 1 ADJUSTING SCREW
13	1	HP62	ALUMINUM WASHER
14	1	HP36	1/2-20 ACORN NUT HI CROWN ZINC
15	1	B5010A	PLUG, BALL SEAT

ITEM NO.	QTY.	P.N.	DESCRIPTION
16	1	HP64	SPRING
17	1	PC66	3/16 X 11/16 SPRING PIN
18	1	B5067	1/2" BALL
19	1	AP55	O RING, 2-113
20	1	HP3	RELEASE HAND PUMP
21	1	HP4	ROLL PIN
22	1	P1711	POPPET
23	1	P1714	O RING, 2-008
24	1	HP8	SPRING
25	1	HP9	SNAP RING
26	1	HP17A	HANDLE GRIP FOR HP10
27	1	HP11	HP LINKAGE
28	1	P1765	LINKAGE
29	1	HP10	HANDLE
30	1	P1766	CLEVIS PIN
31	3	SF371	COTTER PIN
32	2	HP14A	RIVET
33	1	HP13A	RIVET
34	1	HP15A	WASHER
35	1	HP23	O RING, 2-012
36	1	HP24	BACKUP, 8-012
37	1	HP59	PISTON SHAFT
38	1	P1740	NAME TAG

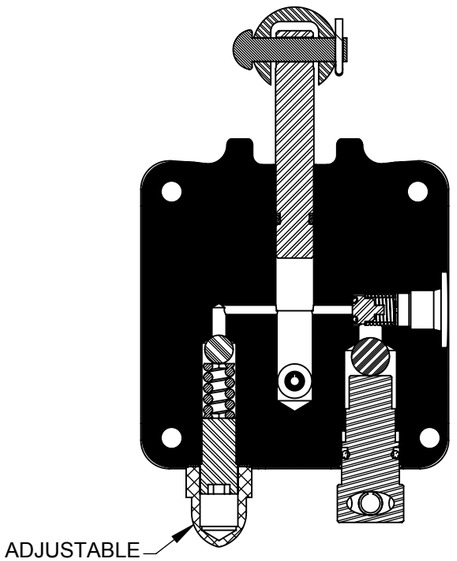


DETAIL A
SCALE 1 : 2

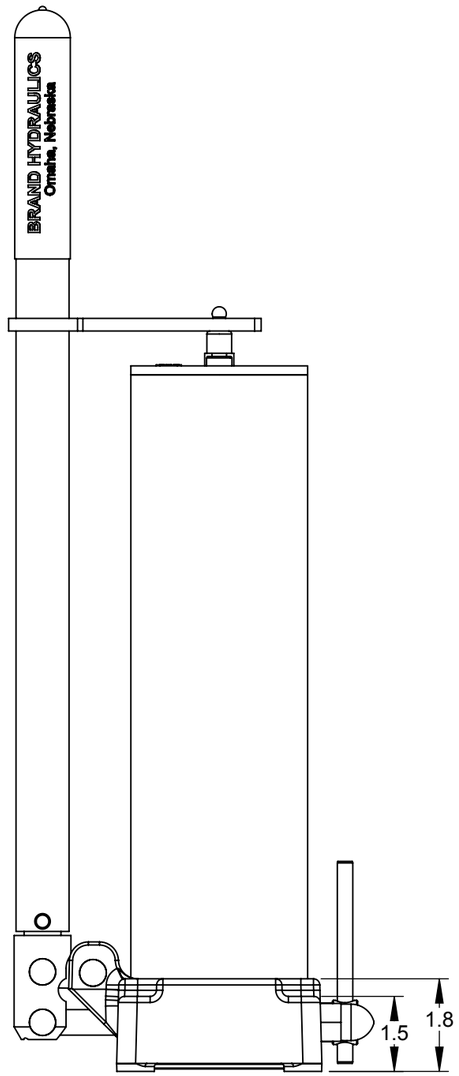
APPLICABLE KITS:
SEAL KIT: HP22-K (SEE DRAWING HP22-K FOR PARTS BREAKDOWN)

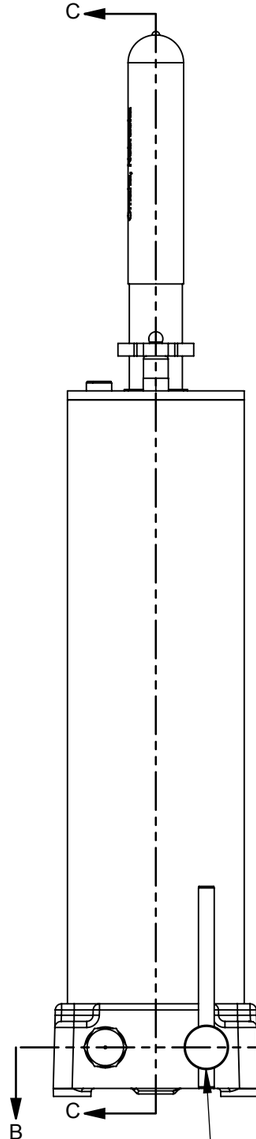
BRAND HYDRAULICS CO., INC
2332 SOUTH 25TH STREET, OMAHA NEBRASKA 68105

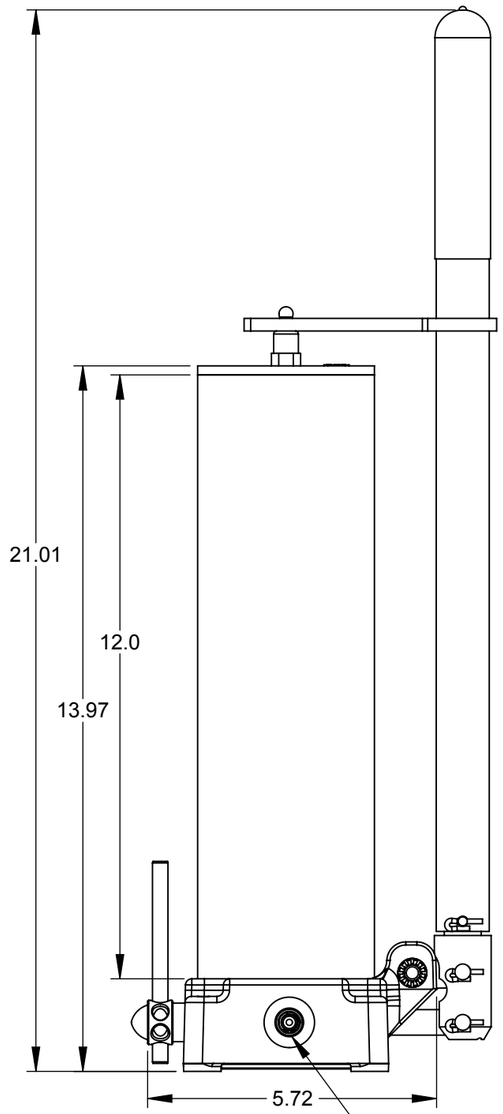
TITLE: HANDPUMP, HP22SA 12" TANK, DISPLACEMENT 0.20 IN^3, RELIEF			MATERIAL: -
STANDARD TOLERANCE UNLESS NOTED: 0.00 ± 0.010 (0.015 GCI) 0.000 ± 0.005 (0.010 GCI) ◎ = .005 TIR FRACTION ± 1/32 ANGLE ± 2° DIMENSIONS ARE IN INCHES	P/N ENDING IN "UF" HAVE NOT RECEIVED FINISH OPERATIONS FINISHING SPECIFICATIONS: HEAT TREAT: - ±2RC X - ⇂ GRIND: - PLATE: -	DRAWN BY: R. BATT DATE: 10/31/2012 APRV'D BY: APRV'D DATE: SCALE: 1:4 FORMAT - B	PART NO: HP22SA95

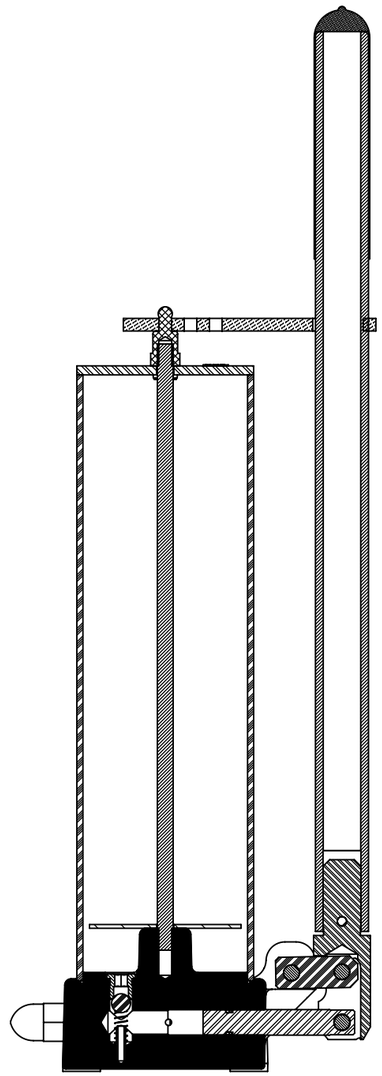


SECTION B-B
SCALE 1 : 2

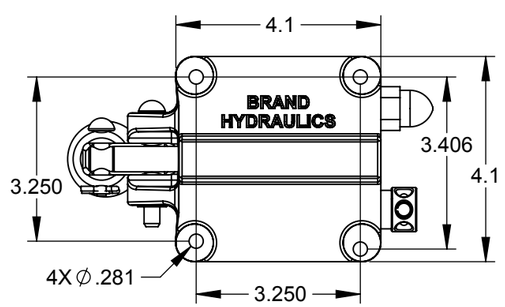








SECTION C-C



BRAND HYDRAULICS CO., INC 2332 SOUTH 25TH STREET, OMAHA NEBRASKA 68105			
TITLE: HANDPUMP, HP22SA 12" TANK, DISPLACEMENT 0.20 IN^3, RELIEF			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: 10/31/2012 APRV'D BY: APRV'D DATE: SCALE: 1:3 FORMAT - B	PART NO: HP22SA95