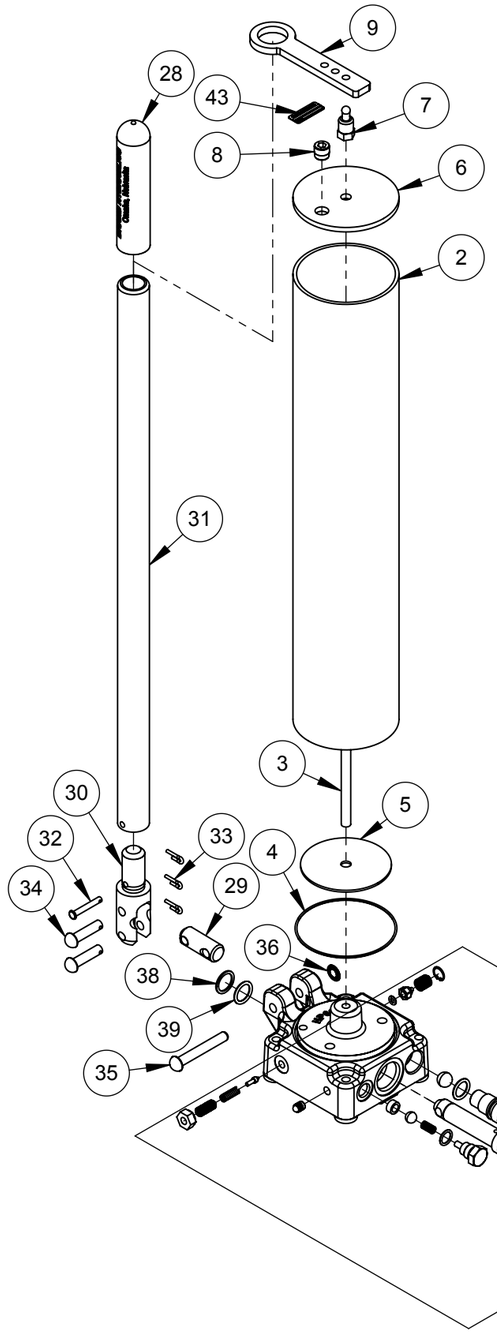
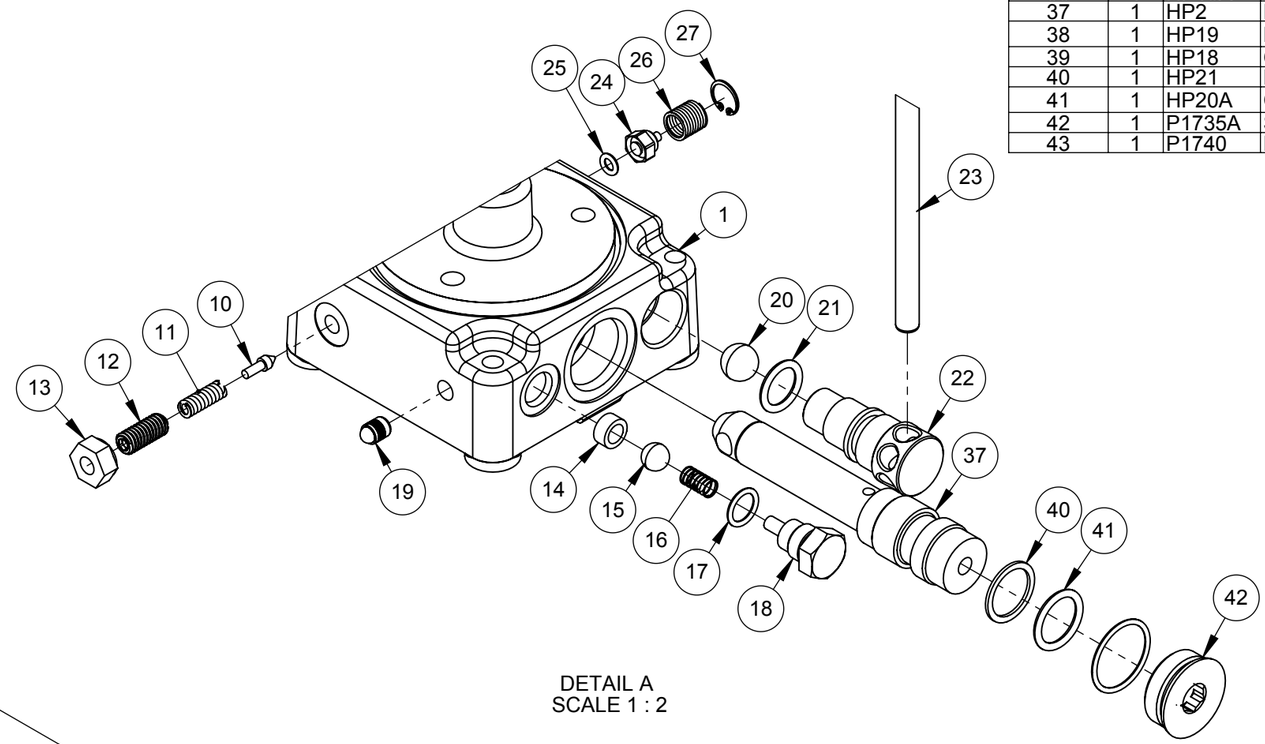




DETAIL A
SCALE 1 : 2

ITEM NO.	QTY.	P.N.	DESCRIPTION
1	1	HP61	HAND PUMP CAST 7/8" BORE
2	1	HP3518	TANK 18"
3	1	HP2818	18" TIE ROD 140
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	1	DC7548B	POPPET
11	1	SF331	SPRING
12	1	P2124	5/16-18 x 3/4 HOLLOW SET FL PT
13	1	P2125	5/16-18 HYDRA LOK NUT
14	1	P1641	DELRIN SEAT
15	1	B5033	3/8 BALL BEARING

ITEM NO.	QTY.	P.N.	DESCRIPTION
16	1	HP64	SPRING
17	1	SF398	O-RING, 3-905
18	1	HP22A	CHECK PLUG
19	1	P1924	CV PLUG
20	1	B5067	1/2" BALL
21	1	AP55	O-RING, 2-113
22	1	HP3	RELEASE HAND PUMP
23	1	HP4	ROLL PIN
24	1	P1711	POPPET
25	1	P1714	O-RING, 2-008
26	1	HP8	SPRING
27	1	HP9	SNAP RING
28	1	HP17A	HANDLE GRIP FOR HP10
29	1	HP11	HP LINKAGE
30	1	P1765	LINKAGE
31	1	HP10-24	HANDLE
32	1	P1766	CLEVIS PIN
33	3	SF371	COTTER PIN
34	2	HP14A	RIVET
35	1	HP13A	RIVET
36	1	HP15A	WASHER
37	1	HP2	PISTON
38	1	HP19	BACK-UP, 8-114
39	1	HP18	O-RING, 2-114
40	1	HP21	BACK-UP, 8-115
41	1	HP20A	O-RING, 2-115
42	1	P1735A	SPOOL BORE PLUG
43	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
18" TANK, DISPLACEMENT 0.60 IN^3, RELIEF

MATERIAL: -
-

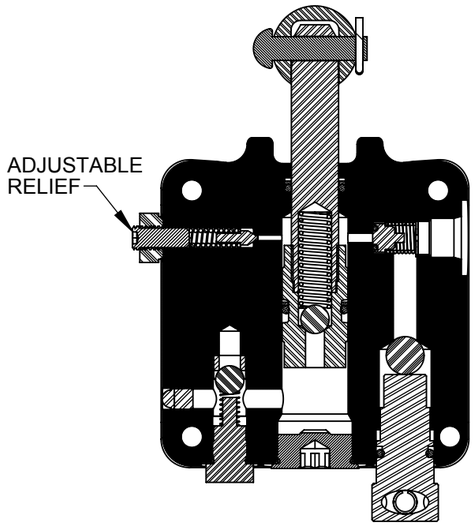
STANDARD TOLERANCE UNLESS NOTED:
0.00 ± 0.010 (0.015 GCI)
0.000 ± 0.005 (0.010 GCI)
◎ = .005 TIR
FRACTION ± 1/32
ANGLE ± 2°
DIMENSIONS ARE IN INCHES

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

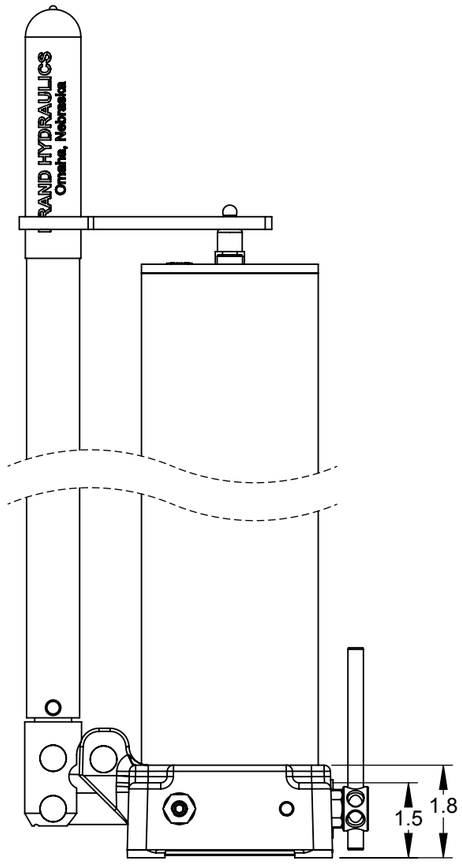
FINISHING SPECIFICATIONS:
HEAT TREAT: -±2RC X - ⇩
GRIND: -
PLATE: -

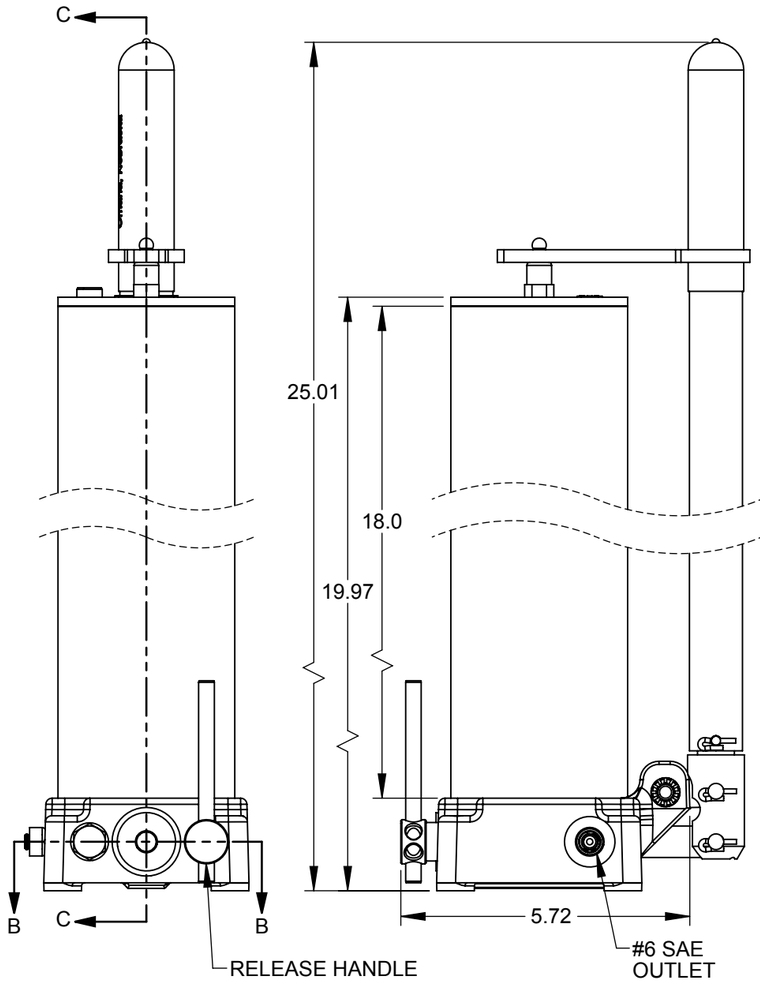
DRAWN BY: R. BATT
DATE: 11/05/2012
APRV'D BY:
APRV'D DATE:
SCALE: 1:4
FORMAT - B

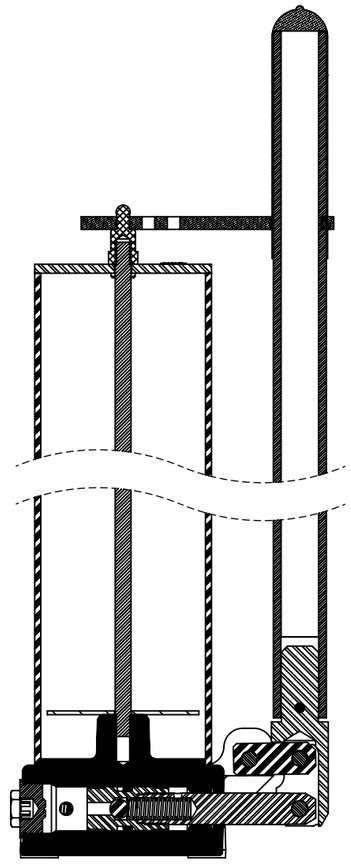
PART NO: HP61DA140



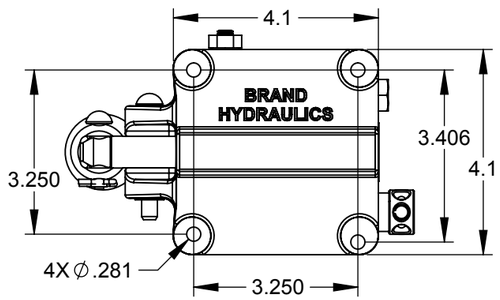
SECTION B-B
SCALE 1 : 2







SECTION C-C



BRAND HYDRAULICS CO., INC 2332 SOUTH 25TH STREET, OMAHA NEBRASKA 68105			
TITLE: HANDPUMP, HP61DA 18" TANK, DISPLACEMENT 0.60 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: 11/05/2012 APRV'D BY: APRV'D DATE: SCALE: 1:3 FORMAT - B	PART NO: HP61DA140