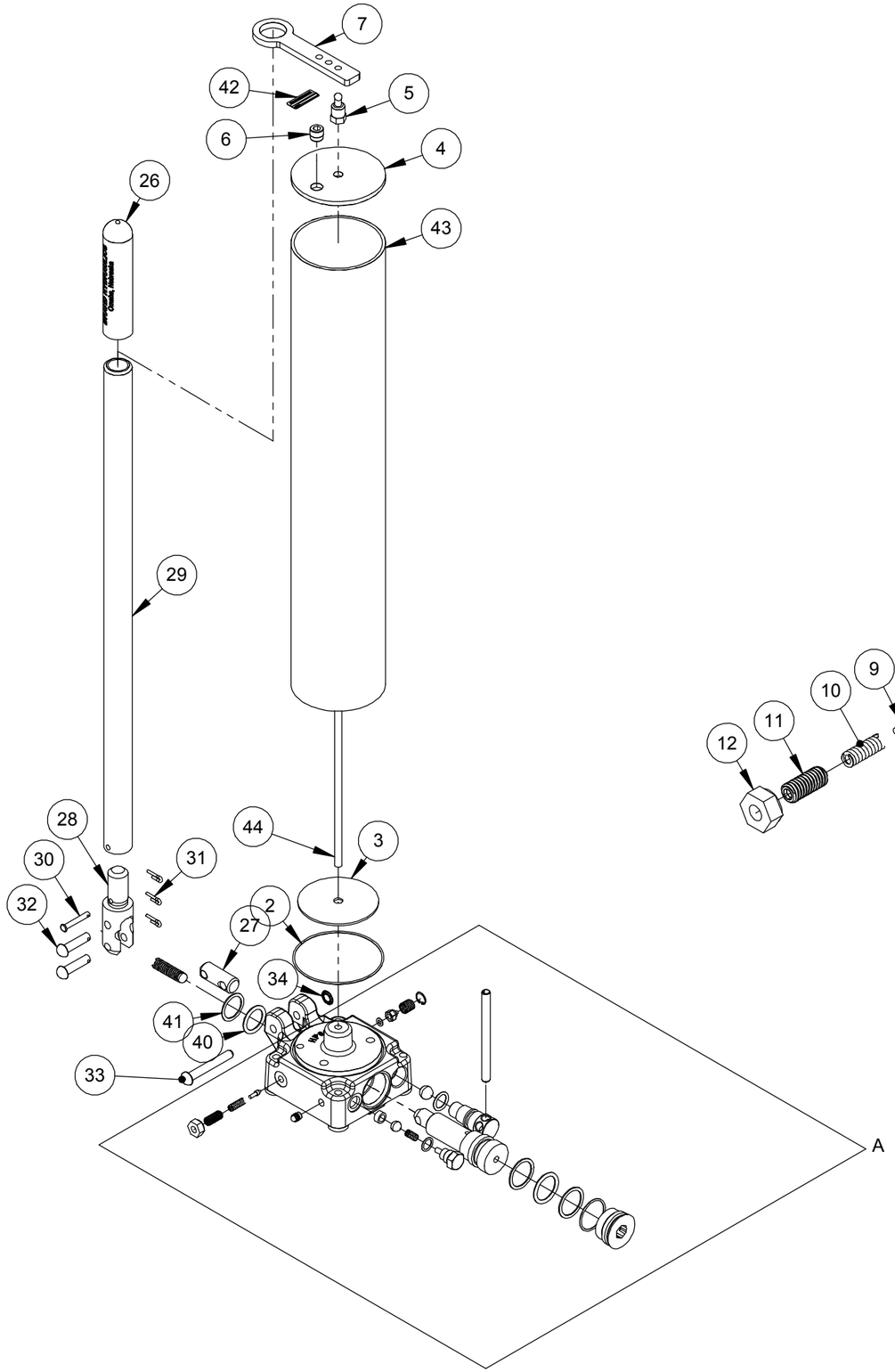
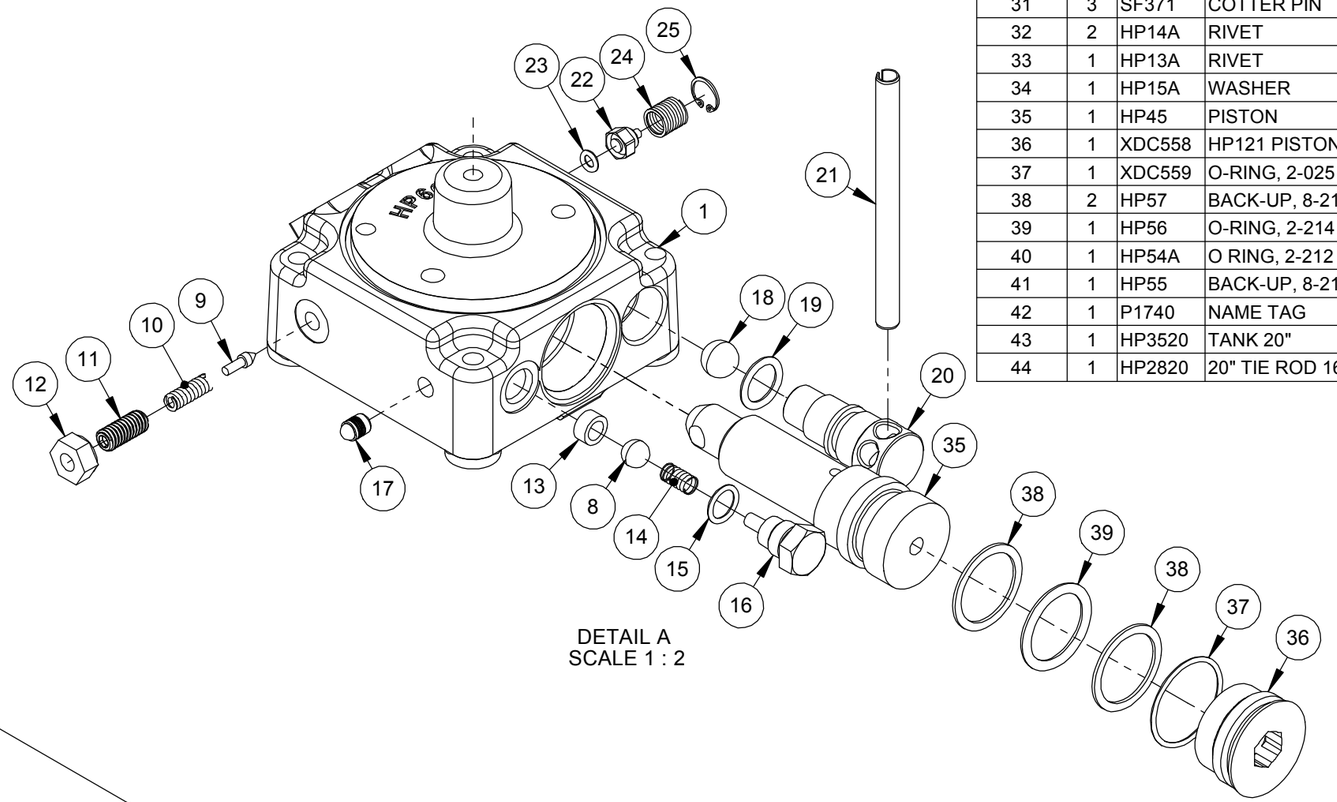


ITEM NO.	QTY.	P.N.	DESCRIPTION
1	1	HP121	HP121 MACHINED CASTING
2	1	P1715	O-RING, 2-042
3	1	HP63	BAFFLE
4	1	HP29	LID
5	1	P1859	FASTENER
6	1	B5019	PLUG, 1/4 NPT
7	1	P1869	STRAP
8	1	B5033	3/8 BALL BEARING
9	1	DC7548B	POPPET
10	1	SF331	SPRING
11	1	P2124	5/16-18 x 3/4 HOLLOW SET FL PT
12	1	P2125	5/16-18 HYDRA LOK NUT
13	1	P1641	DELRIN SEAT
14	1	HP64	SPRING
15	1	SF398	O-RING, 3-905
16	1	HP22A	CHECK PLUG
17	1	P1924	CV PLUG
18	1	B5067	1/2" BALL
19	1	AP55	O-RING, 2-113, EPR
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	HP10-24	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	HP45	PISTON
36	1	XDC558	HP121 PISTON PLUG
37	1	XDC559	O-RING, 2-025
38	2	HP57	BACK-UP, 8-214
39	1	HP56	O-RING, 2-214
40	1	HP54A	O RING, 2-212
41	1	HP55	BACK-UP, 8-212
42	1	P1740	NAME TAG
43	1	HP3520	TANK 20"
44	1	HP2820	20" TIE ROD 165



DETAIL A
SCALE 1 : 2

APPLICABLE KITS:
SEAL KIT: HP121-K (SEE DRAWING HP121-K FOR PARTS BREAKDOWN)

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

TITLE: PAINTED HANDPUMP, HP121DA
20" TANK, DISPLACEMENT 1.20 IN^3, RELIEF

MATERIAL: -

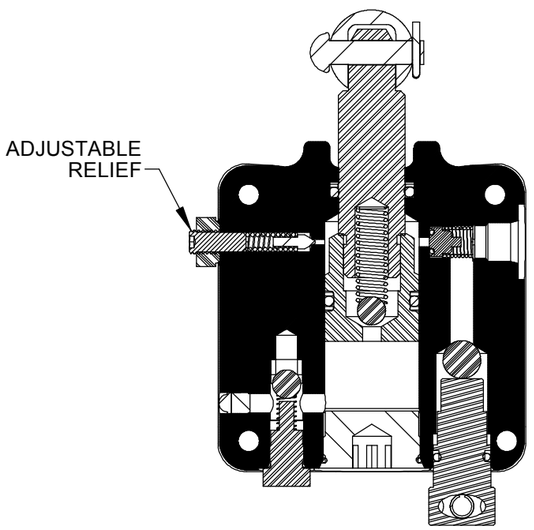
STANDARD TOLERANCE UNLESS NOTED:
0.00 ± 0.010 (0.015 GCI)
0.000 ± 0.005 (0.010 GCI)
◎ = .005 TIR
FRACTION ± 1/32
ANGLE ± 2°
DIMENSIONS ARE IN INCHES

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

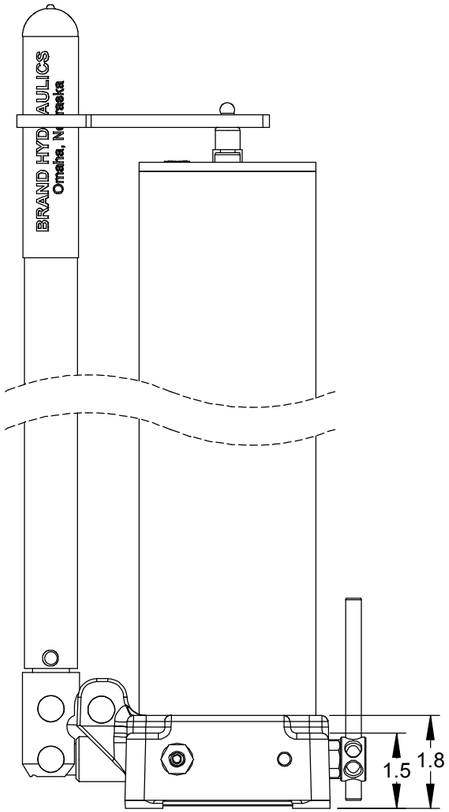
FINISHING SPECIFICATIONS:
HEAT TREAT: -±2RC X - ⇩
GRIND: -
PLATE: -

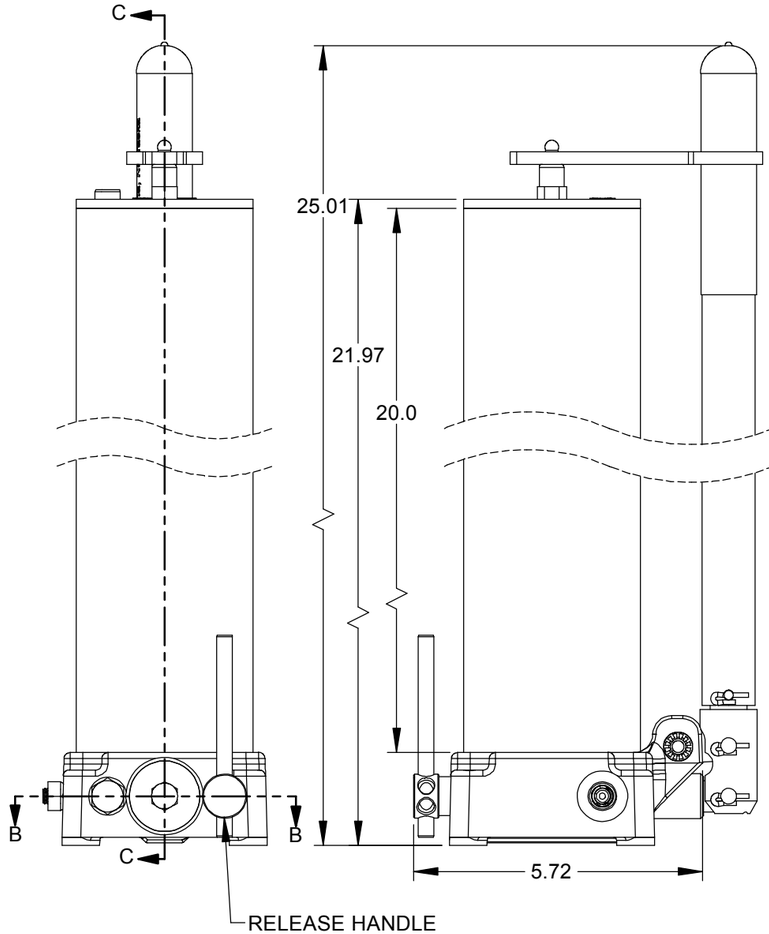
DRAWN BY: R. BATT
DATE: 05/22/2013
APRV'D BY:
APRV'D DATE:
SCALE: 1:4
FORMAT - B

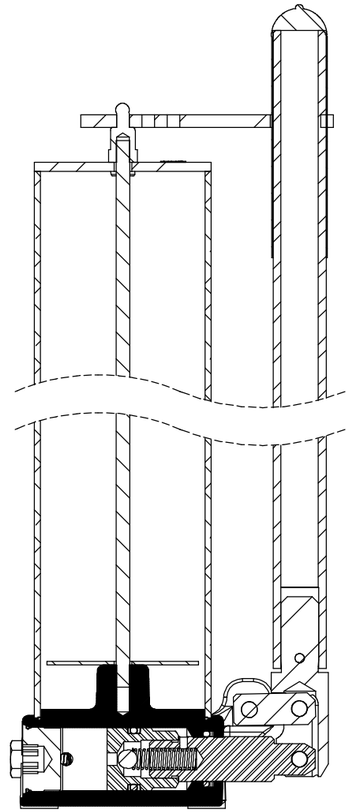
PART NO: HP121DA165



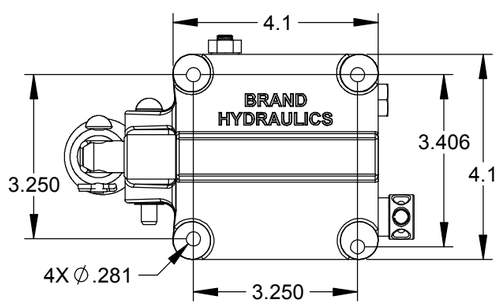
SECTION B-B
SCALE 1 : 2







SECTION C-C



BRAND HYDRAULICS CO., INC 2332 SOUTH 25TH STREET, OMAHA NEBRASKA 68105			
TITLE: PAINTED HANDPUMP, HP121DA 20" TANK, DISPLACEMENT 1.20 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: 05/22/2013 APRV'D BY: APRV'D DATE: SCALE: 1:3 FORMAT - B	PART NO: HP121DA165