

ADJUSTMENT: TURN CCW TO INCREASE SETTING, TURN CW TO RELEASE LOAD. COMPLETE ADJUSTMENT IN 3.75 TURNS.

CONTROL OPTION
MAXIMUM EXTENSION
FROM LOCATING
'L' CONTROL SHOWN

.97 MAX. DIA.
(.88" HEX)
(22mm)

PORT 3
AREA

PORT 2
AREA

PORT 1
AREA

L 1.97 (50mm)

C 2.28 (58mm)

LOCATING
SHOULDER

1.38 (35mm)

MODEL OPTIONS

CBA G ***

PILOT RATIO
APPROX.

CBA G ***:4.5:1
(ULTRA RESTRICTIVE)

CBA H ***:10:1
(ULTRA RESTRICTIVE)

CONTROLS

L STANDARD
SCREW
ADJUSTMENT

C TAMPER
RESISTANT
FACTORY SET

ADJUSTMENT RANGES

C 2000-5000 PSI
3000 PSI STANDARD SETTING
4 PSI CHECK CRACK PRESS.

D 1000-2500 PSI
2000 PSI STANDARD SETTING
4 PSI CHECK CRACK PRESS.

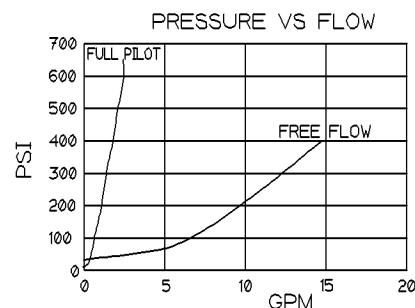
J 2000-5000 PSI
3000 PSI STANDARD SETTING
25 PSI CHECK CRACK PRESS.

K 1000-2500 PSI
2000 PSI STANDARD SETTING
25 PSI CHECK CRACK PRESS.

"C" CONTROL

NOTES:

- 1) SEAL KIT: 990-011-007 (BUNA-N)
990-011-006 (VITON)
- 2) FOR CAVITY DIM., SEE "T-11A" DRAWING.
- 3) MAXIMUM LEAKAGE 5 DROPS PER MIN.
AT RESEAT. RESEAT APPROX. 85% OF SET PRESSURE.
- 4) SEALED PILOT.
- 5) MAXIMUM OPERATING PRESSURE: 5000 PSI; 350 BAR.
- 6) INSTALLATION TORQUE: 30-35 lb-ft. (45-50 Nm).



MODEL OPTIONS

CBA A ***

PILOT RATIO
APPROX.

CBA A ***:3:1
(ULTRA RESTRICTIVE)

CBA B ***:1.5:1
(ULTRA RESTRICTIVE)

CONTROLS

L STANDARD
SCREW
ADJUSTMENT

C TAMPER
RESISTANT
FACTORY SET

ADJUSTMENT RANGES

A 1000-4000 PSI
3000 PSI STANDARD SETTING
4 PSI CHECK CRACK PRESS.

B 400-1500 PSI
1000 PSI STANDARD SETTING
4 PSI CHECK CRACK PRESS.

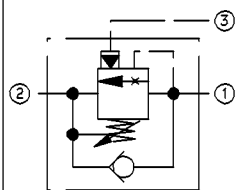
H 1000-4000 PSI
3000 PSI STANDARD
25 PSI CHECK CRACK PRESS.

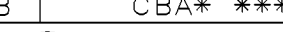
I 400-1500 PSI
1000 PSI STANDARD SETTING
25 PSI CHECK CRACK PRESS.

SEALS

N BUNA-N
V VITON

SYMBOL



								TITLE OUTLINE: ULTRA RESTRICTIVE COUNTERBALANCE W/ PILOT ASSIST SEALED PILOT				REVISION B		PART NO. CBA* ***					
								SCALE REF. 1:1				SERIES 1				MATERIAL STEEL AND AS NOTED			
								DRAWN LT				CHECK RG				RELEASE E10220			
								DATE 10FEB11				DATE 01FEB11				DATE 21MAR11			
								HEAT TREAT & FINISH											
B CBAH WAS A NON-SEALED PILOT				16JUN11				LT				STW				8413			
A RELEASED TO PRODUCTION				21MAR11				LT											
LET REVISION				DATE				DRN				CHK				REL			