SINGLE COUNTERBALANCE

Rexroth

ontrol A-VBSO-SE-30 08.41.01 - X - Y - Z n° 2 holes Ø F CYLINDER PORTS L2 L1 C2 V2 V2 Ρ Ð \oplus C2 14 L3 Ξ V2 **TECHNICAL DATA** Max. operating pressure: 350 bar (5000 psi) **h dhai** F m Max flow: 60 l/min (16 gpm) mm (inches) C2 Steel body 35 47.6 17.8 39.3 31 65 15 91 47 11 8.5 G 1/2 (1.38) (1.87) (0.7) (1.22) (1.55) (3.58) (1.85) (0.43) (2.56) (0.34) (3.29)1.1 (2.38) 31 39.3 47.6 17.8 91 47 55 8.5 Relief setting: at least 1.3 times the highest expected load. G 3/8 (1.18) (1.87) (0.7) (1.22) (1.55) (3.58) (1.85) (0.28) (2.17) (0.34) 47.6 17.8 31 39.3 91 47 55 8.5 30 1 1 G 1/4 (2.49) (1.18) (1.87) (0.7) (1.22) (1.55) (3.58) (1.85) (0.28) (2.17) (0.34) Weight kg (lbs) Y S L4 L3 L2 L1 L H1 Н F Ι When pressure at V2 rises above the spring bias pressure, the check seat is pushed away from the piston and flow is allowed from V2 to C2. When load pressure at C2 rises above the pressure setting, the direct operated, differential area, relief function is activated and flow is relieved from C2 to V2. With pilot pressure at P, the pressure setting is reduced in proportion to the stated ratio of the valve, until opening and allowing flow from C2 to V2. The spring chamber is drained to V2, and any back-pressure at V2 is additive to the pressure setting in all functions. ar. psi Y=03 Х **PILOT RATIO** 350 24 280 PRESSURE - riangle p18 03 4.2:1 210 12 140 6 70 0 ٥ I/min 12 24 36 48 60 gpm 16 ō 12 8 FLOW - Q SPRINGS PORT SIZE Υ Std. setting Ordering Ζ Adj. press. Pres. increase Colour V2-C2 Ρ bar (psi) range bar bar/turn code (psi) (psi/turn) Q=5 l/min 09 G 1/4 G 1/4

Bosch Rexroth Oil Control S.p.a

60-210 (870-3000)

100-350(1450-5000)

56 (812)

138 (2001)

200 (2900)

350 (5000)

20

35

G 3/8

G 1/4

03.51.01.106

03.51.01.171

02

03

green

yellow

G 3/8

G 1/2