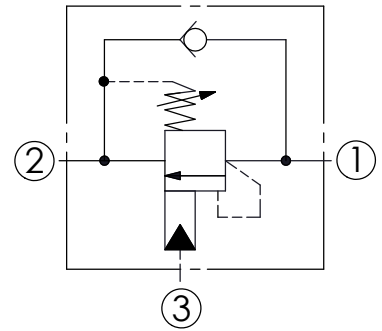
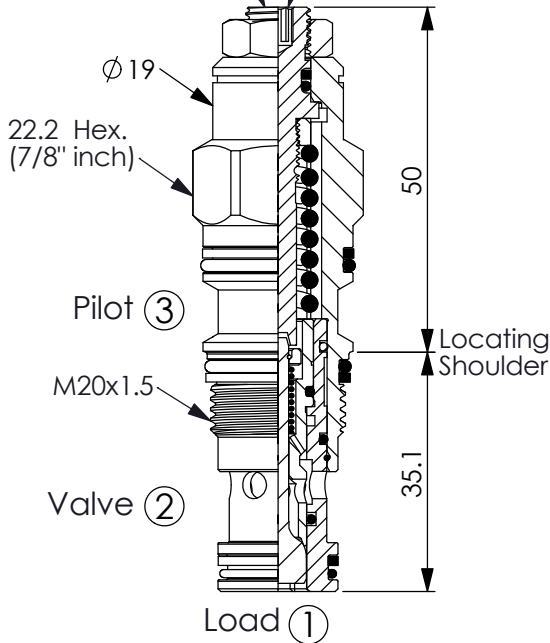


COUNTERBALANCE VALVE

Ordering Code: **CB-11A-X-Y-Z**

Turn screw clockwise to reduce setting and release load.

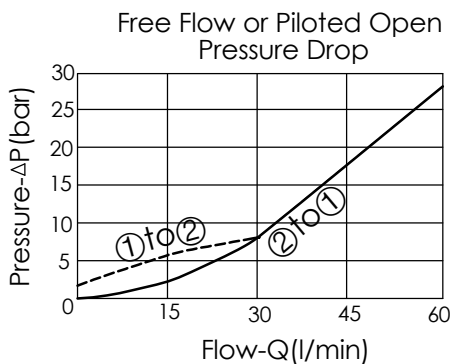
Control Option:
Maximum extension from locating shoulder.
(L Control shown)



TECHNICAL DATA

Max. Operating pressure:	350	bar
Max. Setting:	280	bar
Rated flow:	60	l/min
Cavity-Tooling:	11A-3	
Installation torque:	40-50	Nm
Weight:	0.16	kg
Pressure Setting:	Setting should be 1.3 times maximum load induced pressure.	

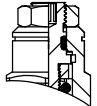
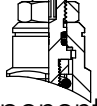
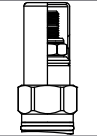
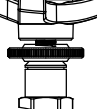
UNIT:mm



X PILOT RATIO

33	3 : 1
3A	1.5 : 1 (with sealed pilot)
3C	3 : 1 (with sealed pilot)
3Q	2 : 1 (with bleed through pilot)

Z OPTIONS

L	Leakproof hex. socket screw.	
LP	Leakproof hex. socket screw. With stainless steel external metal components	
C	Stainless Steel Tamper Resistant Cover.	
T	Three-winged Handknob Kit.	

Y SPRINGS

ADJUSTMENT RANGES (2 bar Cracking Pressure)

H 70 to 280 bar (210 bar Standard Setting)

I 25 to 105 bar (70 bar Standard Setting)

SPECIAL PURPOSES (0.3 bar Cracking Pressure)

A 70 to 280 bar (210 bar Standard Setting)

B 25 to 105 bar (70 bar Standard Setting)

E 16 to 55 bar (25 bar Standard Setting)