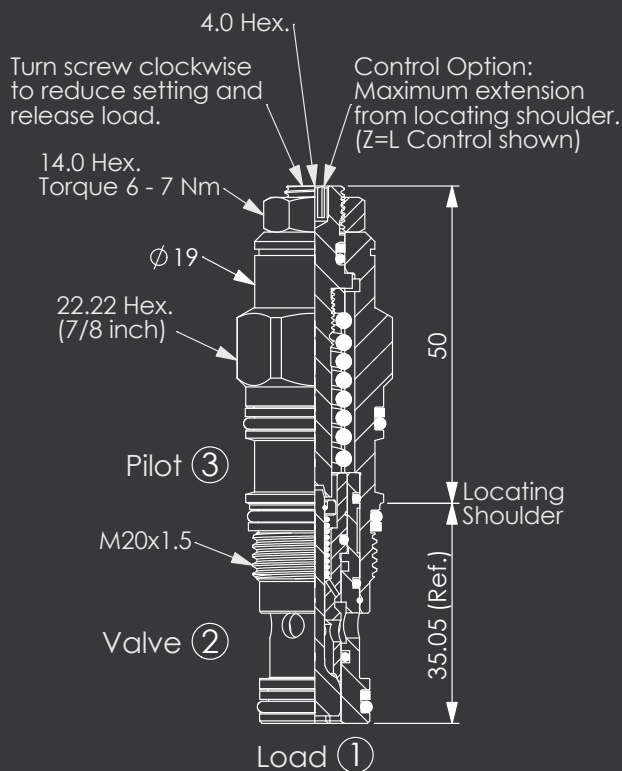


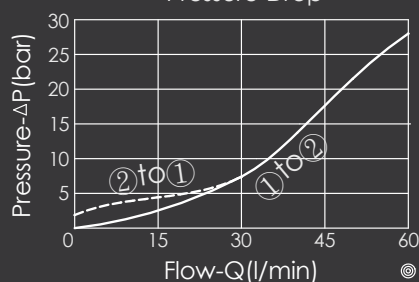
COUNTERBALANCE VALVE

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

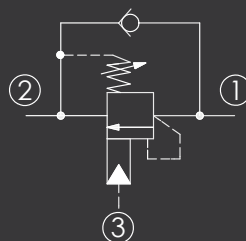
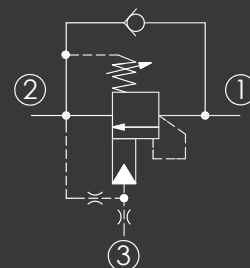
UNIT:mm

Illustrations / detail are for reference only.
Data subject to change.

Free Flow or Piloted Open Pressure Drop



Y	SPRINGS	
	ADJUSTMENT RANGES (1.7 bar Cracking Pressure)	
H	70 - 280 bar (210 bar Standard Setting)	
I	25 - 105 bar (70 bar Standard Setting)	
SPECIAL PURPOSES (0.3 bar Cracking Pressure)		
A	70 - 280 bar (210 bar Standard Setting)	
B	25 - 105 bar (70 bar Standard Setting)	
E	16 - 55 bar (25 bar Standard Setting)	

X=33、3A、3C
(standard)**X=3Q (with bleed through pilot)**

TECHNICAL DATA

Max. Setting:	280	bar
Rated flow:	60	l/min
Cavity-Tooling:	11A-3	
Installation torque:	40 - 50	Nm
Weight:	0.153 (Z=L)	kg
Pressure Setting: Setting should be 1.3 times maximum load induced pressure. (We suggest when the Max. setting pressure is 280 bar, the load pressure has to be lower than 215 bar.)		

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	
CA	Plastic Tamper Resistant Cover (Order Code:5JAA094)	
T	Three-winged Handknob Kit.	