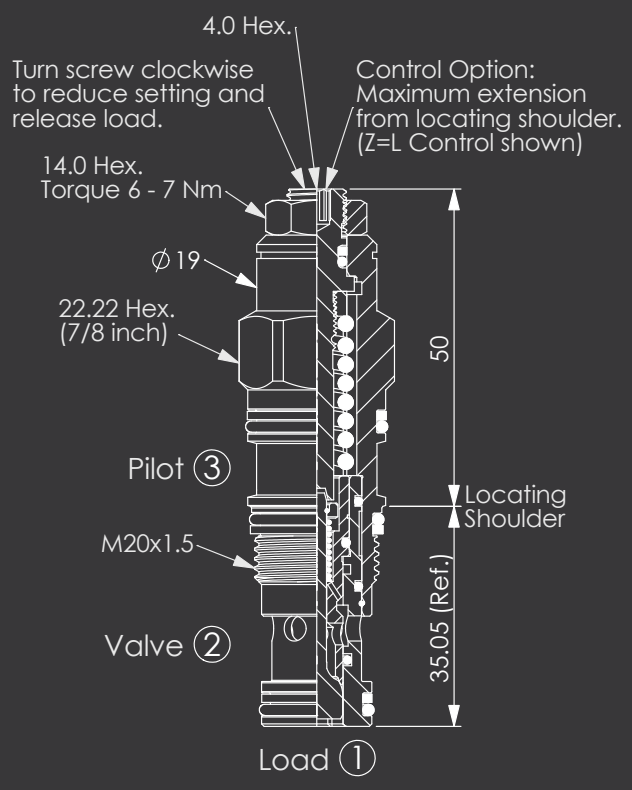
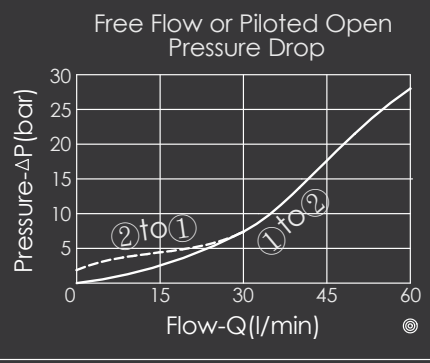
COUNTERBALANCE VALVE

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



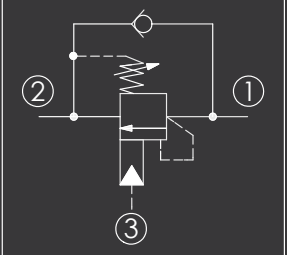
UNIT:mm

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

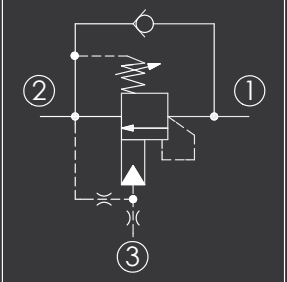


Y	SPRINGS	
	ADJUSTMENT RANGES(1.7 bar Cracking Pressure)	
H	70 - 280 bar (210 bar Standard Setting)	
I	25 - 105 bar (70 bar Standard Setting)	
	SPECIAL PURPOSES(0.3 bar Cracking Pressure)	
A	70 - 280 bar (210 bar Standard Setting)	
B	25 - 105 bar (70 bar Standard Setting)	
E	16 - 55 bar (25 bar Standard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