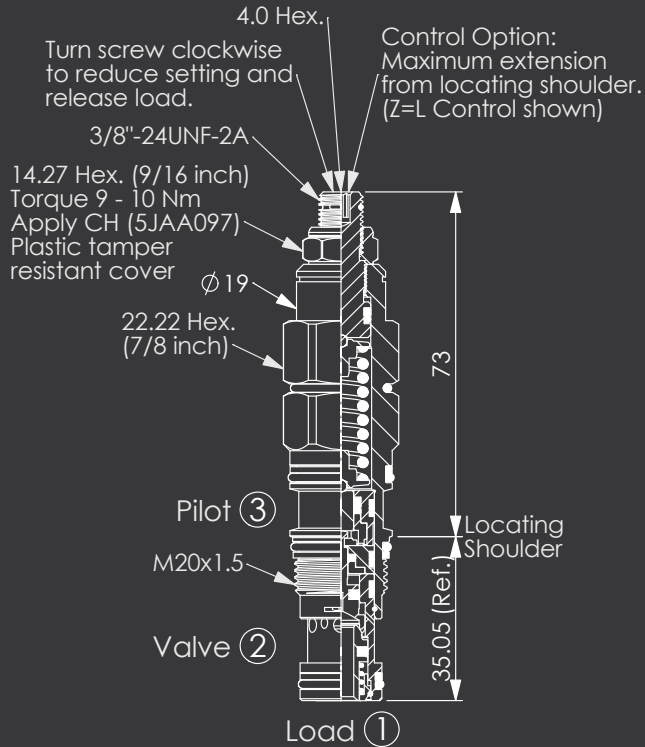


COUNTERBALANCE VALVE

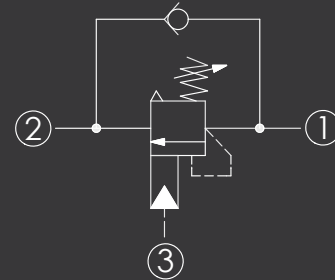
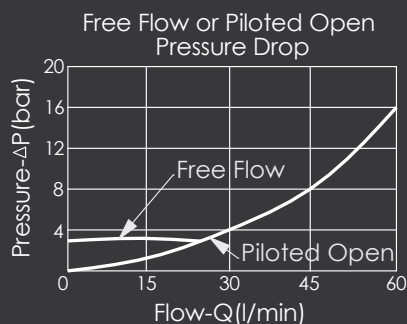
(Vented, Atmospherically Referenced, 420 Bar Maximum Setting)

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



UNIT:mm

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



TECHNICAL DATA

Max. Setting:	420	bar
Rated flow:	60	l/min
Cavity-Tooling:	11A-3	
Installation torque:	40 - 50	Nm
Weight:	0.20 (Z=L)	kg

- Pressure Setting:
Setting should be 1.3 times maximum load induced pressure.
(We suggest when the Max. setting pressure is 420 bar, the load pressure has to be lower than 320 bar.)
- Approximately 1 drop (0.07 cc) of fluid will pass from the pilot area to the vented spring chamber every 4000 cycles.

X	PILOT RATIO	
3B	2 : 1 (with sealed pilot)	
3E	5 : 1 (with sealed pilot)	
3J	10 : 1 (with sealed pilot)	

Y	SPRINGS	
	ADJUSTMENT RANGES(2.8 bar Cracking Pressure)	
F	70 - 175 bar (140 bar Standard Setting)	
G	140 - 420 bar (280 bar Standard Setting)	

Z	OPTIONS	
L	Leakproof hex. socket screw.	
C	Stainless Steel Tamper Resistant Cover.	
CB	Plastic Tamper Resistant Cover (Order Code:5JAA093)	