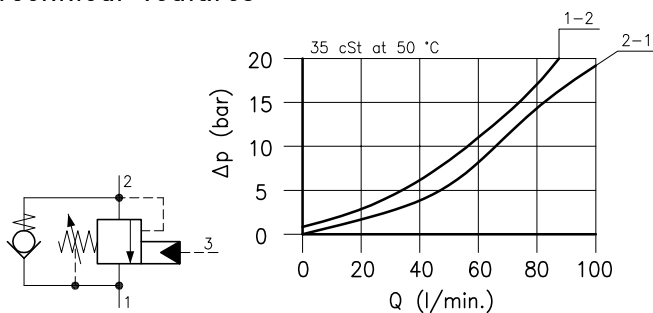


Technical features

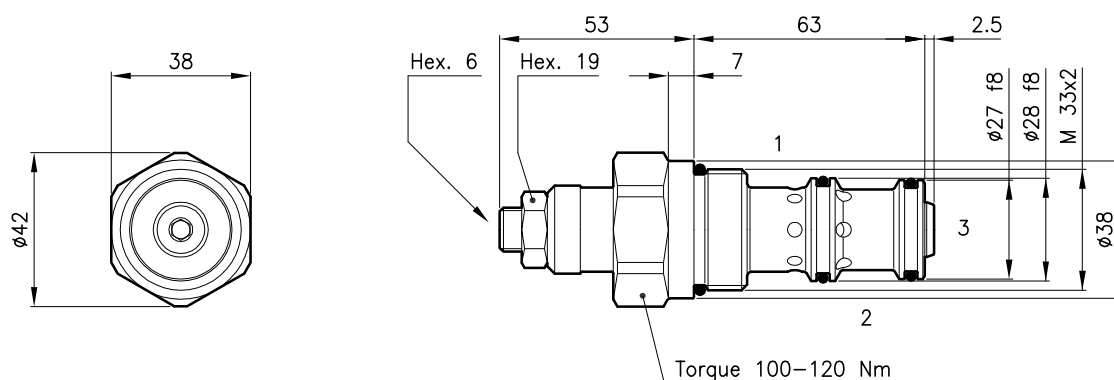


$$PP = \frac{(SP + BP) - LP}{8}$$

PP = Pilot pressure
SP = Setting pressure
BP = Backpressure port 1
LP = Load induced pressure

Cavity	(For dimensions see catalogue 17.000)	S 50/3
Max. flow	(l/min.)	90
Max. system pressure	(bar)	315
Max. setting pressure	(bar)	420
Pilot ratio		8:1
Fluid viscosity range	(cSt)	2.8 - 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	0.520
Cracking pressure 95% of setting value		
Reseat pressure 75% of setting value		
Standard setting obtained with 1 l/min.		
Hydraulic fluid; mineral oil HM and HV ISO 6074		
Recommended filtration; 19/15 ISO 4466 (25 μ absolutes)		
Standard seals in Polyurethane and Buna N		

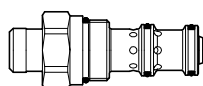
Dimensions



Ordering informations

CMQ 50/T-L

CMQ 50 = Valve type



Standard springs

Type	Setting range	Factory set
D	25 - 125 bar	105 bar
T	105 - 420 bar	280 bar

Adjustment type

L = Adjustment with oversight protection



Codes:

CMQ 50/D-L	54 011 100
CMQ 50/T-L	54 011 101
External seals kit	90 620 107

CMQ 50 valves can be assembled on standard bodies 50-C3 series; for dimensions see catalogue 16.010