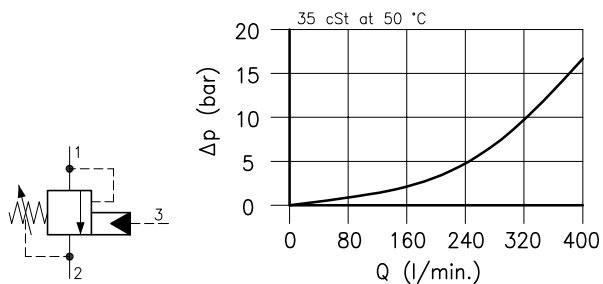


Technical features

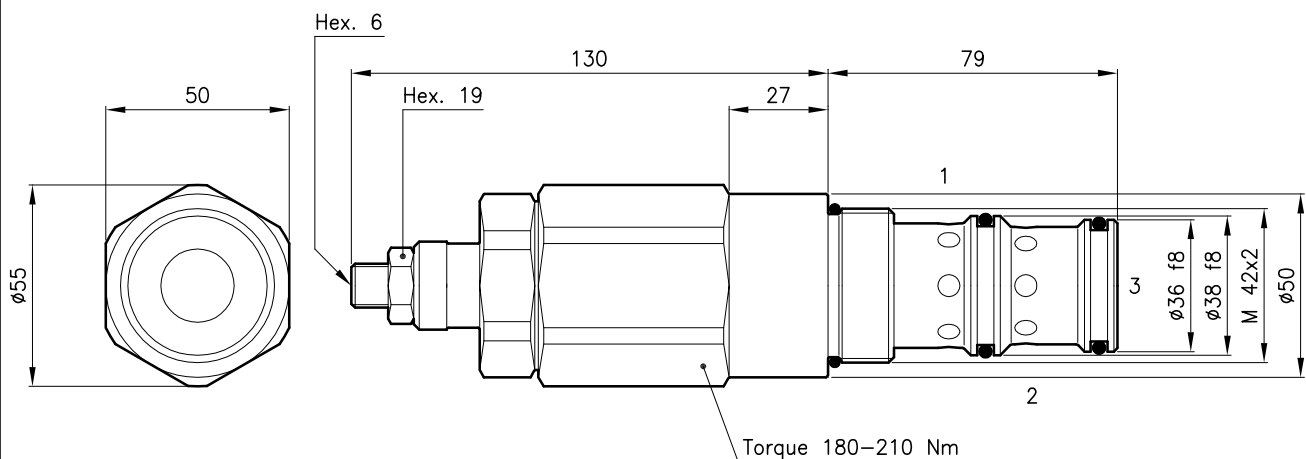


$$PP = \frac{(SP + BP) - LP}{3}$$

PP = Pilot pressure
SP = Setting pressure
BP = Backpressure port 2
LP = Load induced pressure

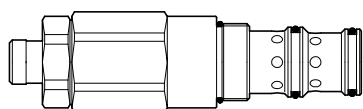
Cavity	(For dimensions see catalogue 17.000)	S 70/3
Max. flow	(l/min.)	360
Max. system pressure	(bar)	270
Max. setting pressure	(bar)	350
Pilot ratio		3:1
Fluid viscosity range	(cSt)	2.8 – 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	0.960
Cracking pressure 95% of setting value		
Reseat pressure 75% of setting value		
Standard setting obtained with 5 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

CMS 70 = Valve type



Standard springs

Type	Setting range	Factory set
U	10 – 105 bar	70 bar
D	70 – 210 bar	140 bar
T	140 – 350 bar	280 bar

Adjustment type

N = Standard adjustment

CMS 70/T-N



Codes:

CMS 70/U-N	74 011 101
CMS 70/D-N	74 011 102
CMS 70/T-N	74 011 100
External seals kit	90 620 120

CMS 70 valves can be assembled on standard bodies 70-C3 series; for dimensions see catalogue 16.010