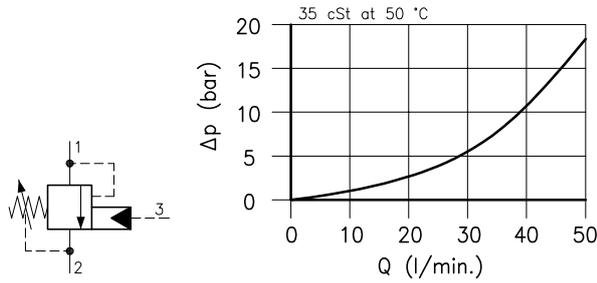


Technical features

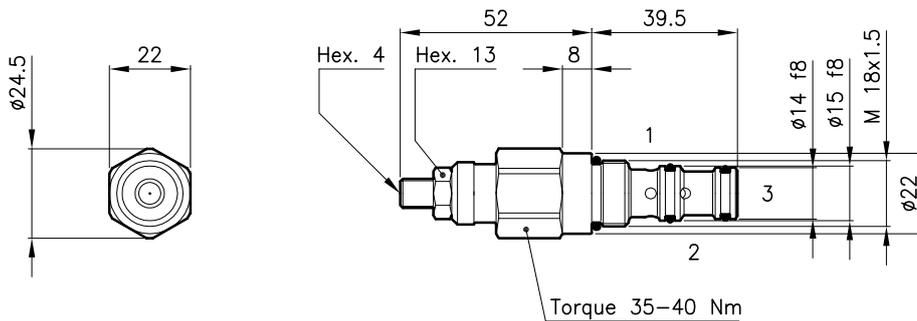


$$PP = \frac{(SP + BP) - LP}{2.9}$$

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

Cavity (For dimensions see catalogue 17.000)	S 20/3
Max. flow (l/min.)	50
Max. system pressure (bar)	270
Max. setting pressure (bar)	350
Pilot ratio	2.9:1
Fluid viscosity range (cSt)	2.8 - 380
Fluid temperature range (°C)	-20 +80
Massa (kg)	0.160
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	

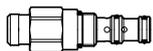
Dimensions



Ordering informations

CMS 20/T-N

CMS 20 = 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



Codes:

CMS 20/U-N	24 011 100
CMS 20/D-N	24 011 101
CMS 20/T-N	24 011 102
External seals kit	90 620 101

CMS 20 valves can be assembled on standard bodies 20-C3 series; for dimensions see catalogue 16.010