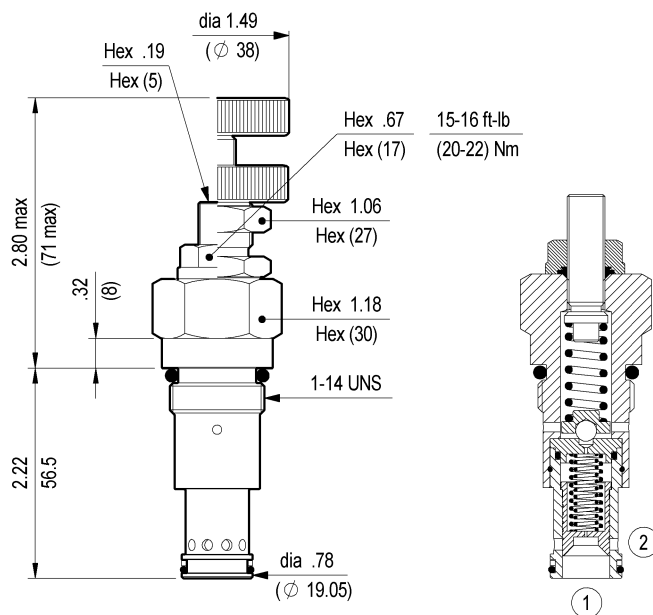


**RELIEF, PILOT OPERATED SPOOL TYPE
 SPECIAL CAVITY**

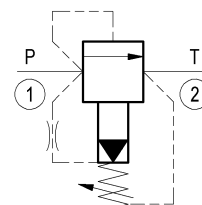
VSP-150

04.12.04 - X - 99 - Z



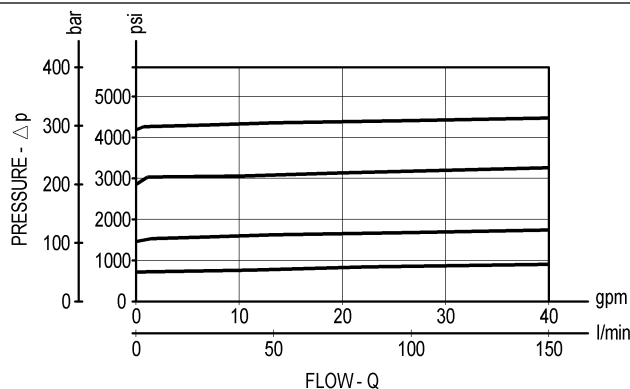
Inches
(mm)

Flow is blocked from 1 to 2 until pressure increases to meet the selected valve setting, lifting the pilot-stage ball check from its seat. This action exhausts oil above the main-stage piston (spool type), allowing it to shift and provide relief flow through 2 to tank. Pressure at 2 is additive to the relief setting of the valve.



TECHNICAL DATA

Max. pressure:	6000 psi	(420 bar)
Max. flow:	40 gpm	(150 l/min)
Leakage at max relief setting ave. :	0.03 gpm	(0.10 l/min)
Special cavity : 065 (see page CT.S.002.U)		
Installation torque :	89-98 ft-lb	(121-133 Nm)
Weight:	0.617 lbs	(0.280 Kg)
Note: suitable for application where "T" line pressure never exceeds "P" line pressure.		



X

ADJUSTMENTS

03 Leakproof hex. socket screw



04 Handknob and locknut



Z

SPRINGS

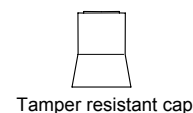
	Adj. press. range psi (bar)	Press. increase psi / turn (bar/turn)	Standard setting psi (bar) (Q=5 l/min)		
05	44-1000 (3-70)	290 (20)	725 (50)		
10	100-1500 (7-105)	377 (26)	1450 (100)		
20	145-3000 (10-210)	508 (35)	2900 (200)		
40	500-6000 (35-420)	1668 (115)	5075 (350)		

OPTIONS

Ordering code

Description

11.04.23.004



Special settings available. Contact factory authorized representative for ordering code.