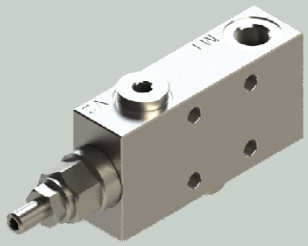
VAL-SNS792

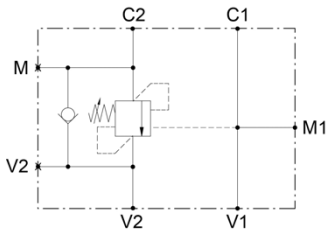
Load Holding Valve

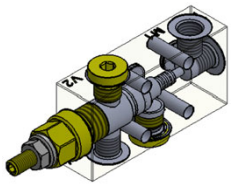
we engineer your progress



Technical description

body material	zinc plated steel
capacity	40 lpm (10 gpm)
ports size	V1,V2,M,M1: G1/4 - C1,C2:Ø6
max operating pressure	350 bar (5000 psi)
pilot ratio	4:1
maximum setting	420 bar (6100 psi)
minimum setting	60 bar (870 psi)
Pressure setting established @	cracking pressure (1in3/min)
maximum valve leakage at reseat	5 drops /minute
operating characteristic	standard
reseat	>80%
maximum recommended load pressure at maximum setting	330 bar (4800 psi)
valve weight	0,7 kg
external component surface treatment	zinc plating + sealing
temperature range	-30 to 100°C (-22 to 212°F) with BunaN seals
fluids	Mineral-based or synthetics with lubricating properties at viscositiesof 10 to 500 mm/s (cSt)
filtration	Nominal value max. 10µm (NAS 8) / ISO 4406 19/17/14

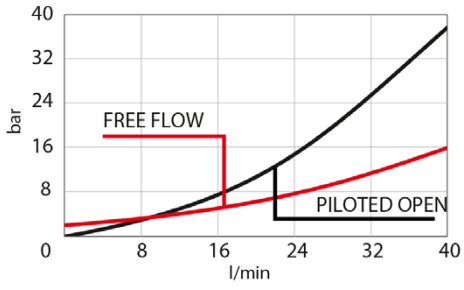




Properties

- G1/4
- Adjustable
- Low losses
- leakage free

- Backpressure at port 2 adds to the effective relief setting at a ratio of 1 plus the pilot ratio times the backpressure
- Set your counterbalance valve at least 1.3 times the maximum load induced pressure
- Indicated Reseat value is obtained with valve set @ maximum setting
- For customized settings and for settings from 360 bar to 420 bar please consult factory
- For special ports please consult factory



Type Code

V	A	L	-	S	N	S	7	9	2	0	4	G	1	4	-		-	0	0	0

Adjustable Setting
Spring **M** = 60 -210bar
Standard Setting 200 bar
Spring **D** = 110 - 350bar
Standard Setting 350bar

Dimensions

pressure increase per turn	Spring M: 103 bar/turn Spring D: 171,5 bar/turn
adjustment screw internal hex size	4
seal-lock hex size	13
seal-lock torque	12-15 Nm (9-11 lbf ft)