BENCOR (Pty) Ltd.

Pressure valves

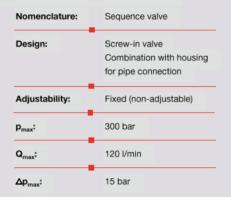


Sequence valves with check valve type VR

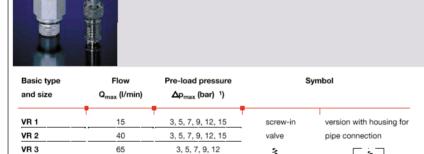
Pressure valves gover the pressure within a hydraulic system. The type illustrated below is a sequence valves which generates a constant pressure difference between inlet and outlet of the flow. The flow in opposite direction (reflow) is unhindered via a by-pass check valve. This valve shows minor leakage like other spool valves in flow direction

They are widely used as e.g. drop safety device for fork lift trucks, safeguarding the lifting cylinder during lowering to prevent continued travel if the fork accidently gets caught (accident protection) or preventing undesired oscillations by increasing the back pressure when used as se-

quence valve in reflow pipes.



1) the selected pre-load pressure i.e.



3, 5, 7, 9, 12

Order examples

VR 3 3 C

VR 4

Sequence valve size 3, opening pressure 3 bar , screw-in valve (coding C)

VR 1 15

Sequence valve size 1, opening pressure 15 bar , version with housing (coding G)

VR 49E

Sequence valve size 4, opening pressure 9 bar , version with housing (coding E)