

CHECK VALVES

WCV0.S20 Valve Series



SAE20 Cartridge-350 bar
Direct acting-Poppet Type

Description

A screw-in; cartridge style, direct acting, poppet type check valve. Main use is as a blocking or load-holding device. The WCV0.S20 allows flow passage from port 1 to 2: the cartridge has a fully guided check which is spring-biased closed until sufficient pressure is applied at port 1 to open to 2. The flow is blocked in the opposite direction (2 to 1).

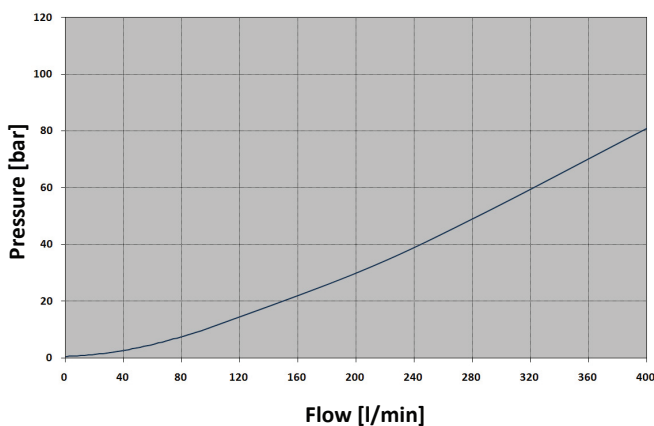
Symbols



Technical Features

All external surfaces are zinc plated and corrosion-proof. All valve parts are made of high strength steel. Poppet is hardened and ground to guarantee minimal wear and to extend service life. Compact size. Optional bias springs for back-pressure application flexibility. Industry common cavity.

Performance Details



Technical data

Maximum operating pressure	350 bar
Maximum flow	400 l/min
Internal leakage	0.10 cc/min max @350 bar
Temperature	°C -30°C to 110°C
Fluids	Mineral-based or synthetics with
Lubricating properties at viscosities of	7.4 to 420 cSt
Orientation	no restrictions
Installation torque	200-215 Nm
Seal kit code	SK.078
Weight	0.550 kg

Note : The performance chart illustrates flow handling capacity for significant spring bias options. P/Q curves are recorded at TOil = 40° and 46 cSt

