

CVH0.S10 Valve Series

Hybrid SAE Cartridge - 420 bar

Direct acting - Ball Type

Description

A screw-in, cartridge style, direct acting, ball type check valve.

Main use is as a blocking or load-holding device.

The CVH0.S10 allows flow passage from port 1 to 2: the cartridge has a spring guided ball 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).

Technical Features

All external surfaces are zinc plated and corrosion-proof.

All valve parts are made of high strength steel.

Compact size.

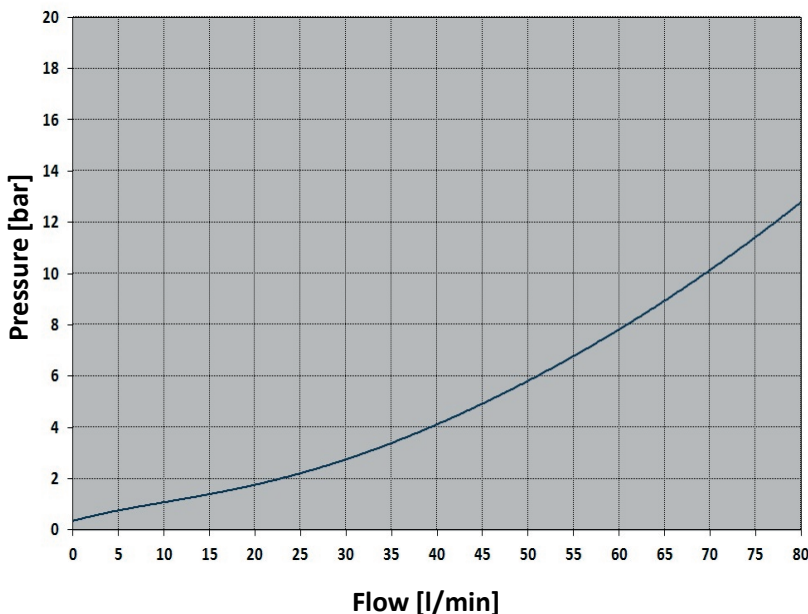
Industry commonly used hybrid cavity "SAE10".



Symbols



Performance Details



Technical Data

Maximum operating pressure: 420 bar

Maximum flow: 80 l/min

Internal leakage: 0.10 cc/min max @ 420 bar

Temperature: -30°C to 110°C

Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 7.4 to 420 cSt

Orientation: no restrictions

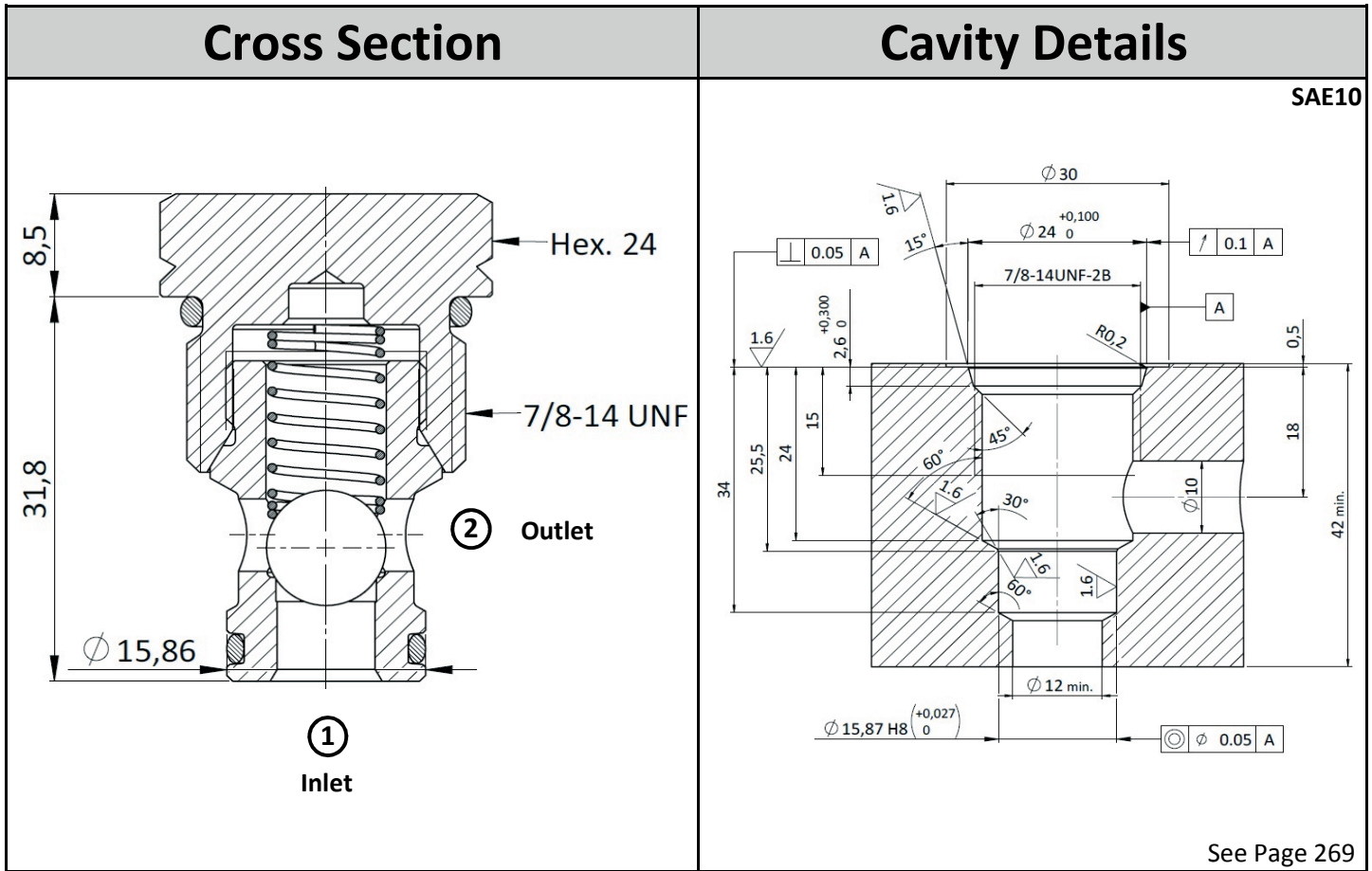
Installation torque: 55-65 Nm

Seal kit code: SK.032

Weight: 0.083 kg

NOTE: The performance chart illustrates flow handling capacity.

P/Q curve is recorded at $T_{oil} = 40^{\circ}C$ and 46 cSt



Ordering Code

C V H 0 . **S 1 0** . **0 Y** . **0 0 0**

Valve Basic Code (C V H 0)

Cavity (S 1 0)
 S10 = UNF - SAE10
 Metric cavity available upon request

Bias Spring (Y)
 Y = standard (cracking pressure < 0.5 bar)

Marking (0)
 0 = Standard factory marking
 Customized markings can be done upon request

000 = standard configuration

Customized bias springs can be offered upon request.

Specifications may change without notice.