

# ILCV2500-G18

In-line Check Valve



## DESCRIPTION

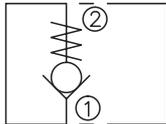
An in-line, poppet-type check valve.

## OPERATION

When pressure at ① rises above the spring bias pressure, the poppet is lifted and flow allowed from ① to ②.

The valve is closed (checked) from ② to ①.

## SYMBOL

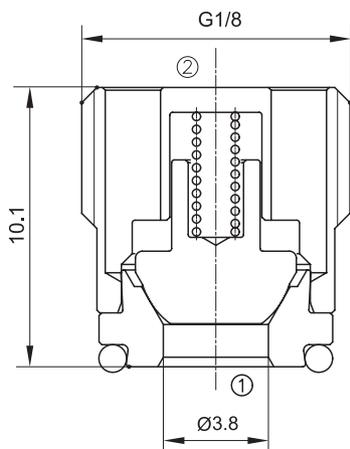
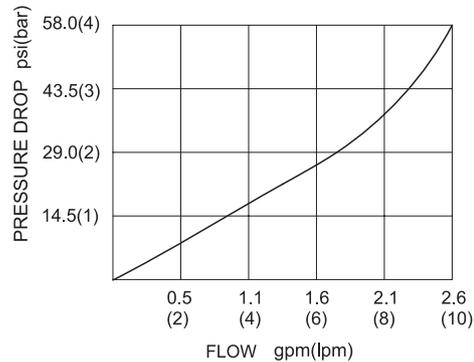


## SPECIFICATIONS

Max.Operating Pressure	350bar
Flow	See PRESSURE DROP VS.FLOW graph.
Internal Leakage	2 drops/min max. at 350bar
Cracking Pressure	1bar(ILCV2500-G18); 0.3bar(ILCV2500-G18-X)
Temperature	-40°F to +250°F(-40°C to +120°C)
Fluids	Mineral-based fluids with viscosities of 7.4 to 420 cSt.
Housing Material	Steel & Ductile iron rated to 350bar

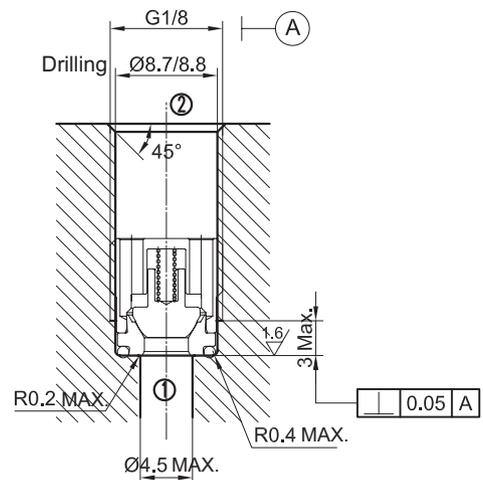
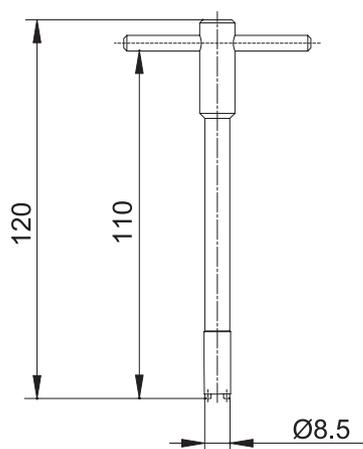
## PRESSURE DROP VS.FLOW

46cSt oil @ 40°C



Max.poppet Stroke 1.1mm  
Torque 5Nm

## ILCV2500-G18 TOOL



Unit=Millimeters