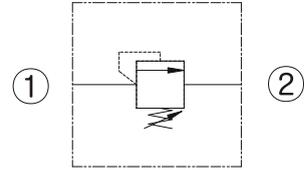
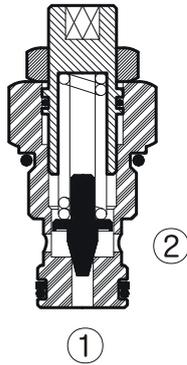


RELIEF VALVE



TECHNICAL DATA

Operating Pressure

200 kg·f/cm²

Flow

See performance chart

Internal Leakage

Max. 0.25cc/min (to 75% of nominal setting)

Temperature

-40 to 120 °C with standard seals

DESCRIPTION

A screw-in, Cartridge-style, direct-acting, poppet type, hydraulic relief valve intended for lower flow circuits requiring low internal leakage.

OPERATION

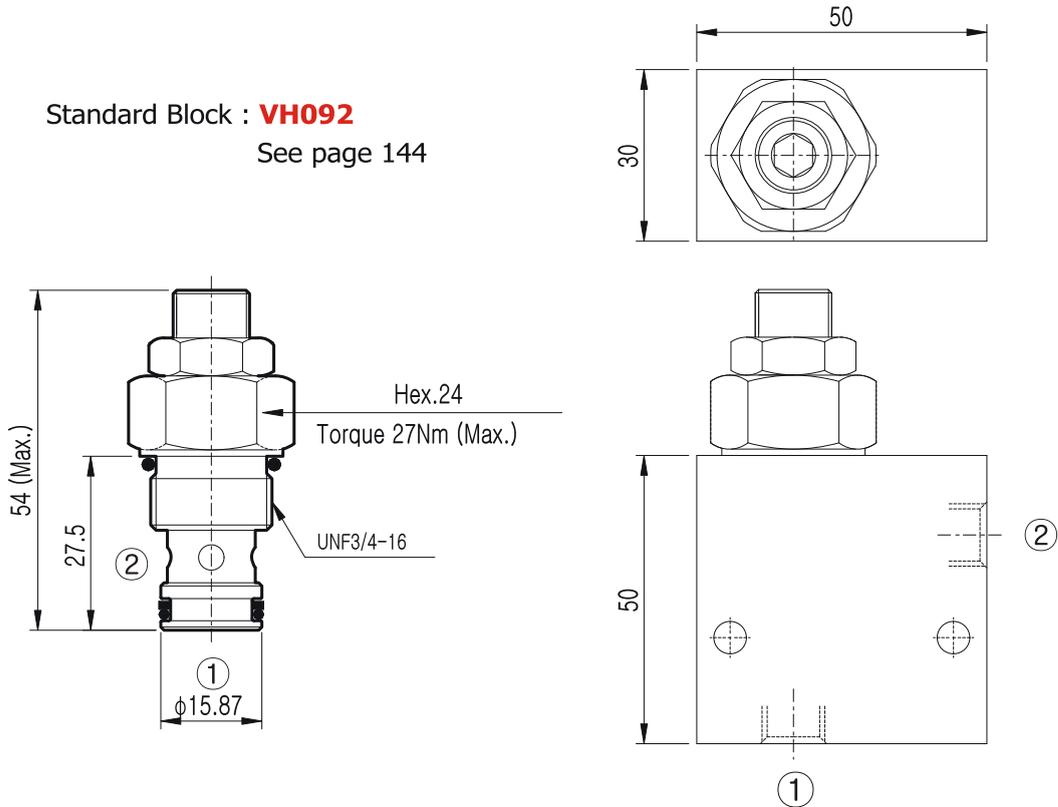
The valve blocks flow from ① to ② until sufficient pressure is present at ① to force the spring-opposed poppet from its seat. For settings over 180 kg·f/cm².

FEATURES

- ▶ Hardened seat for long life and low leakage.
- ▶ Optional bias springs for back-pressure application flexibility.
- ▶ Rapid response to pressure change.
- ▶ Compact size.

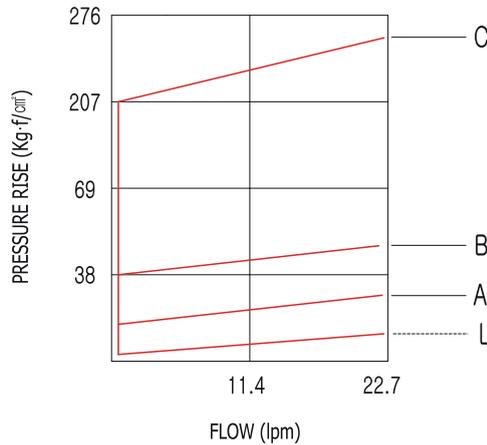
DIMENSION

Standard Block : **VH092**
See page 144



PERFORMANCE CURVE

Test Fluid
40°C (32 cst)



Pressure Range	
L	3~10 kg·f/cm ²
A	10~60 kg·f/cm ²
B	50~150 kg·f/cm ²
C	100~200 kg·f/cm ²

RELIEF, DIRECT-ACTING POPPET
PRESSURE : 200 Kg · f/cm²
CAVITY : HC09-2

