

# HYDRAULIC SPRING VALVE BLOCK

for individual hydraulic props  
of **HVP** type



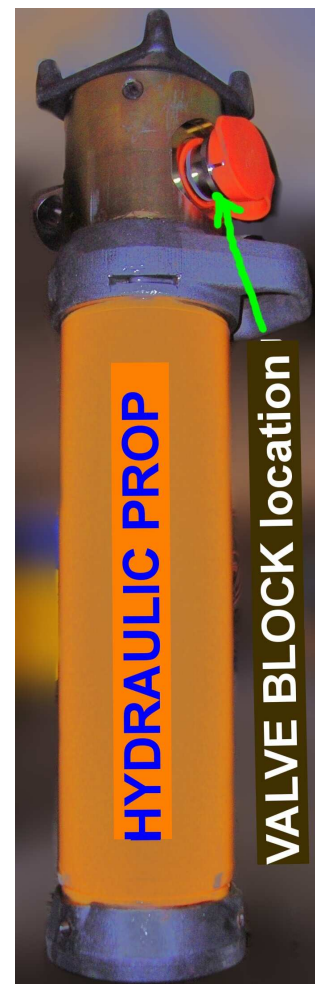
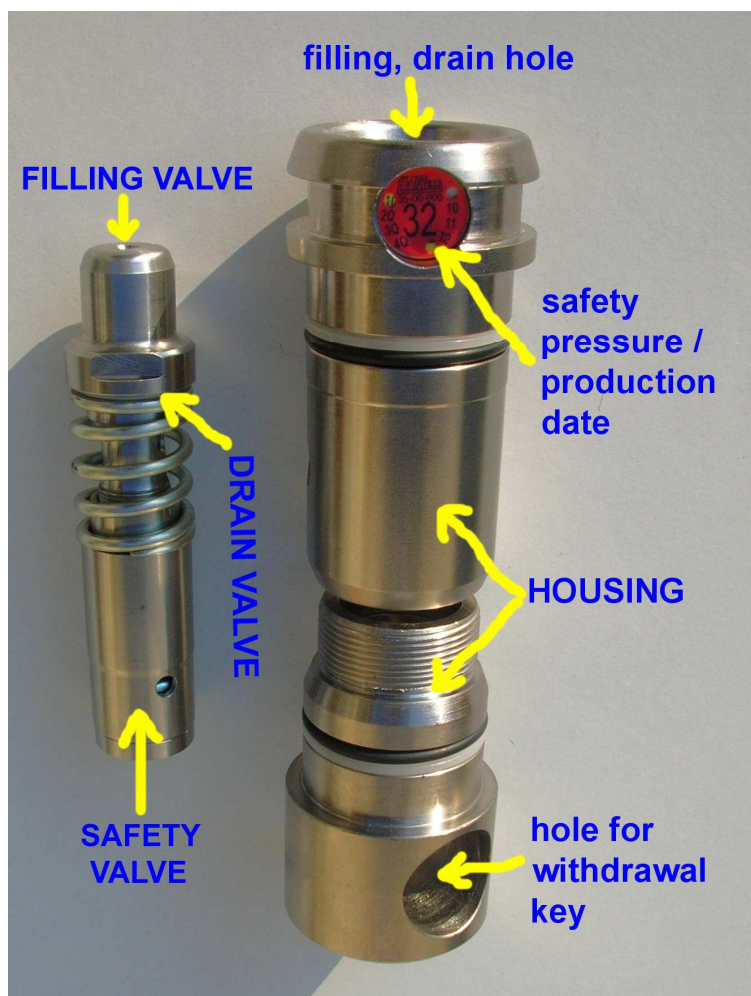
Hydraulic spring valve block is designed to filling, looting (discharge) and securing of the internal pressure of the hydraulic liquid of individual hydraulic props. The safety mechanism works on the principle of the spring with adjusting screw. All used parts are made of non-corrosive materials due to highly aggressive environment of underground mines.

The design complies with the requirements for mining equipment and meets the requirements for use in SNM 2 explosive methane environment according to section 232 of the Czech Mining Authority Decree No.22/1989 Coll.



## Technical data:

-safety pressure (adjustable)	from 25MPa to 45MPa (according to customer requirements)
-maximum safety valve flow rate	60 dm <sup>3</sup> . min <sup>-1</sup>
-safety system	spring with locking screw
-temperature of the work environment	+5°C to +40°C
-working liquid	emulsifying oil in water (acc. to art.3.3.5 of NP35)
-conditions of the working fluid supp.	maximum pressure of 32 MPa / max flow rate of 30 l / min
-working liquid filtration	50 µm
-maximum tightening torque	10 Nm
-net weight	1.3 kg
-dimensions	Ø 50 x 162 mm
-connection dimensions	Ø 42.1 <sup>+0,1</sup> (min. roughness 0.8) x 101 mm



## Spring valve block benefits:

- long-term stability of the insurance pressure
- greater flow rate
- possibility of adjustment safety pressure