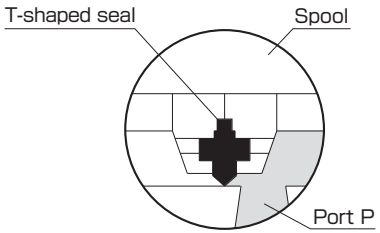
Features of SH valves

Soft seal type (type E)



Features

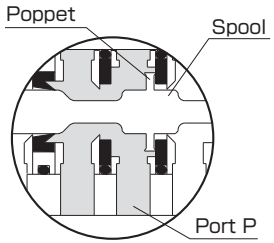
- The valves of this type have a spool structure and use a unique T-shaped seal which does not stick out. This mechanism prevents wear of the seal while it is passing the port.
- This type ensures a larger flow rate than the type H using a body of the same size.

Model

- 3E∗-08/5E∗-08(10)

Note) ∗indicates the shifting type.

Spool poppet type (type H)



Features

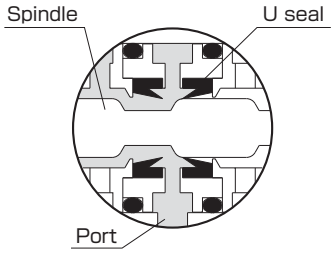
- The seal of port P has a poppet structure to prevent damage to the seal caused by inclusion of foreign particles.
- Even at the shifting position of a detent type valve and at the neutral position of a 3-position valve, holding force is constantly applied to the spool by air pressure to prevent malfunctions due to vibration.

Model

- 3H∗-08/5H∗-08(10)
- 3H∗-15(10)/5H∗-15
- 3H∗-20(25)/5H∗-20(25)

Note) ∗indicates the shifting type.

Spindle type (type B)



Features

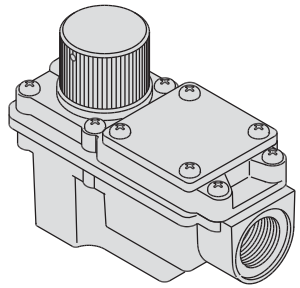
- Sealing between ports is ensured by the U seal secured on the body. Therefore, the ports are sealed reliably with a low sliding resistance.
- The body is smaller than those of types H and E.

Model

- 5BR-08/5BD-08

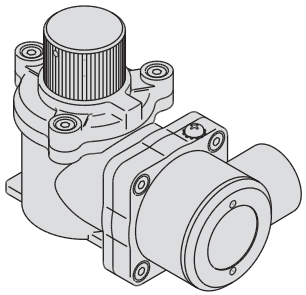
Splash proof type equivalent to IP67

- Splash proof valves which can be used in a splashing environment have been developed as variations of pilot valve.
- The aluminum die-cast housing and the sealing material realize high-class protection.



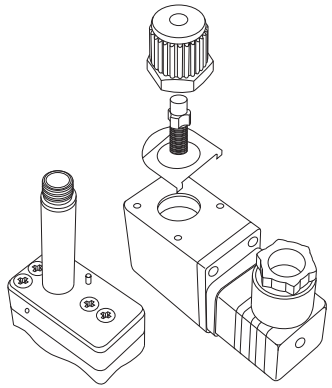
Pressure-resisting explosion-proof type corresponding to d2G4

- Usable in an environment with corrosive or explosive gas
- To confirm whether this type of valve can be used for your purpose, see the catalog.



Pilot pipe system for easy replacement of coil

- The simple coil replacement mechanism facilitates change of voltage and wiring type.



Full-wave rectifying coil which are hardly burnt out

- AC and DC HR02 coils used in the general-purpose solenoid valves have a built-in protective circuit with a varistor. In addition, the AC coils have a full-wave rectifying circuit for DC control. The use of these circuits prevents burnout of the coils due to adhesion of foreign particles and generation of growling.

AC coil internal circuit
HR02