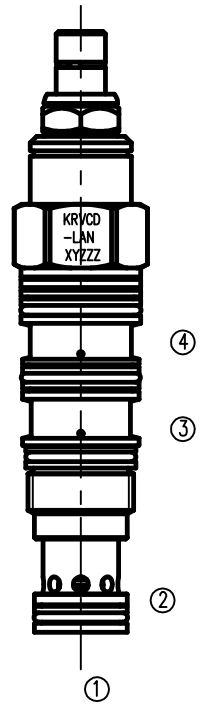


KFVDA-XAN

溢流阀



工作 OPERATION

Technical features external interface control, pilot control type, balanced slide valve structure, with external leakage relief valve for normally closed pressure regulating valve.

When the inlet (port 1) pressure reaches the valve set value, the valve begins to overflow to the fuel tank (port 2), throttling to adjust the pressure. This type of valve provides an external interface (port 3) between the main stage piston and the pilot stage, which can be connected to other pilot stage control valves or 2-way valves for remote control, and an outlet (port 4) makes this type of valve unaffected by back pressure.

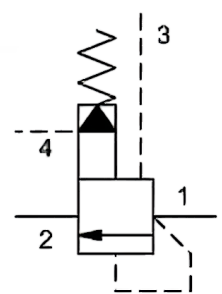
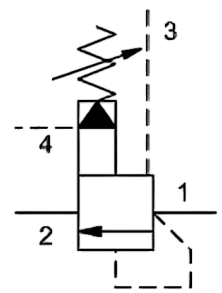
This kind of valve pressure adjustment precision is high, the pressure fluctuation with the flow change is small, and the adjustment is smooth, the noise is small, the response speed is moderate.

外接口控制，先导控制式，平衡滑阀结构，带外泄漏溢流阀为常闭压力调节阀。当进口（口1）压力达到阀设定值，阀开始向油箱（口2）溢流，节流以调节压力。此类阀在主级活塞和先导级之间提供了一个外接口（口3），可以接入其它先导级控制阀或2通阀实现远程控制，并且外泄口（口4）使此类阀不受背压影响。此类阀压力调节精度高，压力波动随流量变化小，并且调节平稳，噪声小，响应速度适中。

技术特性

- 口3（外接口）处的远程先导溢流阀可以控制此阀压力低于设定值。
- 可在口2接受最大压力；适合应用在交叉端口的溢流油路中。如果应用在交叉端口的溢流油路中，请考虑滑阀泄漏。
- 主级的阻尼孔被150微米的不锈钢滤网保护。因为滑阀的泄漏，不适合使用在负载锁紧应用中。
- 口4处的压力直接以1:1的比例增加到阀的设定值上，口4处的压力不能超出5000 psi（350 bar）。
- 配置EPDM密封圈的插装阀可用在磷酸酯液压油系统。暴露在石油基液压油或润滑油脂中会损坏密封圈。
- W和Y控制方式是可以指定或不指定特定设定值。当没有特定值设定要求时，将采用标准设定，并全范围可调。当按特定值设定时，这个特定值将会代表阀的最大设定值。

符号 SYMBOL



压力-流量曲线 PRESSURE DROP VS. FLOW

