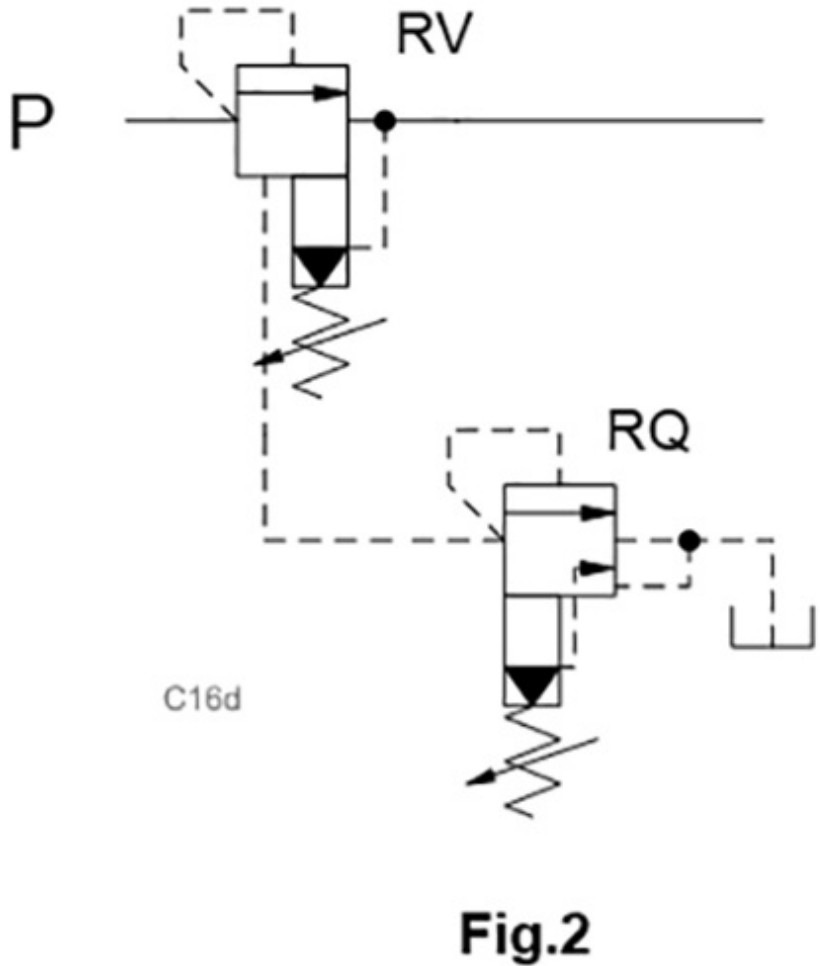
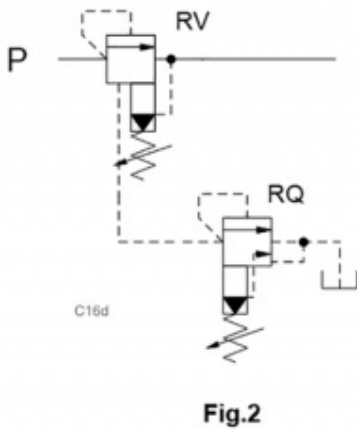


Prepared for :

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## Schematics

## Summary



## Related Products

### Cartridges

*RQCB* - Kick-down, pilot-operated, balanced piston relief valve  
*RVCB* - Normally closed modulating element valve with relief function

The example shows an alternative to a kick-down relief valve that typically causes pressure spikes in the tank line.

- Kickdown relief valve: RQ\*B
- Pilot-operated vented relief valve: RV\*\*

Benefits of this circuit arrangement

- Kickdown relief valves open rapidly and stay open when supply pressure exceeds the setting of the valve. The rapid opening could cause pressure spikes in the tank line.
- An RQ\*\* can be used to pilot operate a vented relief valve RV\*\*. The circuit in Fig.2 can replace the kick-

down relief in **Fig.1**. Since the pilot kick down RQ\*\*unloads the RV\*\* downstream, it unloads less rapidly (due to a damping orifice within the RV\*\*).