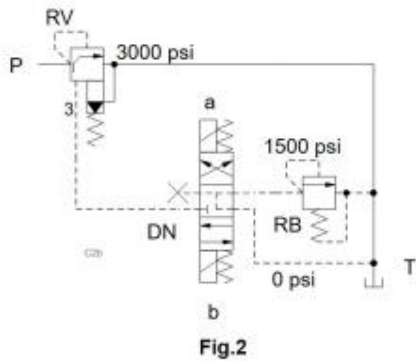
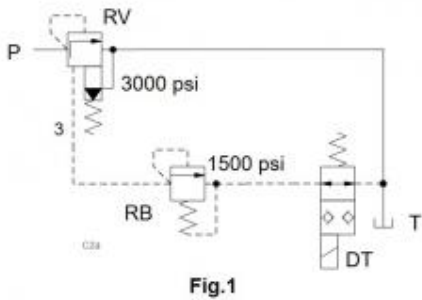


Prepared for :

Prepared by :

## Schematics

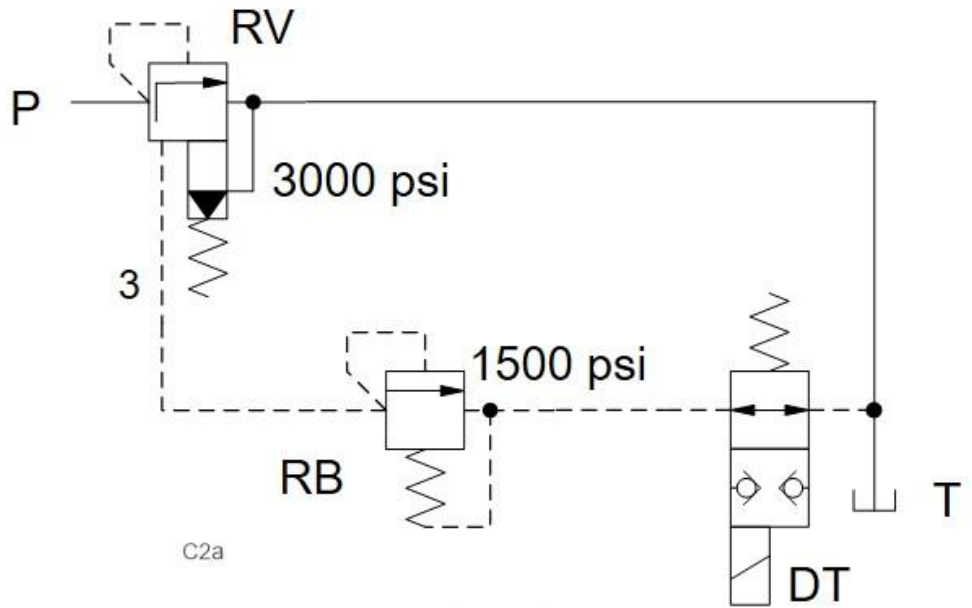
## Summary



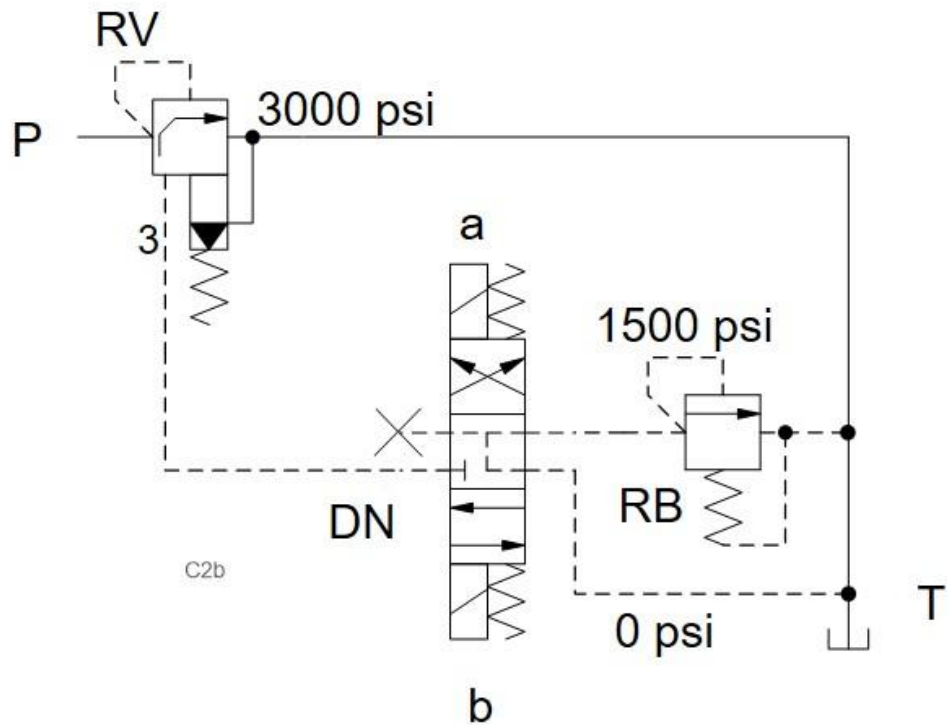
## Related Products

### Cartridges

- RVBA - Ventable, pilot-operated, balanced piston relief valve
- DNDC - 4-way, 3-position, solenoid-operated directional spool valve



**Fig.1**



**Fig.2**

The examples show ventable relief valves used to either fully unload the pressure in a system, or reduce the maximum pressure setting.

- Ventable relief valves: RV\*A, RBAE, RV\*T
- Directional control valves: DN\*C

Benefits of this circuit arrangement:

- **Fig.1** shows a ventable pressure relief valve RV\*A. Port 3 sees a pilot relief valve RBAE with a setting (1500 psi) below the setting (3000 psi) of the RV\*A. The system pressure falls to the RBAE setting when DTDA opens. The spool-type valve RV\*A can be replaced with a poppet type RV\*S.

- **Fig. 2** shows a ventable anti-shock relief valve RV\*T. A 3/4-way valve DNDC-XYN in the vent line 3 of the RV\*T offers the following options:

- a) Sets the RV\*T to 3000 psi in its de-energized state
- b) Sets the RV\*T to 1500 psi by energizing solenoid A
- c) Vents RV\*T to tank with 0 pressure setting by energizing solenoid B