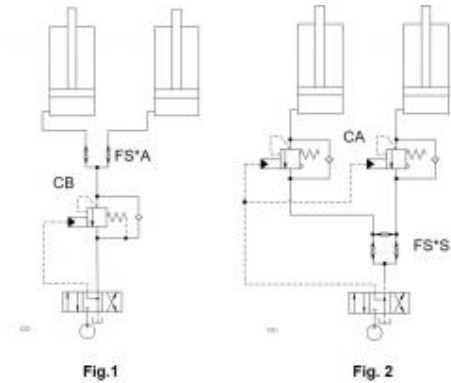


Prepared for :

Prepared by :

## Schematics

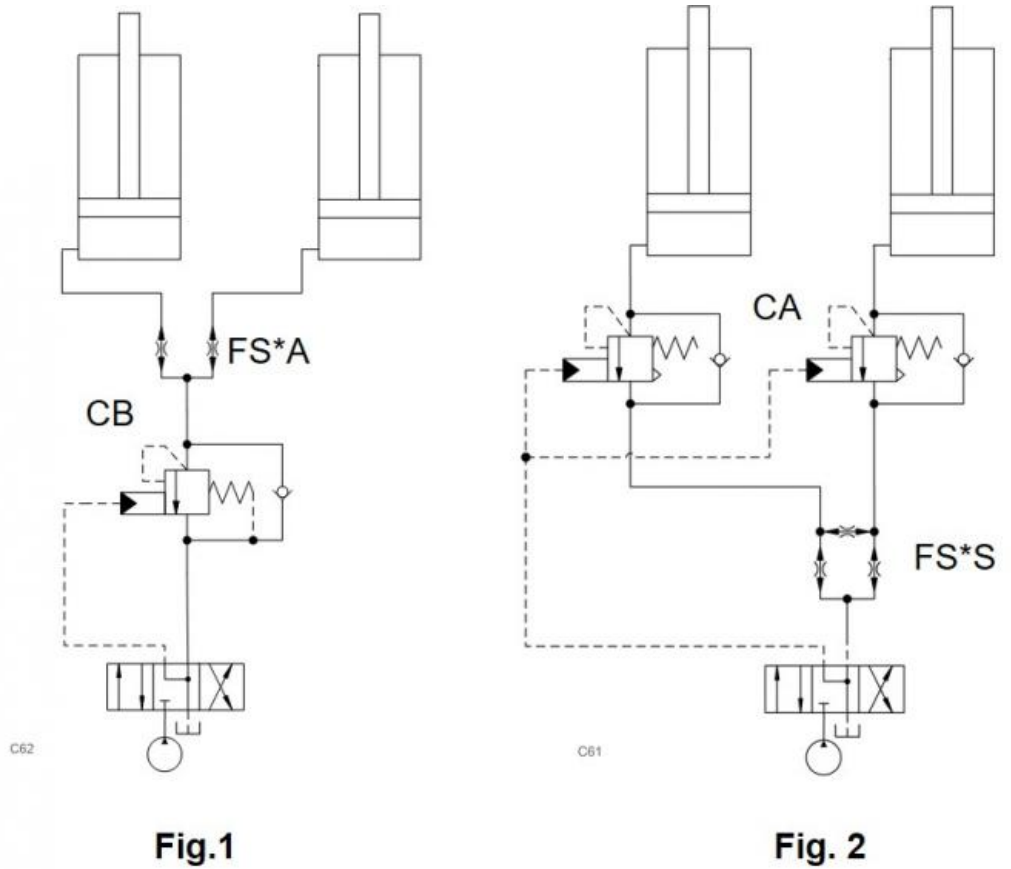


## Related Products

### Cartridges

- FSAA - High accuracy, closed center, flow divider-combiner valve
- CWCA - 3:1 pilot ratio, vented counterbalance valve
- CBAA - 3:1 pilot ratio, ultra-restrictive counterbalance valve

## Summary



These example show flow divider/combiners for single-acting cylinders.

- Flow divider/combiner valve : FS\*A, FS\*S
- Vented counterbalance valve : CA\*\*, CW\*\*
- Counterbalance valve : CB\*\*

Benefits of this circuit arrangement:

- **Fig. 1** shows a flow divider/combiner without synchronization. Leakage from one cylinder to the other will occur during load-holding conditions, as the FS\*A valve is a spool-type valve. A single standard counterbalance valve can be used for load-holding of the two cylinders.
- **Fig. 2** shows a flow divider/combiner with synchronization in the end-of-stroke position. The vented counterbalance valves on each cylinder ensure a load-holding function for each cylinder.

For Sun technical support, contact Steve Weber.