

Fig 5.2. Control of Single -Acting Hydraulic Cylinder.

- C = Single acting cylinder
- P = Pump
- E = Electric Motor
- T = Tank
- F = Filter
- R = Relief Valve
- D =2-position, 3 way DCV Manually operated and spring return

5.2 Control of Double -Acting Hydraulic Cylinder :

Double -Acting cylinders can be extended and retracted hydraulically. Thus, an output force can be applied in two directions.

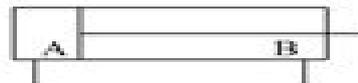


Fig 5.3 Double acting cylinder

Hydraulic Circuit Design And Analysis

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