



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

Shasha Hu



Hydraulic Circuit Design And Analysis:

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