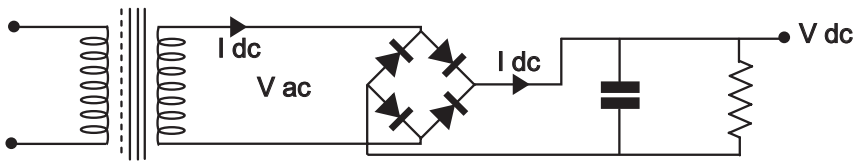


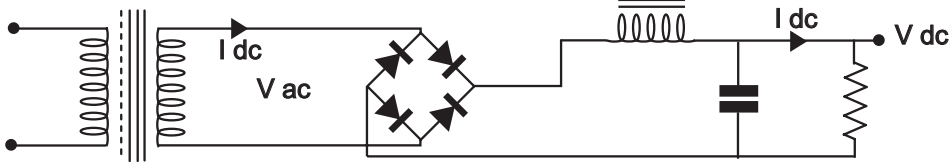
Full wave bridge (capacitor input filter)



$$V_{dc} = 1.41 \times V_{ac}$$

$$I_{dc} = 0.62 \times I_{ac}$$

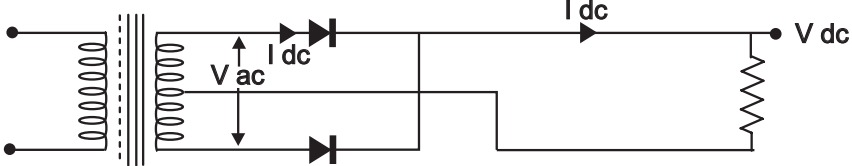
Full wave bridge (choke input filter)



$$V_{dc} = 0.90 \times V_{ac}$$

$$I_{dc} = 0.94 \times I_{ac}$$

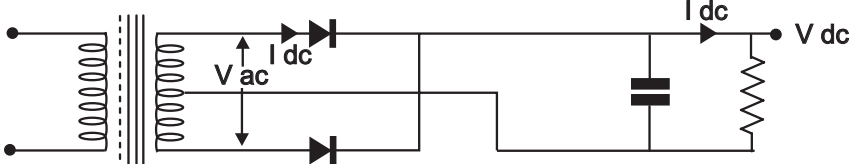
Full wave (resistive load)



$$V_{dc} = 0.45 \times V_{ac}$$

$$I_{dc} = 1.27 \times I_{ac}$$

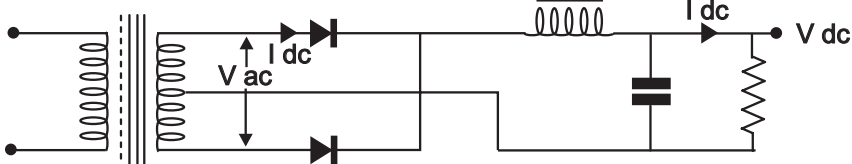
Full wave (capacitive input filter)



$$V_{dc} = 0.71 \times V_{ac}$$

$$I_{dc} = 1.00 \times I_{ac}$$

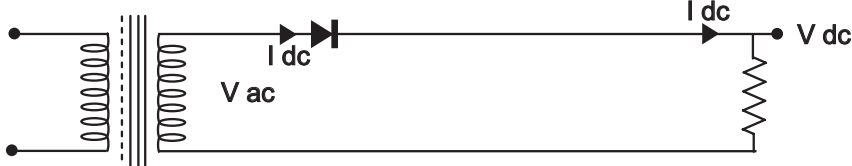
Full wave (choke input filter)



$$V_{dc} = 0.45 \times V_{ac}$$

$$I_{dc} = 1.54 \times I_{ac}$$

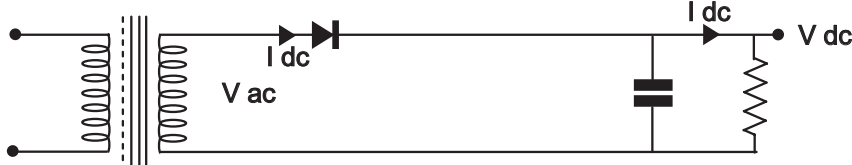
Half wave (resistive load)



$$V_{dc} = 0.45 \times V_{ac}$$

$$I_{dc} = 0.64 \times I_{ac}$$

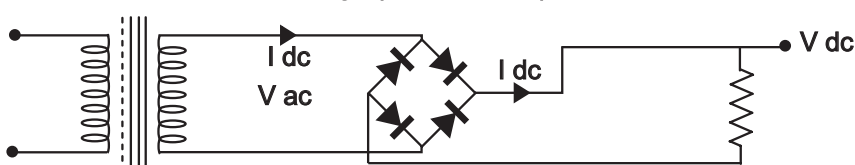
Half wave (capacitive input filter)



$$V_{dc} = 1.41 \times V_{ac}$$

$$I_{dc} = 0.28 \times I_{ac}$$

Full wave bridge (resistive load)



$$V_{dc} = 0.90 \times V_{ac}$$

$$I_{dc} = 0.90 \times I_{ac}$$