

# CHAPTER 11

## FLOW CONTROLS



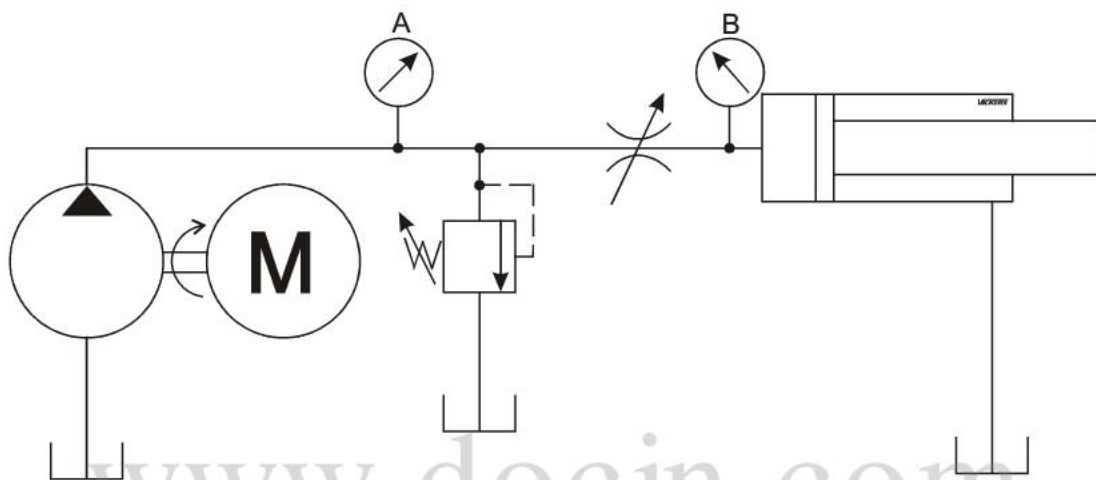


Figure 11-1 Meter-in circuit

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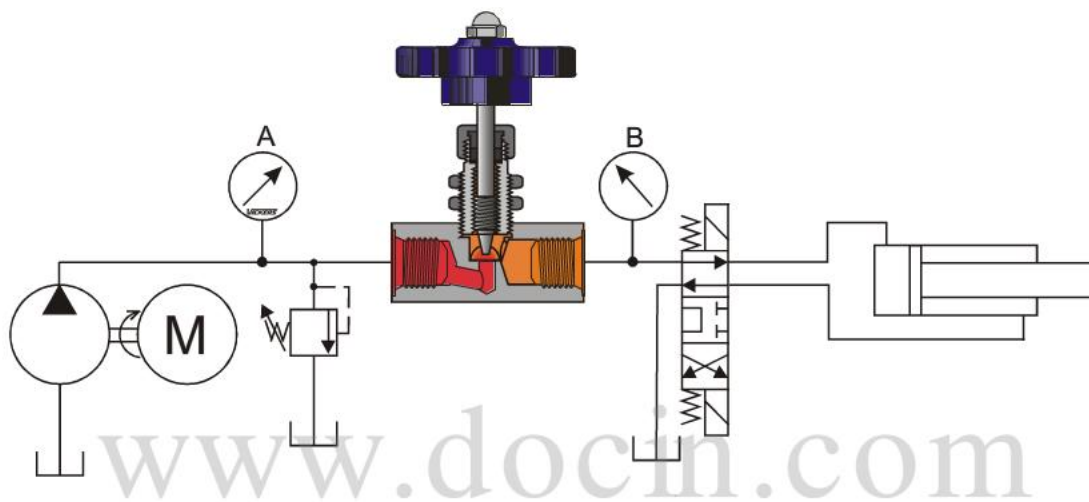


Figure 11-2 Meter-in circuit

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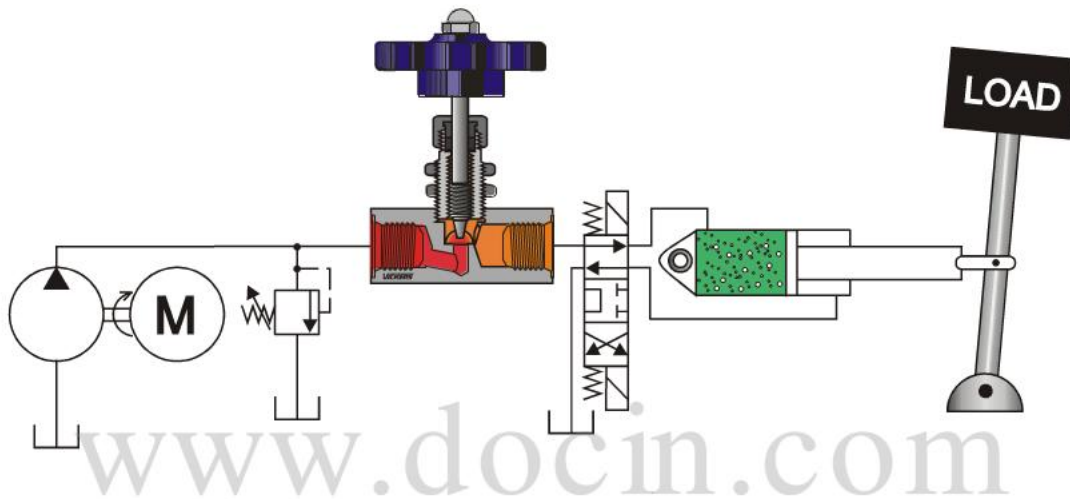


Figure 11-3 Meter-in circuits do not control runaway loads

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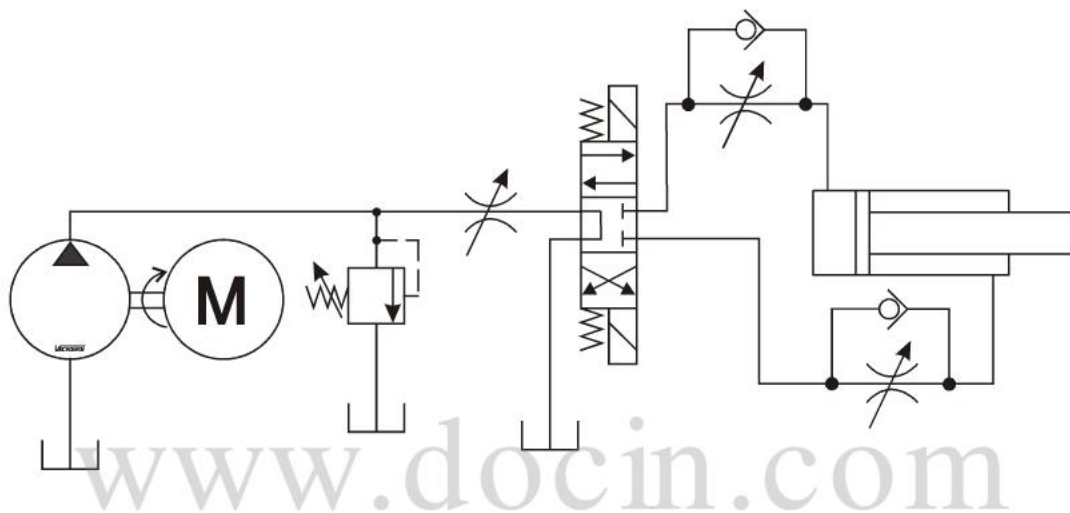


Figure 11-4 Locations for meter-in applications

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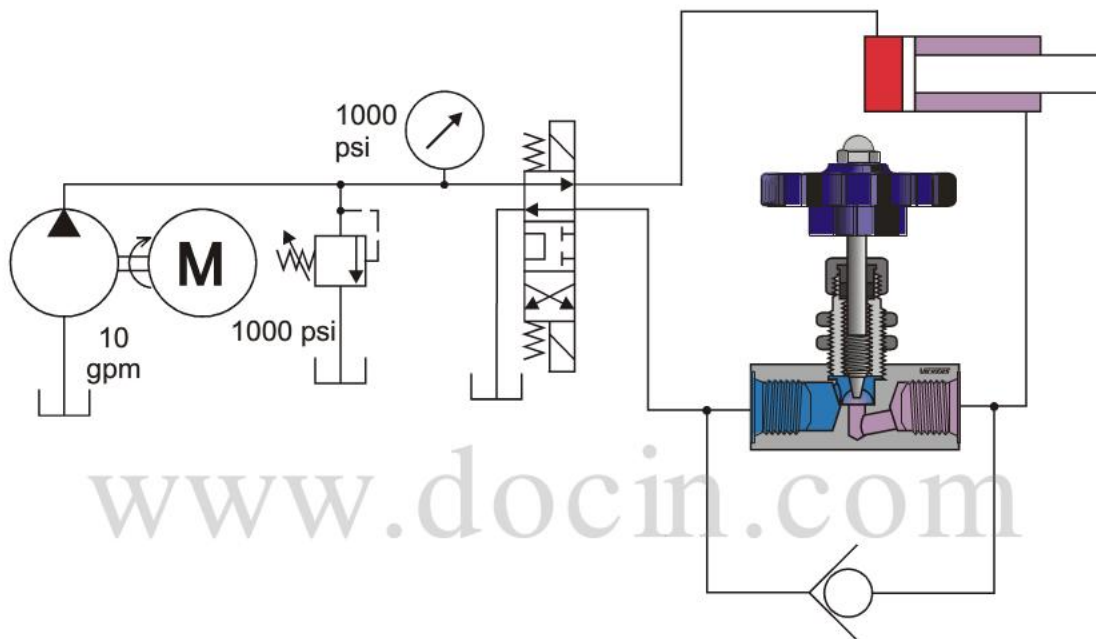


Figure 11-5 Meter-out circuit

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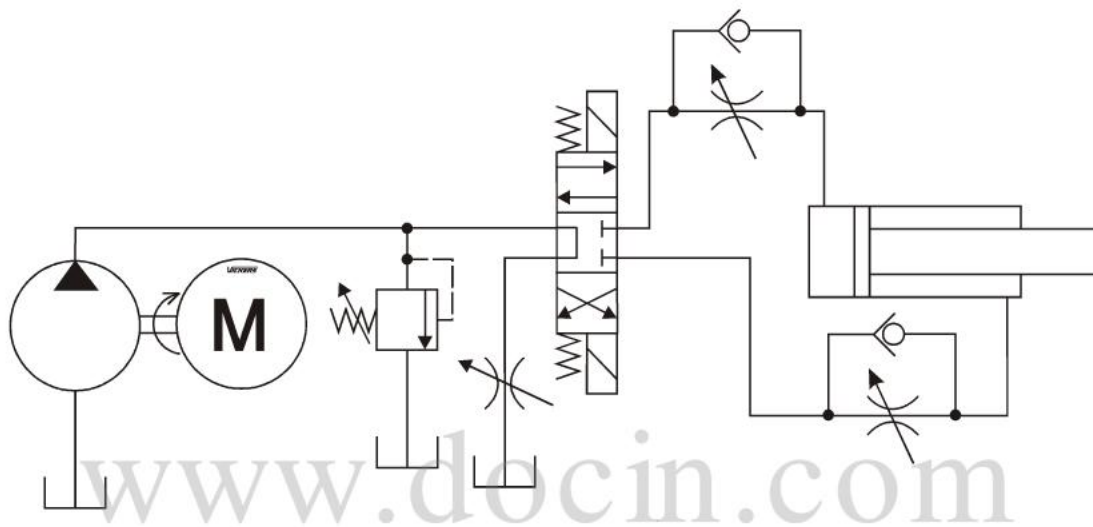


Figure 11.6 Locations for Meter-Out Applications

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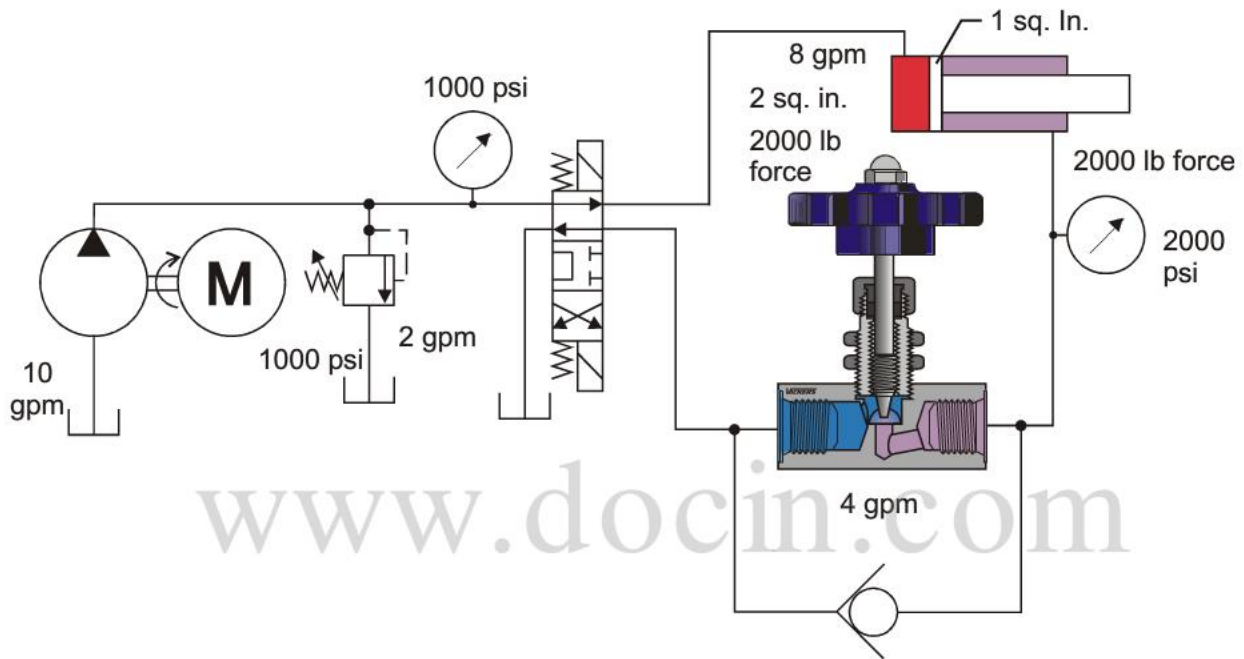


Figure 11-7 Pressure intensification in meter-out circuits

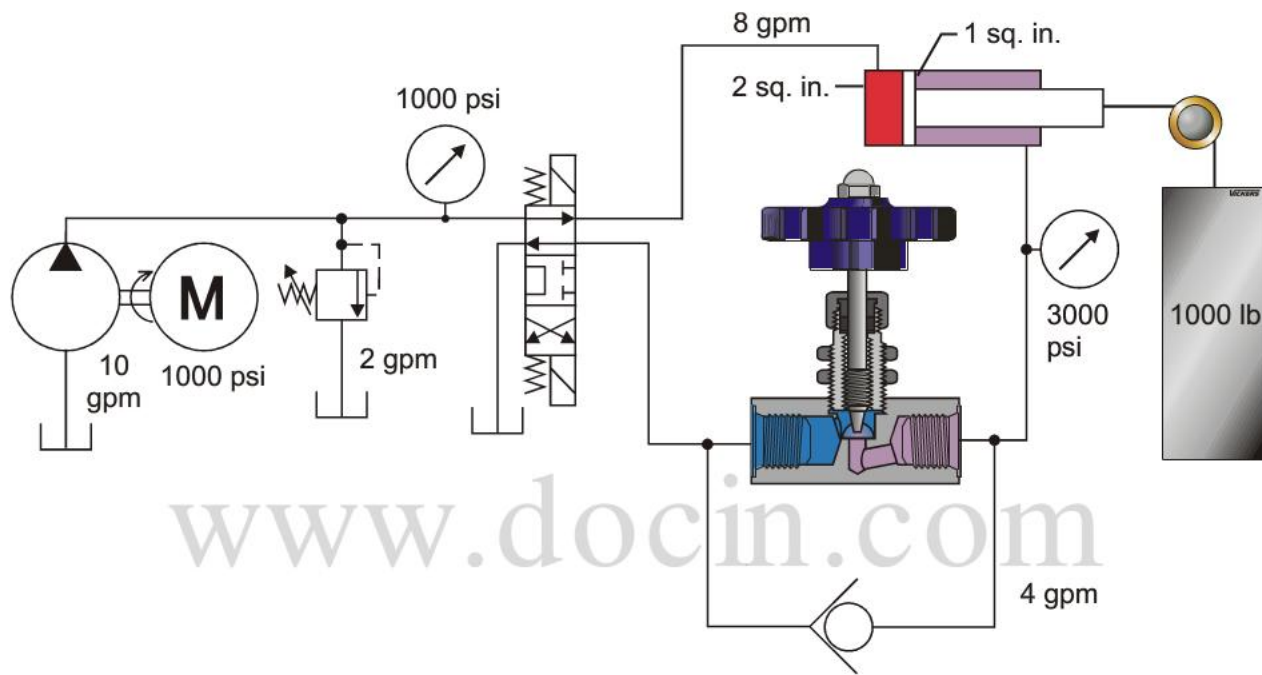


Figure 11-8 Load pressure adds to intensification

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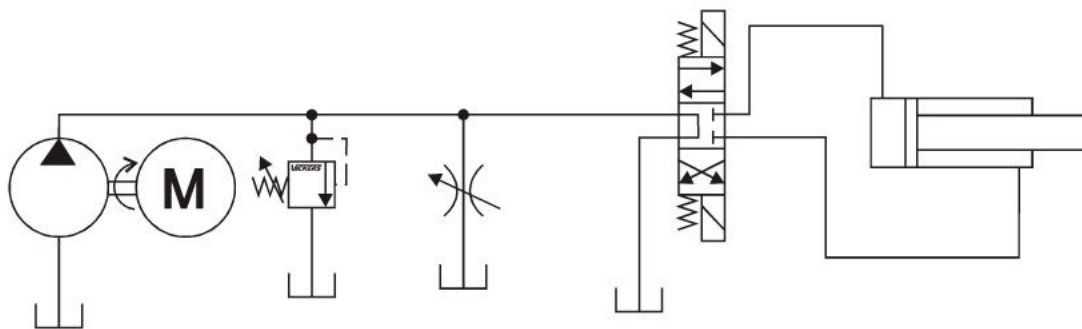


Figure 11-9 Bleed-off circuit

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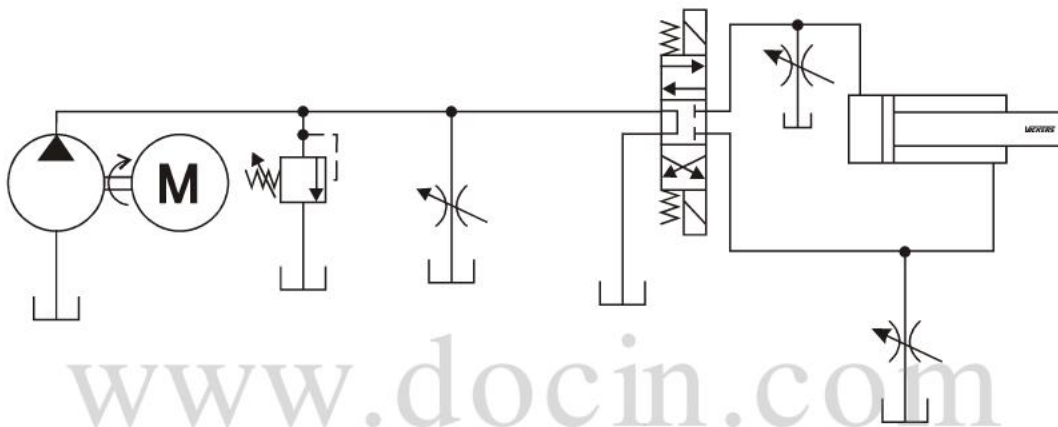


Figure 11-10 Locations for bleed-off applications

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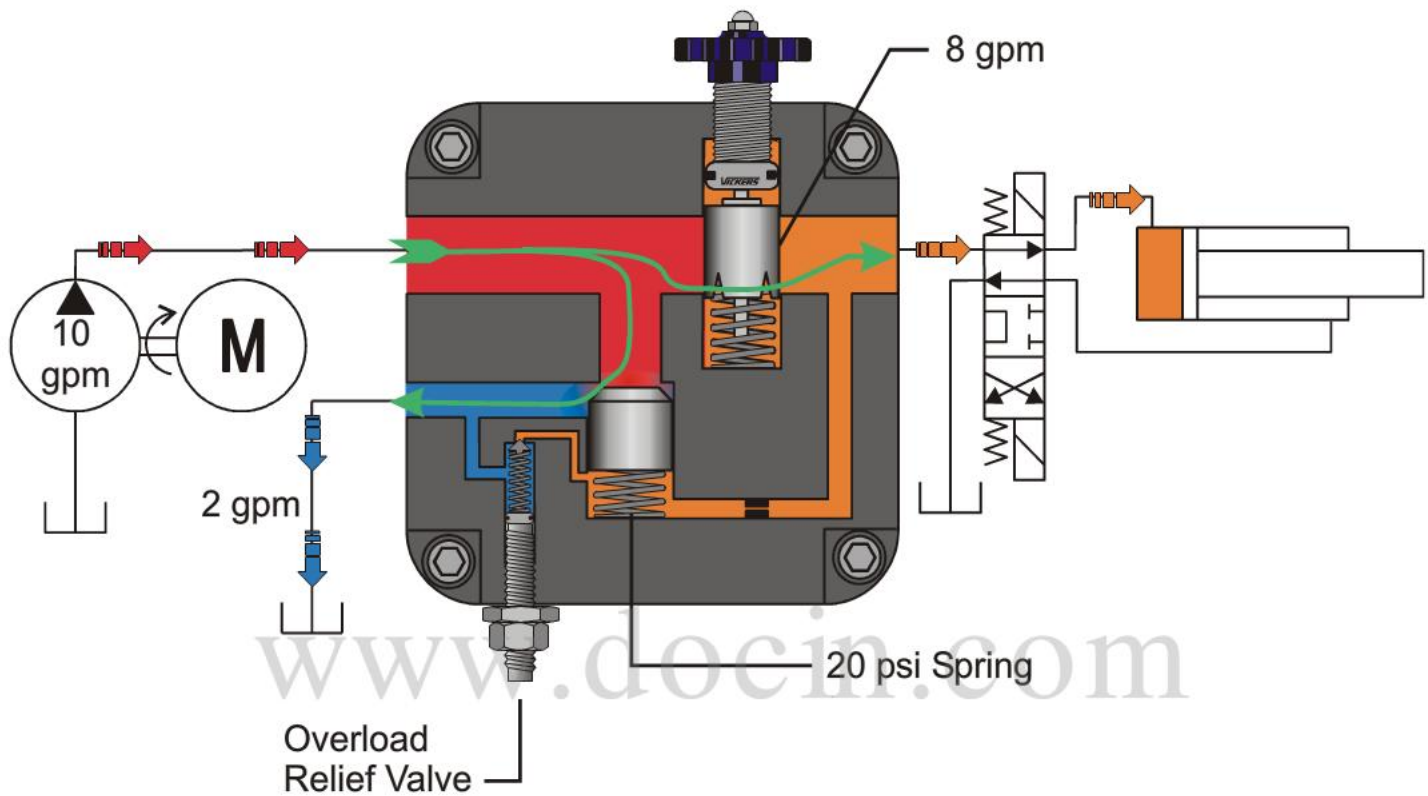


Figure 11.11 Bypass type pressure-compensated flow control



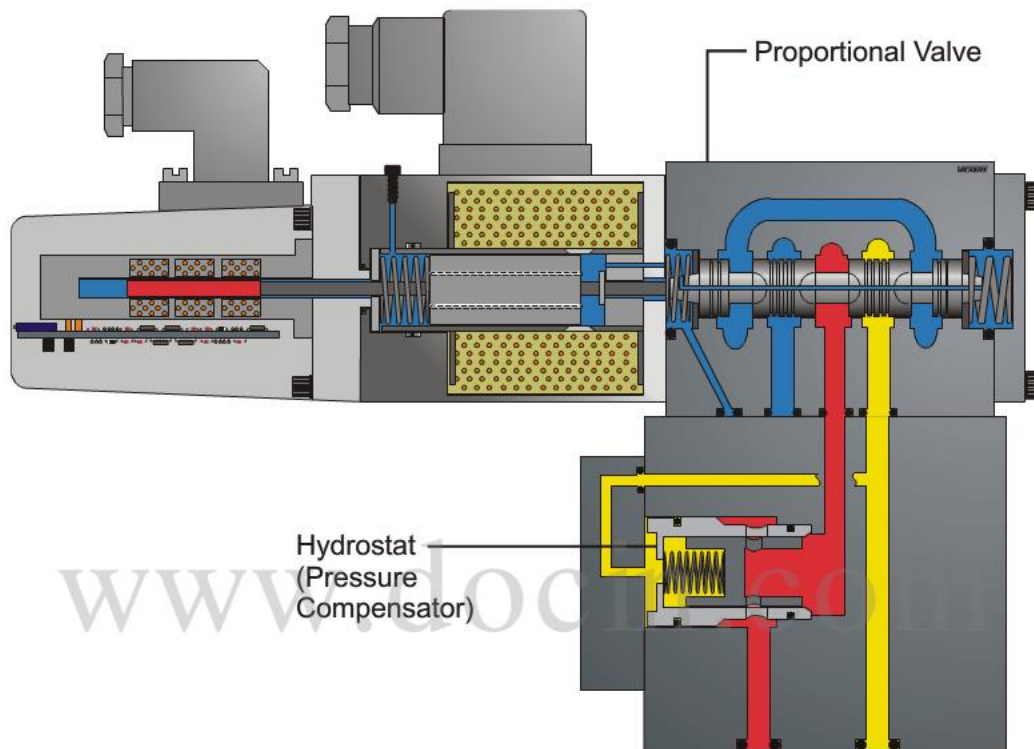


Figure 11-13 Proportional solenoid throttle

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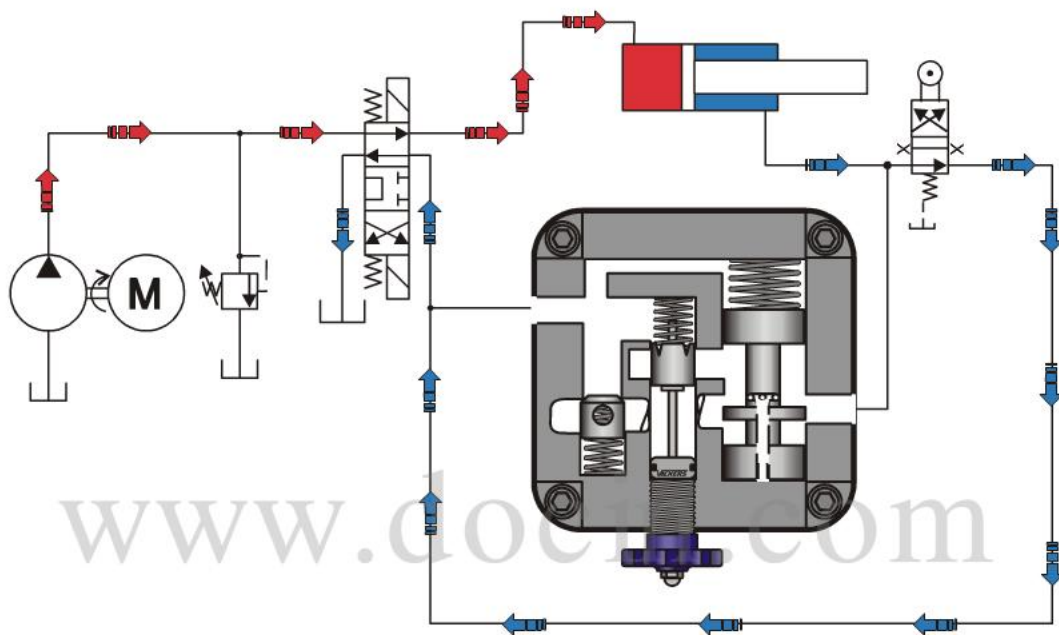


Figure 11-14 Rapid advance

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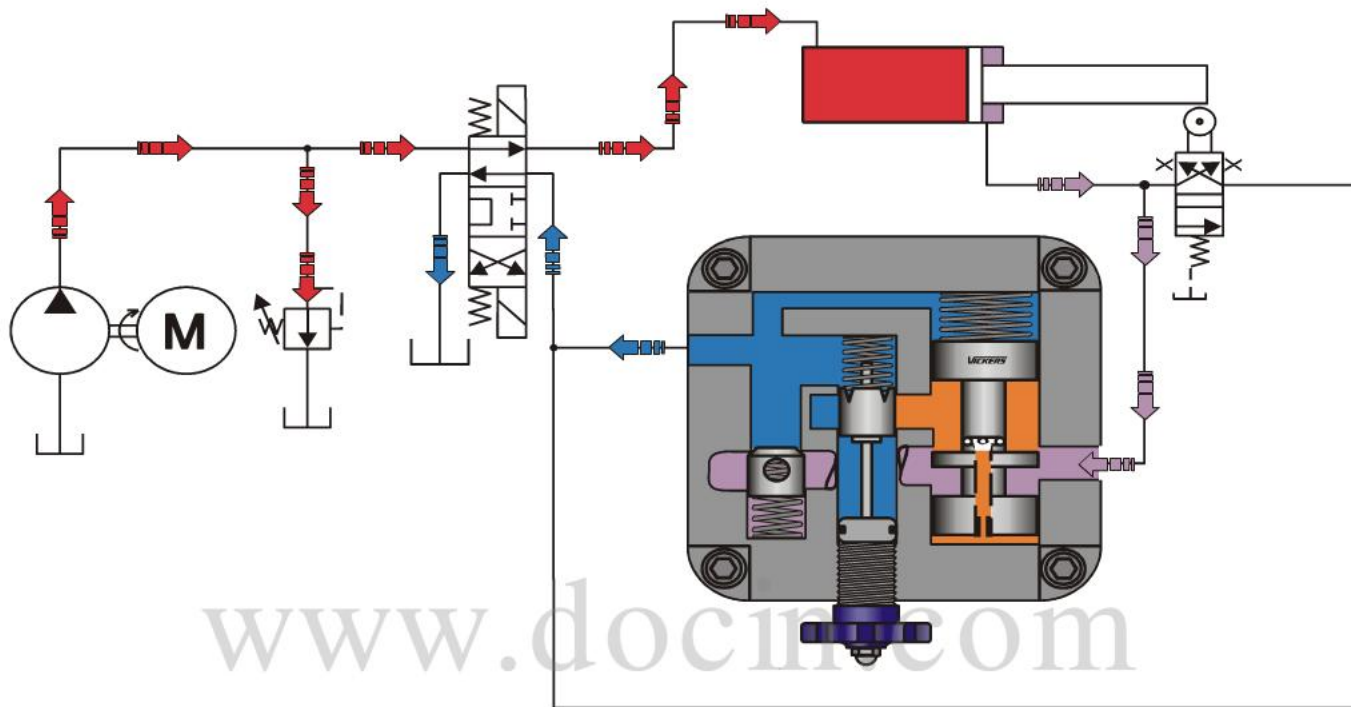


Figure 11-15 Deceleration to feed speed

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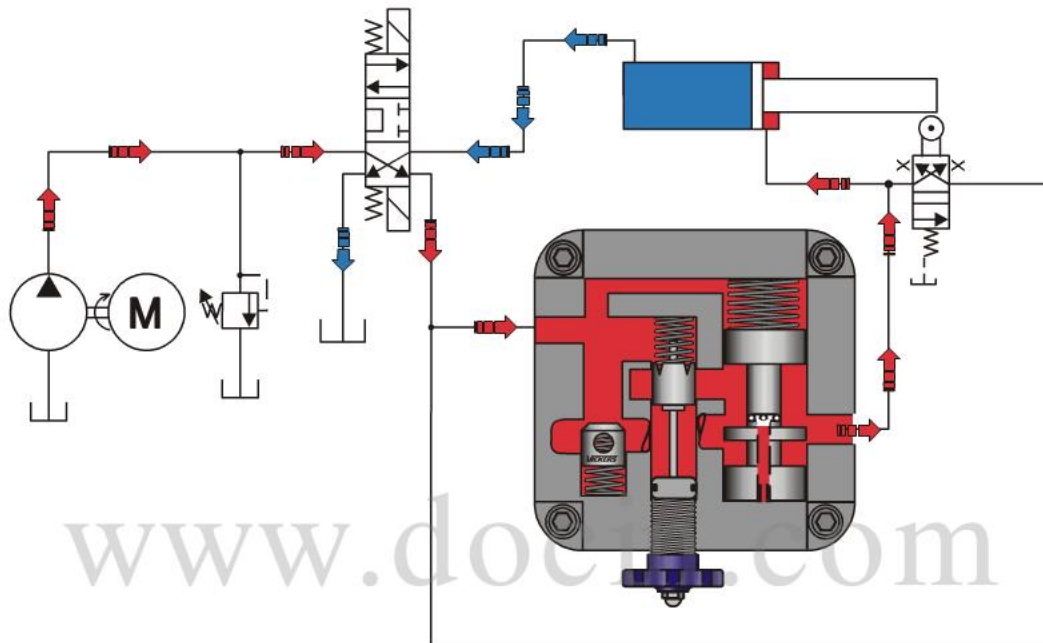


Figure 11-16 Rapid return

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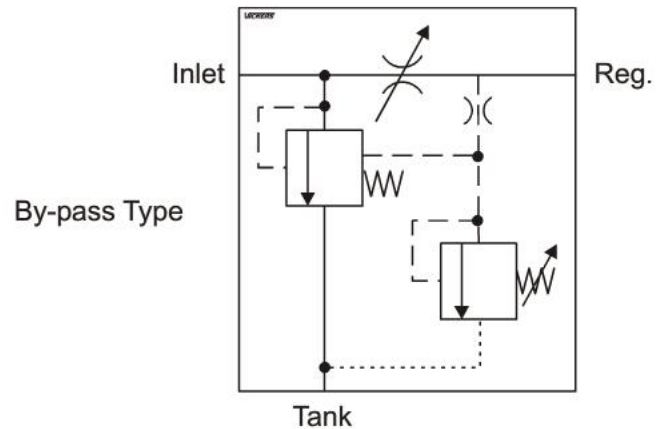
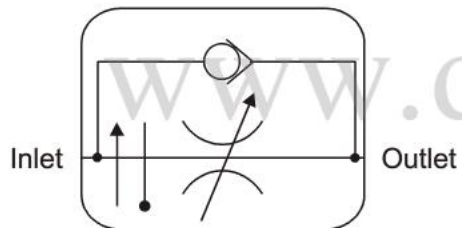
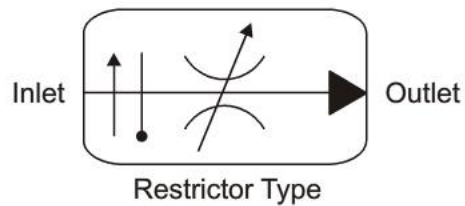


Figure 11-17 Common flow control symbols

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