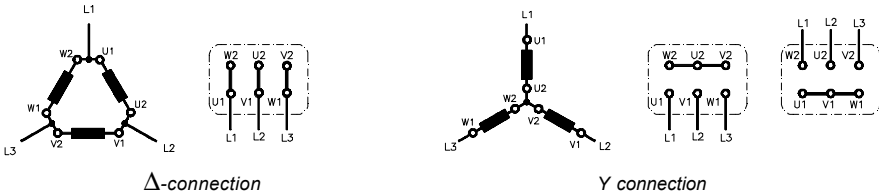


4. Electrical design

4.8 Connection diagrams

Connection of three phase, single speed motors



Connection of two-speed motors

Two-speed motors are normally connected as illustrated below; direction of rotation as given on page 35. Motors of normal design have six terminals and one earth terminal in the terminal box. Motors with two separate windings are normally Δ - Δ connected. They can also be Y/Y, Y/ Δ or Δ /Y connected. Motors with one winding, Dahlander-connection, are connected Δ /YY when designed for constant torque drives. For fan drive, the connection is Y/YY.

A connection diagram is supplied with every motor.

When starting a motor using Y Δ connection, one must always refer to the connection diagram supplied by the starter manufacturer.

