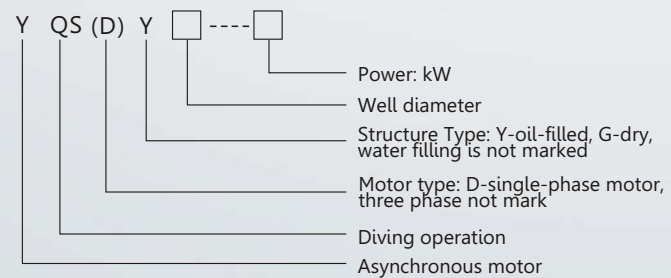


# YQS(D)Y SERIES ASYNCHRONOUS MOTOR



## MODEL INSTRUCTION

Express by Chinese pinyin capital letters and arabic numbers



## THE WIRING DIAGRAM OF MOTOR



## YQSDY100 SERIES SINGLE PHASE ASYNCHRONOUS MOTOR TECHNICAL DATA

| MODEL         | POWER |      | Voltage V | Ampere A | Capacitor $\mu$ F(450V) | Efficiency $\eta$ % | Power factor COS $\phi$ | Motor length M (mm) | Motor weight Kg | Dimension (mm) |
|---------------|-------|------|-----------|----------|-------------------------|---------------------|-------------------------|---------------------|-----------------|----------------|
|               | kW    | HP   |           |          |                         |                     |                         |                     |                 |                |
| YQSDY100-0.37 | 0.37  | 0.5  | 220       | 3.6      | 18                      | 55                  | 0.99                    | 357                 | 9               |                |
| YQSDY100-0.55 | 0.55  | 0.75 | 220       | 4.2      | 20                      | 58                  | 0.99                    | 372                 | 10              |                |
| YQSDY100-0.75 | 0.75  | 1    | 220       | 6.2      | 22                      | 61                  | 0.99                    | 392                 | 11              |                |
| YQSDY100-1.1  | 1.1   | 1.5  | 220       | 8.5      | 25                      | 64                  | 0.98                    | 422                 | 12              |                |
| YQSDY100-1.5  | 1.5   | 2    | 220       | 10.5     | 30                      | 67                  | 0.98                    | 452                 | 13              |                |
| YQSDY100-2.2  | 2.2   | 3    | 220       | 12.5     | 50                      | 68                  | 0.97                    | 492                 | 15              |                |
| YQSDY100-3    | 3     | 4    | 220       | 16.5     | 60                      | 69                  | 0.97                    | 567                 | 17              |                |

## YQSY100 SERIES THREE PHASE ASYNCHRONOUS MOTOR TECHNICAL DATA

| MODEL        | POWER |      | Voltage V | Ampere A | Efficiency $\eta$ % | Power factor COS $\phi$ | Motor length M (mm) | Motor weight Kg | Dimension (mm) |
|--------------|-------|------|-----------|----------|---------------------|-------------------------|---------------------|-----------------|----------------|
|              | kW    | HP   |           |          |                     |                         |                     |                 |                |
| YQSY100-0.37 | 0.37  | 0.5  | 380       | 2.4      | 58                  | 0.7                     | 347                 | 8               |                |
| YQSY100-0.55 | 0.55  | 0.75 | 380       | 2.8      | 59                  | 0.7                     | 357                 | 9               |                |
| YQSY100-0.75 | 0.75  | 1    | 380       | 3.3      | 62                  | 0.72                    | 372                 | 10              |                |
| YQSY100-1.1  | 1.1   | 1.5  | 380       | 4        | 66                  | 0.74                    | 392                 | 11              |                |
| YQSY100-1.5  | 1.5   | 2    | 380       | 4.8      | 68                  | 0.76                    | 422                 | 12              |                |
| YQSY100-2.2  | 2.2   | 3    | 380       | 6        | 70                  | 0.77                    | 452                 | 13              |                |
| YQSY100-3    | 3     | 4    | 380       | 7        | 71                  | 0.77                    | 492                 | 15              |                |
| YQSY100-4    | 4     | 5.5  | 380       | 9.2      | 72                  | 0.78                    | 567                 | 17              |                |
| YQSY100-5.5  | 5.5   | 7.5  | 380       | 12       | 74                  | 0.79                    | 652                 | 20              |                |
| YQSY100-7.5  | 7.5   | 10   | 380       | 16       | 76                  | 0.8                     | 742                 | 23              |                |

## YQSY150 SERIES THREE PHASE ASYNCHRONOUS MOTOR TECHNICAL DATA

| MODEL        | POWER |      | Voltage V | Ampere A | Efficiency $\eta$ % | Power factor COS $\phi$ | Motor length M (mm) | Motor weight Kg | Dimension (mm) |
|--------------|-------|------|-----------|----------|---------------------|-------------------------|---------------------|-----------------|----------------|
|              | kW    | HP   |           |          |                     |                         |                     |                 |                |
| YQSY150-5.5  | 5.5   | 7.5  | 380       | 13       | 76                  | 0.79                    | 680                 | 35              |                |
| YQSY150-7.5  | 7.5   | 10   | 380       | 17       | 76                  | 0.8                     | 720                 | 40              |                |
| YQSY150-9.2  | 9.2   | 12.5 | 380       | 20       | 77                  | 0.8                     | 770                 | 45              |                |
| YQSY150-11   | 11    | 15   | 380       | 25       | 77                  | 0.81                    | 770                 | 50              |                |
| YQSY150-13   | 13    | 17.5 | 380       | 29       | 78                  | 0.81                    | 820                 | 55              |                |
| YQSY150-15   | 15    | 20   | 380       | 34       | 78                  | 0.81                    | 870                 | 60              |                |
| YQSY150-18.5 | 18.5  | 25   | 380       | 42       | 79                  | 0.81                    | 920                 | 65              |                |
| YQSY150-22   | 22    | 30   | 380       | 50       | 79                  | 0.82                    | 980                 | 70              |                |
| YQSY150-25   | 25    | 34   | 380       | 58       | 80                  | 0.82                    | 1030                | 75              |                |