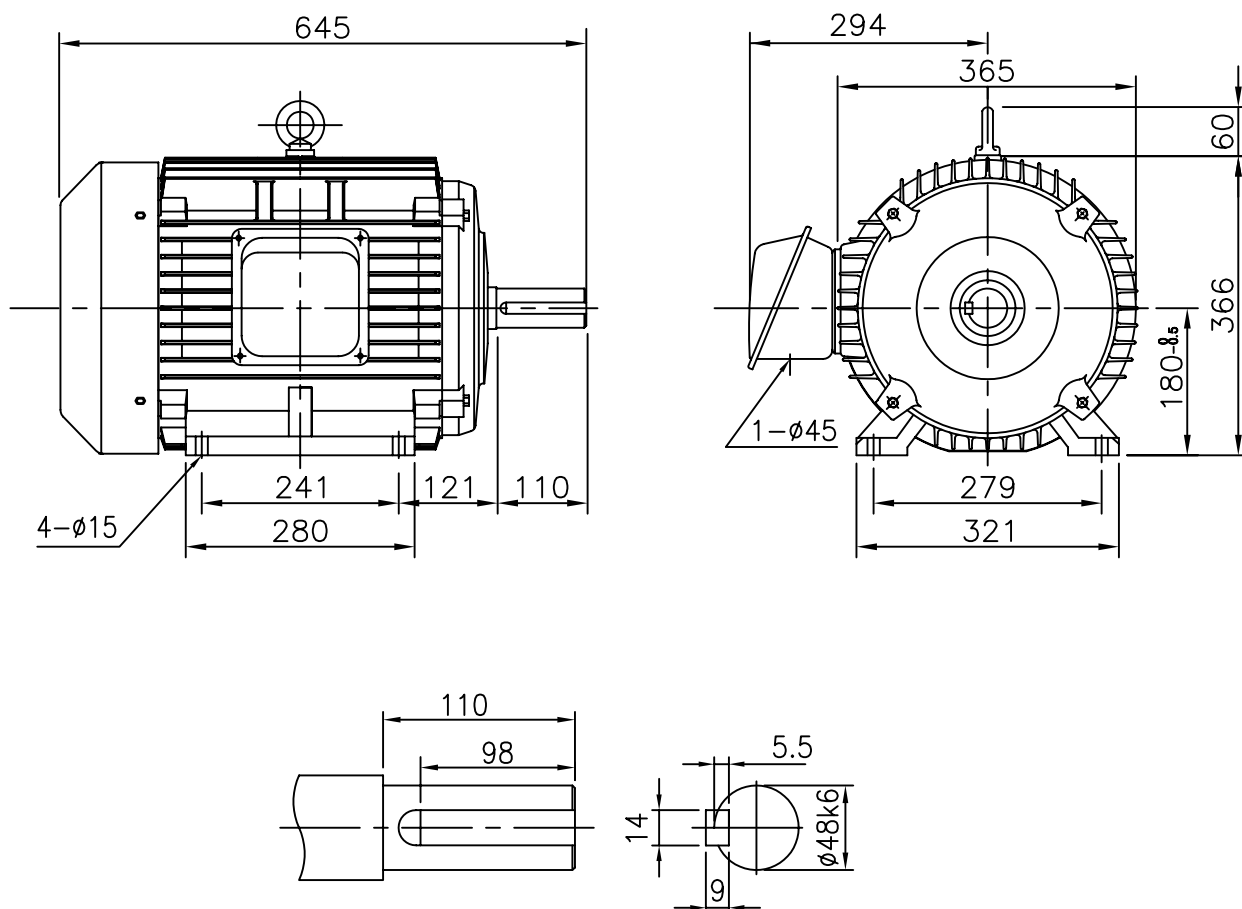


### OUTLINE DIMENSION



### SHAFT EXTENSION

#### <NOTE>

1. TYPE : TEFC(Totally Enclosed Fan Cooled)  
FOOT MOUNTED TYPE

2. THE TOLERANCE FOR THE KEY DIMENSIONS  
IS IN ACCORDANCE WITH KS B 1311-84

3. THE TERMINAL BOX MAY BE ROTATED  
STEPS OF 90°

4. CAST IRON FRAME AND CAST IRON END BRACKETS.

5. STAINLESS STEEL NAME PLATE WITH  
CONNECTION DIAGRAM.

6. STEEL FAN COVER AND TERMINAL BOX.

7. HIGH EFFICIENCY MOTOR.

| FRAME NO. | OUTPUT (kW) | POLE (P) | Hz | VOLTS (V) | INS. CLASS | PROTECTION | SERVICE FACTOR | RATING | BEARING NO. |        | APPROX WEIGHT (Kg) |
|-----------|-------------|----------|----|-----------|------------|------------|----------------|--------|-------------|--------|--------------------|
|           |             |          |    |           |            |            |                |        | DRIVE       | OPP.D. |                    |
| 180M      | 22          | 2        | 60 | 380       | F          | IP55       | 1.15           | CONT.  | 6311ZZC3    | 6309ZZ | 200                |

| UNIT                  | mm | SCALE                | $\frac{N}{S}$ | PROJECT'N            | 3rd Angle | TITLE    | OUTLINE      |
|-----------------------|----|----------------------|---------------|----------------------|-----------|----------|--------------|
| DESIGNED              |    | CHECKED              |               | APPROVED             |           |          |              |
| 2015.07.16<br>H.S.LEE |    | 2015.07.16<br>K.I.HA |               | 2015.07.16<br>K.I.HA |           | SUBJECT  | 180M, B3     |
| HIGEN Motor co., Ltd. |    |                      |               |                      |           | DWG. NO. | DW-KMH-30HU3 |