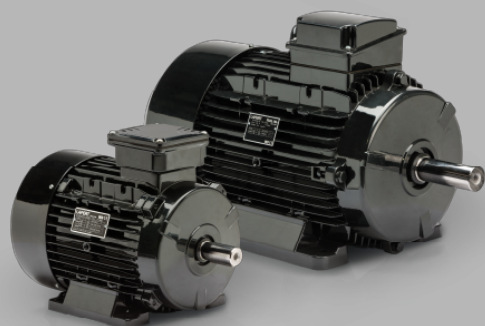




## AC Three-phase Motors - IE4/IE3/IE2/IE1

### PREMIUM EFFICIENCY MOTORS - IE3/CURUS

- IE3 Premium Efficiency compliant since 2010
- Total reliability and longevity in a well-engineered package
- Enhanced designs to meet today's challenges and market needs



## TECHNICAL DATA

Motor Type

AMPE 180L ZG6 - 15 kW - 6 poles - 400V - 50Hz

## PERFORMANCE DATA

| Type        | AMPE 180L ZG |
|-------------|--------------|
| Poles       | 6            |
| kW          | 15           |
| HP          | 20           |
| rpm         | 978          |
| Mn Nm       | 146.5        |
| $\eta$ 50%  | 89.4         |
| $\eta$ 75%  | 91.2         |
| $\eta$ 100% | 91.2         |
| cos Phi     | 0.81         |
| $I_N$       | 28.2         |
| $I_A/I_N$   | 7.3          |
| $M_A/M_N$   | 2.0          |
| $M_S/M_N$   | 2.0          |

|                                          |     |
|------------------------------------------|-----|
| <b><math>M_K/M_N</math></b>              | 2.1 |
| <b>J 10<sup>-3</sup> kgm<sup>2</sup></b> | 207 |
| <b>kg</b>                                | 197 |

## Electrical Data

|                              |                |
|------------------------------|----------------|
| <b>Voltage</b>               | 400V - 50Hz    |
| <b>Connection</b>            | ?/Y 400/690V   |
| <b>Duty type</b>             | S1             |
| <b>Thermal protection</b>    | na             |
| <b>Insulation class</b>      | F              |
| <b>Direction of rotation</b> | bidirectional  |
| <b>Ambient temperature</b>   | -20°C / +40 °C |
| <b>Altitude</b>              | 1000 m.a.s.l.  |