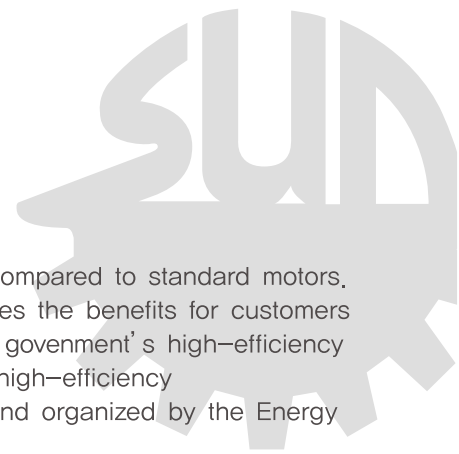


PREMIUM EFFICIENT HIGH-EFFICIENCY MOTORSHIGH Inverter Rated



The high-efficiency motor reduces loss by 20~30% and improves efficiency 4~10% compared to standard motors. While the high-efficiency motor has the same appearance as a standard motor, it maximizes the benefits for customers with outstanding energy-saving effects and economic efficiency. In accordance with the government's high-efficiency energy policy, Chunin acquired KS and CSA certifications for the development of the high-efficiency motor in 1997, as part of a project carried out by the Ministry of Trade and Industry and organized by the Energy Resource Technology Development Support Center.



CHARACTERISTICS

1. High-energy saving effect achieved by maximizing efficiency
The motor's optimal design and the use of high-quality materials for the iron core and winding wire enable energy saving of up to 4~10%.
2. Economic gains
The reduced operational cost and longer working time of the product enable investors to save money.
3. Extension of motor's lifespan
Service life can be extended as the high-efficiency motor gives off less heat.
4. High compatibility
The electric motor maintains compatibility as it has the same dimensions as standard motors. It also works well with IEC and NEMA frames.

Specification

- Capacity : 1/3 ~ 200HP
- Voltage : 200 ~ 600V
- Pole : 2P, 4P, 6P, 8P
- Frequency : 50Hz, 60Hz

Applications

- Places of high operation rate and continuous operation (pumps, fans, blowers)
- Places requiring quiet operation (low vibration, low noise)
- Places requiring long terms of usage (oil chemistry and metal industry, fiber)
- Places of peak load
- Expensive machinery and equipment



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PREMIUM EFFICIENT Stainless Steel Motor Inverter Rated

TEFC –Totally Enclosed Fan Cooled(FAN 冷却)
Three Phase Motors(三相誘導電動機) – IP65
C–Face Foot Mounted 60Hz



| HP | POLE–RPM | Frame | Eff.(%) | Model Number |
|-----|-----------|-------|---------|--------------|
| 1 | 2P – 3600 | 143JM | 77.0 | XH0012PJA |
| | 4P – 1800 | 143JM | 85.5 | XH0014PJA |
| 1.5 | 2P – 3600 | 143JM | 84.0 | XHY152PJA |
| | 4P – 1800 | 145JM | 86.5 | XHY154PJA |
| 2 | 2P – 3600 | 145JM | 85.5 | XH0022PJA |
| | 4P – 1800 | 145JM | 86.5 | XH0024PJA |
| 3 | 2P – 3600 | 182JM | 86.5 | XH0032PJA |
| | 4P – 1800 | 182JM | 89.5 | XH0034PJA |
| 5 | 2P – 3600 | 184JM | 88.5 | XH0052PJA |
| | 4P – 1800 | 184JM | 89.5 | XH0054PJA |
| 7.5 | 2P – 3600 | 213JM | 89.5 | XHY752PJA |
| | 4P – 1800 | 213JM | 91.7 | XHY754PJA |
| 10 | 2P – 3600 | 215JM | 90.2 | XH0102PJA |
| | 4P – 1800 | 215JM | 91.7 | XH0104PJA |

| HP | POLE–RPM | Frame | Eff.(%) | Model Number |
|-----|-----------|-------|---------|--------------|
| 1/2 | 4P – 1800 | 56C | 75.5 | SBY054PHA |
| | 6P – 1200 | 56C | 74.0 | SBY056PHA |
| | 8P – 900 | 56C | 74.0 | SBY058PHA |
| 3/4 | 6P – 1200 | 56C | 74.0 | SBY076PHA |
| 1 | 2P – 3600 | 56C | 72.0 | SB0012PHA |
| | 4P – 1800 | 56C | 80.2 | SB0014PHA |
| | 6P – 1200 | 56C | 78.5 | SB0016PHA |
| 1.5 | 2P – 3600 | 56C | 81.5 | SBY152PHA |
| | 4P – 1800 | 56C | 82.5 | SBY154PHA |
| 2 | 2P – 3600 | 56C | 82.5 | SB0022PHA |
| | 4P – 1800 | 56C | 83.0 | SB0024PHA |

| HP | POLE–RPM | Frame | Eff.(%) | Model Number |
|-----|-----------|-------|---------|--------------|
| 1 | 2P – 3600 | 143TC | 77.0 | XH0012PHA |
| | 4P – 1800 | 143TC | 85.5 | XH0014PHA |
| | 6P – 1200 | 145TC | 82.5 | XH0016PHA |
| 1.5 | 2P – 3600 | 143TC | 84.0 | XHY152PHA |
| | 4P – 1800 | 145TC | 86.5 | XHY154PHA |
| 2 | 2P – 3600 | 145TC | 85.5 | XH0022PHA |
| | 4P – 1800 | 145TC | 86.5 | XH0024PHA |

| HP | POLE–RPM | Frame | Eff.(%) | Model Number |
|-----|-----------|-------|---------|--------------|
| 1.5 | 6P – 1200 | 182TC | 87.5 | XHY156PHA |
| 3 | 2P – 3600 | 182TC | 86.5 | XH0032PHA |
| | 4P – 1800 | 182TC | 89.5 | XH0034PHA |
| 5 | 2P – 3600 | 184TC | 88.5 | XH0052PHA |
| | 4P – 1800 | 184TC | 89.5 | XH0054PHA |

| HP | POLE–RPM | Frame | Eff.(%) | Model Number |
|-----|-----------|-------|---------|--------------|
| 7.5 | 2P – 3600 | 213TC | 89.5 | XHY752PHA |
| | 4P – 1800 | 213TC | 91.0 | XHY754PHA |
| 10 | 2P – 3600 | 215TC | 90.2 | XH0102PHA |
| | 4P – 1800 | 215TC | 91.7 | XH0104PHA |
| 5 | 6P – 1200 | 215TC | 89.5 | XH0056PFA |