

Single Phase Induction Motor Characteristic Curve

Hitachi Industrial Technology(Thailand),Ltd

| | |
|----------------|---------|
| Power (HP) | 1/4 |
| Pole | 4 |
| Type-Form | EFOU-KT |
| Voltage (V) | 220 |
| Frequency (Hz) | 50 |

| | | | | | | |
|------------------|------|------|------|------|------|------|
| Load (%) | 0 | 25 | 50 | 75 | 100 | 125 |
| Current (A) | 2.55 | 2.52 | 2.51 | 2.56 | 2.68 | 2.83 |
| Efficiency (%) | 0 | 26.2 | 41.1 | 49.8 | 54.5 | 56.5 |
| Power factor (%) | 23.4 | 32.3 | 41.1 | 49.9 | 58.2 | 65.7 |
| Slip (%) | 0 | 1.3 | 2.4 | 3.4 | 4.7 | 6.2 |

