**RF4-20 Individual Ratings**

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| --- | --- | --- |
| 3-Phase (Star Connection) | | |
| Frequency | 50Hz | 60Hz |
| Apparent Power | 20kVA | 24kVA |
| Rated Power | 16kW | 19.2kW |
| Voltage | 380/400/415 | 380/400/415 |
| Efficiency @ 50% Load | 92.9% | 92.9% |
| Efficiency @ 75% Load | 93.9% | 93.9% |
| Efficiency @ 100% Load | 93.8% | 93.8% |
| Current | 24.9A | 30A |
| Torque | 108.6N.m | 130.3N.m |
| Motor Start Capability | 30kVA | 36kVA |
| Short Circuit Current | 120A | 120A |
| Total Harmonic Distortion (THD) | 2.0 | 2.0 |
| Voltage Transient | +0.0%/-6.0% | +0.0%/-6.0% |
| Transient Response Time | <0.01ms | <0.01ms |
| Frame Size | 160mm | 160mm |
| Engine housing | SAE4/SAE5 | SAE4/SAE5 |
| engine flywheel | SAE6½ SAE7½ SAE8 SAE10 SAE11½ | SAE6½ SAE7½ SAE8 SAE10 SAE11½ |
| Insulation Class | H | H |
| IP Rating | IP23 | IP23 |

|  |  |  |
| --- | --- | --- |
| Single-Phase (delta Connection) | | |
| Frequency | 50Hz | 60Hz |
| Apparent Power | 12.5kVA | 15kVA |
| Rated Power | 10kW | 12kW |
| Voltage | 220/240 | 220/240 |
| Efficiency @ 50% Load | 91.2% | 91.2% |
| Efficiency @ 75% Load | 91.2% | 91.2% |
| Efficiency @ 100% Load | 89.5% | 89.5% |
| Current | 49.8A | 59.8A |
| Torque | 71.2N.m | 85.4N.m |
| Motor Start Capability | 20kVA | 24kVA |
| Short Circuit Current | 120A | 120A |
| Total Harmonic Distortion (THD) | 5.9 | 5.9 |
| Voltage Transient | +0.0%/-6.0% | +0.0%/-6.0% |
| Transient Response Time | <0.01ms | <0.01ms |
| Frame Size | 160mm | 160mm |
| Engine housing | SAE4/SAE5 | SAE4/SAE5 |
| engine flywheel | SAE6½ SAE7½ SAE8 SAE10 SAE11½ | SAE6½ SAE7½ SAE8 SAE10 SAE11½ |
| Insulation Class | H | H |
| IP Rating | IP23 | IP23 |