**RF4-40 Individual Ratings**

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| --- | --- | --- |
| 3-Phase (Star Connection) | | |
| Frequency | 50Hz | 60Hz |
| Apparent Power | 40kVA | 48kVA |
| Rated Power | 32kW | 38.4kW |
| Voltage | 380/400/415 | 380/400/415 |
| Efficiency @ 50% Load | 93.7% | 93.7% |
| Efficiency @ 75% Load | 94.7% | 94.7% |
| Efficiency @ 100% Load | 94.5% | 94.5% |
| Current | 49.3A | 59.2A |
| Torque | 215.3N.m | 258.4N.m |
| Motor Start Capability | 90kVA | 108kVA |
| Short Circuit Current | 373A | 373A |
| Total Harmonic Distortion (THD) | 2.7 | 2.7 |
| 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 | 25kVA | 30kVA |
| Rated Power | 20kW | 24kW |
| Voltage | 220/240 | 220/240 |
| Efficiency @ 50% Load | 91.0% | 91.0% |
| Efficiency @ 75% Load | 91.8% | 91.8% |
| Efficiency @ 100% Load | 91.0% | 91.0% |
| Current | 98.9A | 118.7A |
| Torque | 139.9N.m | 167.9N.m |
| Motor Start Capability | 60kVA | 72kVA |
| Short Circuit Current | 373A | 373A |
| Total Harmonic Distortion (THD) | 6.6 | 6.6 |
| 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 |