**RF2-7.5 Individual Ratings**

|  |
| --- |
| 3-Phase (Star Connection) |
| Frequency | 50Hz | 60Hz |
| Apparent Power | 7.5kVA | 9kVA |
| Rated Power | 6kW | 7.2kW |
| Voltage | 380/400/415 | 380/400/415 |
| Efficiency @ 50% Load | 90.2% | 90.2% |
| Efficiency @ 75% Load | 91.5% | 91.5% |
| Efficiency @ 100% Load | 91.3% | 91.3% |
| Current | 8.5A | 10.2A |
| Torque | 22.32N.m | 26.78N.m |
| Motor Start Capability | 7.5kVA | 9kVA |
| Short Circuit Current | 25A | 25A |
| Total Harmonic Distortion (THD) | 1.5 | 1.5 |
| Voltage Transient | +0.0%/-6.0% | +0.0%/-6.0% |
| Transient Response Time | <0.01ms | <0.01ms |
| Frame Size | 132mm | 132mm |
| Shaft Coupling | V-Taper 2¼ inch per foot | V-Taper 2¼ inch per foot |
| Insulation Class | H | H |
| IP Rating | IP23 | IP23 |
|  |  |  |

|  |
| --- |
| Single-Phase (delta Connection) |
| Frequency | 50Hz | 60Hz |
| Apparent Power | 3.1kVA | 4.8kVA |
| Rated Power | 2.5kW | 3.8kW |
| Voltage | 220/240 | 220/240 |
| Efficiency @ 50% Load | 77.2% | 86.6% |
| Efficiency @ 75% Load | 82.4% | 88.9% |
| Efficiency @ 100% Load | 84.6% | 87.3% |
| Current | 8.7A | 10.44A |
| Torque | 7.26N.m | 11.64N.m |
| Motor Start Capability | 6kVA | 7.2kVA |
| Short Circuit Current | 25A | 25A |
| Total Harmonic Distortion (THD) | 1.8 | 1.8 |
| Voltage Transient | +0.0%/-6.0% | +0.0%/-6.0% |
| Transient Response Time | <0.01ms | <0.01ms |
| Frame Size | 132mm | 132mm |
| Shaft Coupling | V-Taper 2¼ inch per foot | V-Taper 2¼ inch per foot |
| Insulation Class | H | H |
| IP Rating | IP23 | IP23 |
|  |  |  |

|  |
| --- |
| two-Phase (Bigen Connection) |
| Frequency | 50Hz | 60Hz |
| Apparent Power | 7.5kVA | 9kVA |
| Rated Power | 6kW | 7.2kW |
| Voltage | 220/240 | 220/240 |
| Efficiency @ 50% Load | 88.9% | 92.7% |
| Efficiency @ 75% Load | 81.0% | 93.7% |
| Efficiency @ 100% Load | 91.0% | 93.5% |
| Current | 12.5A | 15A |
| Torque | 22.33N.m | 26.8N.m |
| Motor Start Capability | 5kVA | 7kVA |
| Short Circuit Current | 37.5A | 37.5A |
| Total Harmonic Distortion (THD) | 1.5 | 1.5 |
| Voltage Transient | +0.0%/-6.0% | +0.0%/-6.0% |
| Transient Response Time | <0.01ms | <0.01ms |
| Frame Size | 132mm | 132mm |
| Shaft Coupling | V-Taper 2¼ inch per foot | V-Taper 2¼ inch per foot |
| Insulation Class | H | H |
| IP Rating | IP23 | IP23 |
|  |  |  |