**RF2-17.5 Individual Ratings**

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| --- | --- | --- |
| 3-Phase (Star Connection) | | |
| Frequency | 50Hz | 60Hz |
| Apparent Power | 17.5kVA | 20.2kVA |
| Rated Power | 14kW | 16.8kW |
| Voltage | 400/420 | 400/420 |
| Efficiency @ 50% Load | 95.5% | 95.5% |
| Efficiency @ 75% Load | 94.3% | 94.3% |
| Efficiency @ 100% Load | 95.2% | 95.2% |
| Current | 20A | 24A |
| Torque | 46.59N.m | 55.91N.m |
| Motor Start Capability | 19kVA | 22.8kVA |
| Short Circuit Current | 60A | 60A |
| 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 |
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| --- | --- | --- |
| Single-Phase (Delta Connection) | | |
| Frequency | 50Hz | 60Hz |
| Apparent Power | 10kVA | 12kVA |
| Rated Power | 8kW | 9.6kW |
| Voltage | 220/240 | 220/240 |
| Efficiency @ 50% Load | 91.1% | 85.7% |
| Efficiency @ 75% Load | 92.2% | 88.2% |
| Efficiency @ 100% Load | 91.9% | 88.5% |
| Current | 34.5A | 41.4A |
| Torque | 27.36N.m | 32.82N.m |
| Motor Start Capability | 18kVA | 21.6kVA |
| Short Circuit Current | 60A | 60A |
| Total Harmonic Distortion (THD) | 1.6 | 1.6 |
| 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 |
|  |  |  |

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| --- | --- | --- |
| TWO-Phase (Bigen Connection) | | |
| Frequency | 50Hz | 60Hz |
| Apparent Power | 17.5kVA | 20.2kVA |
| Rated Power | 14kW | 16.8kW |
| Voltage | 220/240 | 220/240 |
| Efficiency @ 50% Load | 93.3% | 93.3% |
| Efficiency @ 75% Load | 94.1% | 94.1% |
| Efficiency @ 100% Load | 93.8% | 93.8% |
| Current | 30A | 36A |
| Torque | 45.23N.m | 54.28N.m |
| Motor Start Capability | 12kVA | 15kVA |
| Short Circuit Current | 90A | 90A |
| 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 |
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