AKM® 2G
Performance Curves

Edition: A, June 2019
Part Number: 903-900001-00

For safe and proper use, follow these instructions.
Keep them for future reference.
Record of Document Revisions

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<th>Revision</th>
<th>Date</th>
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<tr>
<td>A</td>
<td>05/2019</td>
<td>Initial release, first edition</td>
</tr>
<tr>
<td>B</td>
<td>06/2019</td>
<td>Update curve image key</td>
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1 Document Overview

The purpose of this document is to define the AKM2G servo motor torque characteristic versus speed, which is dependent on input voltage, plus specific motor options such as: winding, feedback device, brake, and shaft seal.

These speed/torque performance curves will assist in motor sizing and selection for a given application.

1.1 Motor Sizing Considerations

Evaluation of motor torque requirements can be divided into two major categories:

- Forces required to accommodate the desired task, and
- Forces to overcome frictional or efficiency losses

The calculated torques are summed when acting concurrently and then applied together based on the overall machine duty cycle. A root-mean-square (RMS) torque calculation is used to determine the effective torque required by the motor to be compared with the continuous torque rating of a motor.

The process of choosing a motor most often requires iterative calculations since the motor inertia is a factor in determining the acceleration torque and RMS requirement. In addition to the RMS requirement, the motor/drive combination chosen must be able to provide peak torque for the required duration.

For further in-depth instruction on motor selection, please visit the Kollmorgen Application Sizing Guide:


1.2 Performance Curve Overview

The performance characteristics of a brushless servo system (motor/drives combination) are described by a torque/speed operating envelope. As stated in (⇒ # 3), the performance curve is separated into two main areas: the continuous duty and intermittent duty zones of the system.

1.2.1 Continuous Duty Zone

The continuous duty zone is bordered by the maximum continuous torque line up to the intersection with the intermittent duty line. The continuous torque line is set by either the motor’s maximum rated temperature, or the drives’ rated continuous current output, whichever is less. The system voltage limit line is set by the voltage rating of the drives, the line voltage supplied, and the motor winding. The system can operate on a continuous basis anywhere within this area, assuming the ambient temperature is 40°C or less. See notes below for additional variables that may affect the continuous torque specification.

1.2.2 Intermittent (Peak) Duty Zone

The intermittent duty zone is bordered by the peak torque line and the system voltage limit line. The peak torque line is set by either the drives’ peak current rating, which the drive can produce for a limited time, or the maximum rated peak current for the motor, whichever is less. Refer to the Rating Data on the pages that follow. Note: Higher torque levels may be achievable at higher power levels.
Note 1
Continuous torque is dependent, in part, by the selection of available Brake and Shaft seal options. To limit the number of curve iterations included in this document, only two continuous torque curves are shown:

1. the best-case maximum continuous torque \([T_c]\): Motor with No Brake, No Shaft seal (Red line)
2. the worst-case minimum continuous torque \([T_c]\): Motor with +Brake, and with +Shaft seal (Purple line)

For detailed speed/torque curves that can be configured for alternative combinations, please refer to Kollmorgen’s AKM/AKM2G Performance Curve Generator:
http://pcgh.kollmorgen.com/

Note 2
In rare instances, the continuous torque curve is speed-limited due to the combination of feedback device, brake, seal options and the thermal characteristics of the base motor. In these cases, the continuous torque values will appear to end abruptly on the speed/torque curve. Torque/speed points beyond the continuous curve shown should be considered as intermittent.
## 2 EnDat [LD]

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2.1 AKM2G-21D [EnDat Feedback]

Part Number: AKM2G-21DxxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.2 AKM2G-21E [EnDat Feedback]
Part Number: AKM2G-21E[xxx]LDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.3 AKM2G-21G [EnDat Feedback]

Part Number: AKM2G-21GxxxxLDxx

[a] Vbus: 120 VAC

---

### AKM2G-21G, EnDat, 120 Vac

- **Peak Torque** [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
2.4 AKM2G-22D [EnDat Feedback]

Part Number: AKM2G-22DxxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.5 AKM2G-22E [EnDat Feedback]

Part Number: AKM2G-22ExxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |
2.6 AKM2G-23D [EnDat Feedback]

Part Number: AKM2G-23DxxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.7 AKM2G-23E [EnDat Feedback]
Part Number: AKM2G-23ExxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |
2.8 AKM2G-23F [EnDat Feedback]

Part Number: AKM2G-23FxxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC
2.9 AKM2G-24D [EnDat Feedback]

Part Number: AKM2G-24DxxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
- [Red] Continuous duty S1 [Tc], no brake, no shaft seal
- [Blue] Continuous duty S1 [Tc], add brake, add shaft seal
2.10 AKM2G-24E [EnDat Feedback]
Part Number: AKM2G-24ExxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

- Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
2.11 AKM2G-24F [EnDat Feedback]

Part Number: AKM2G-24FxxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.12 AKM2G-31C [EnDat Feedback]

Part Number: AKM2G-31CxxxxLDxx

=[a] Vbus: 120 VAC

 Peak Torque [Tp]
 Continuous duty S1 [Tc], no brake, no shaft seal
 Continuous duty S1 [Tc], add brake, add shaft seal

=[b] Vbus: 240 VAC

=[c] Vbus: 400 VAC

=[d] Vbus: 480 VAC
2.13 AKM2G-31D [EnDat Feedback]

Part Number: AKM2G-31DxxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

---

Peak Torque [Tp]

- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
2.14 AKM2G-31E [EnDat Feedback]

Part Number: AKM2G-31ExxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [TP]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.15 AKM2G-32D [EnDat Feedback]

Part Number: AKM2G-32DxxxxLDxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.16 AKM2G-32E [EnDat Feedback]
Part Number: AKM2G-32ExxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.17 AKM2G-32G [EnDat Feedback]

Part Number: AKM2G-32GxxxxLDxx

(a) Vbus: 120 VAC

(b) Vbus: 240 VAC

(c) Vbus: 400 VAC

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2.18 AKM2G-33E [EnDat Feedback]

Part Number: AKM2G-33ExxxxLDxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.19 AKM2G-33G [EnDat Feedback]

Part Number: AKM2G-33GxxxxLDxx

- [a] Vbus: 120 VAC
- [b] Vbus: 240 VAC
- [c] Vbus: 400 VAC
- [d] Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
2.20 AKM2G-33H [EnDat Feedback]

Part Number: AKM2G-33HxxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

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2.21 AKM2G-41D [EnDat Feedback]

Part Number: AKM2G-41DxxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.22 AKM2G-41E [EnDat Feedback]

Part Number: AKM2G-41ExxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]

- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
2.23 AKM2G-41G [EnDat Feedback]

Part Number: AKM2G-41GxxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[a] Vbus: 400 VAC

[b] Vbus: 480 VAC

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Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.24 AKM2G-42D [EnDat Feedback]
Part Number: AKM2G-42DxxxxLDxx

- [b] Vbus: 240 VAC

- [c] Vbus: 400 VAC

- [d] Vbus: 480 VAC

Peak Torque [Tp]  
Continuous duty S1 [Tc], no brake, no shaft seal  
Continuous duty S1 [Tc], add brake, add shaft seal
2.25  AKM2G-42E [EnDat Feedback]
Part Number: AKM2G-42ExxxxLDxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

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2.26 AKM2G-42H [EnDat Feedback]

Part Number: AKM2G-42HxxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.27 AKM2G-43D [EnDat Feedback]

Part Number: AKM2G-43DxxxxLDxx

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

AKM2G-43D, EnDat, 400 Vac

AKM2G-43D, EnDat, 480 Vac

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.28 AKM2G-43G [EnDat Feedback]

Part Number: AKM2G-43GxxxxLDxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

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Part Number: AKM2G-43IxxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |

AKM2G Performance Curves | 2  EnDat [LD]
2.30 AKM2G-44E [EnDat Feedback]

Part Number: AKM2G-44ExxxxLDxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.31 AKM2G-44H [EnDat Feedback]

Part Number: AKM2G-44HxxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.32 AKM2G-44J [EnDat Feedback]

Part Number: AKM2G-44JxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [T_p]

- Continuous duty S1 [T_c], no brake, no shaft seal
- Continuous duty S1 [T_c], add brake, add shaft seal
2.33  AKM2G-51H [EnDat Feedback]

Part Number: AKM2G-51HxxxxLDxx

- [a] Vbus: 120 VAC
- [b] Vbus: 240 VAC
- [c] Vbus: 400 VAC
- [d] Vbus: 480 VAC

Peak Torque [Tp]

- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal

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2.34 AKM2G-51I [EnDat Feedback]

Part Number: AKM2G-51IxxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.35 AKM2G-51K [EnDat Feedback]

Part Number: AKM2G-51KxxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.36 AKM2G-52H [EnDat Feedback]
Part Number: AKM2G-52HxxxxLDxx

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Peak Torque [Tp]</th>
<th>( T_c ), no brake, no shaft seal</th>
<th>( T_c ), add brake, add shaft seal</th>
</tr>
</thead>
<tbody>
<tr>
<td>240 VAC</td>
<td>29.0</td>
<td>146, 29.0</td>
<td>2035, 29.0</td>
</tr>
<tr>
<td>400 VAC</td>
<td>30.0</td>
<td>1717, 28.0</td>
<td></td>
</tr>
<tr>
<td>480 VAC</td>
<td>30.0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
2.37 AKM2G-51K [EnDat Feedback]

Part Number: AKM2G-52KxxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.38 AKM2G-52L [EnDat Feedback]

Part Number: AKM2G-52LxxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

---

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
2.39 AKM2G-53H [EnDat Feedback]

Part Number: AKM2G-53HxxxxLDxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque \([T_P]\)
Continuous duty S1 \([T_c]\), no brake, no shaft seal
Continuous duty S1 \([T_c]\), add brake, add shaft seal
2.40 AKM2G-53L [EnDat Feedback]

Part Number: AKM2G-53LxxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.41 AKM2G-53M [EnDat Feedback]

Part Number: AKM2G-53MxxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous duty S1 [Tc], no brake, no shaft seal</td>
</tr>
<tr>
<td>Continuous duty S1 [Tc], add brake, add shaft seal</td>
</tr>
</tbody>
</table>
2.42 AKM2G-54L [EnDat Feedback]
Part Number: AKM2G-54LxxxxLDxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.43 AKM2G-54M [EnDat Feedback]

Part Number: AKM2G-54MxxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.44 AKM2G-54N [EnDat Feedback]

Part Number: AKM2G-54NxxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
2.45 AKM2G-62K [EnDat Feedback]

Part Number: AKM2G-62KxxxxLDxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]

Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.46 AKM2G-62L [EnDat Feedback]

Part Number: AKM2G-62LxxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

---

Peak Torque [Tp]

- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
2.47 AKM2G-62M [EnDat Feedback]

Part Number: AKM2G-62MxxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

| Peak Torque [T_p] | Continuous duty S1 [T_c], no brake, no shaft seal | Continuous duty S1 [T_c], add brake, add shaft seal |
2.48 AKM2G-63K [EnDat Feedback]

Part Number: AKM2G-63KxxxxLDxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.49  AKM2G-63M [EnDat Feedback]

Part Number: AKM2G-63MxxxxLDxx

[a] $V_{bus}$: 120 VAC

[b] $V_{bus}$: 240 VAC

[c] $V_{bus}$: 400 VAC

[d] $V_{bus}$: 480 VAC

Peak Torque [$T_p$]
Continuous duty S1 [$T_c$], no brake, no shaft seal
Continuous duty S1 [$T_c$], add brake, add shaft seal
2.50 AKM2G-63N [EnDat Feedback]

Part Number: AKM2G-63NxxxxLDxx

[a] Vbus: 120 VAC

At the time of printing, this information was not available. Please refer to Kollmorgen’s Motioneering Application Sizing programs, the Kollmorgen website Performance Curve Generator or contact Kollmorgen customer support for assistance.

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

Legend:
- Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
2.51 AKM2G-64L [EnDat Feedback]

Part Number: AKM2G-64LxxxxLDxx

[b] Vbus: 240 VAC

AKM2G-64L, EnDat, 240 Vac

[c] Vbus: 400 VAC

AKM2G-64L, EnDat, 400 Vac

[d] Vbus: 480 VAC

AKM2G-64L, EnDat, 480 Vac

Peak Torque [Tp]

Continuous duty S1 [Tc], no brake, no shaft seal

Continuous duty S1 [Tc], add brake, add shaft seal
2.52 AKM2G-64M [EnDat Feedback]

Part Number: AKM2G-64MxxxxLDxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

- Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
2.53 AKM2G-64N [EnDat Feedback]

Part Number: AKM2G-64NxxxxLDxx

[a] Vbus: 120 VAC
At the time of printing, this information was not available. Please refer to Kollmorgen’s Motioneering Application Sizing programs, the Kollmorgen website Performance Curve Generator or contact Kollmorgen customer support for assistance.

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
<th>Continuous duty S1 [Tc], no brake, no shaft seal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Continuous duty S1 [Tc], add brake, add shaft seal</td>
</tr>
</tbody>
</table>
2.54 AKM2G-65L [EnDat Feedback]

Part Number: AKM2G-65LxxxxLDxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

| Peak Torque [Tp] | Continuous duty $S_1$ [Tc], no brake, no shaft seal | Continuous duty $S_1$ [Tc], add brake, add shaft seal |
2.55 AKM2G-65M [EnDat Feedback]
Part Number: AKM2G-65MxxxxLDxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.56 AKM2G-65N [EnDat Feedback]

Part Number: AKM2G-65NxxxxLDxx

- [b] Vbus: 240 VAC
- [c] Vbus: 400 VAC
- [d] Vbus: 480 VAC

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
<th>Continuous duty S1 [Tc], no brake, no shaft seal</th>
<th>Continuous duty S1 [Tc], add brake, add shaft seal</th>
</tr>
</thead>
</table>

AKM2G Performance Curves | 2 EnDat [LD]
2.57  AKM2G-71L [EnDat Feedback]

Part Number: AKM2G-71LxxxxLDxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
2.58  AKM2G-71N [EnDat Feedback]

Part Number: AKM2G-71NxxxxLDxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
<th>Continuous duty S1 [Tc], no brake, no shaft seal</th>
<th>Continuous duty S1 [Tc], add brake, add shaft seal</th>
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<td>450</td>
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<td>500</td>
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</tr>
</tbody>
</table>

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2.59 AKM2G-71P [EnDat Feedback]

Part Number: AKM2G-71PxxxxLDxx

[a] Vbus: 120 VAC

At the time of printing, this information was not available. Please refer to Kollmorgen's Motioneering Application Sizing programs, the Kollmorgen website Performance Curve Generator or contact Kollmorgen customer support for assistance.

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous duty S1 [Tc], no brake, no shaft seal</td>
</tr>
<tr>
<td>Continuous duty S1 [Tc], add brake, add shaft seal</td>
</tr>
</tbody>
</table>
2.60 AKM2G-72L [EnDat Feedback]
Part Number: AKM2G-72LxxxxLDxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.61 AKM2G-72N [EnDat Feedback]

Part Number: AKM2G-72NxxxxLDxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.62 AKM2G-72P [EnDat Feedback]

Part Number: AKM2G-72PxxxxLDxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous duty S1 [Tc], no brake, no shaft seal</td>
</tr>
<tr>
<td>Continuous duty S1 [Tc], add brake, add shaft seal</td>
</tr>
</tbody>
</table>
2.63 AKM2G-73L [EnDat Feedback]

Part Number: AKM2G-73LxxxxLDxx

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [$T_p$]

- Continuous duty S1 [$T_c$], no brake, no shaft seal
- Continuous duty S1 [$T_c$], add brake, add shaft seal
2.64 AKM2G-73N [EnDat Feedback]
Part Number: AKM2G-73NxxxxLDxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
2.65 AKM2G-73Q [EnDat Feedback]

Part Number: AKM2G-73QxxxxLDxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

---

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
2.66 AKM2G-74P [EnDat Feedback]

Part Number: AKM2G-74PxxxxLDxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
2.67 AKM2G-74Q [EnDat Feedback]

Part Number: AKM2G-74QxxxxLDxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [$T_p$]:
- Continuous duty S1 [$T_c$], no brake, no shaft seal
- Continuous duty S1 [$T_c$], add brake, add shaft seal

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2.68 AKM2G-74R [EnDat Feedback]
Part Number: AKM2G-74RxxxxLDxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
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### 3.1 AKM2G-21D [HIPERFACE Feedback]

Part Number: AKM2G-21DxxxxGUxx

- **[a] Vbus: 120 VAC**

- **[b] Vbus: 240 VAC**

- **[c] Vbus: 400 VAC**

- **[d] Vbus: 480 VAC**

---

**Legend:**

- Peak Torque \([T_p]\)
- Continuous duty \([S_1]\) [\(T_c\)], no brake, no shaft seal
- Continuous duty \([S_1]\) [\(T_c\)], add brake, add shaft seal
3.2 AKM2G-21E [HIPERFACE Feedback]

Part Number: AKM2G-21ExxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
<th>Continuous duty S1 [Tc], no brake, no shaft seal</th>
<th>Continuous duty S1 [Tc], add brake, add shaft seal</th>
</tr>
</thead>
</table>

AKM2G-21E, DSL, 120 Vac

AKM2G-21E, DSL, 240 Vac
3.3 AKM2G-21G [HIPERFACE Feedback]

Part Number: AKM2G-21GxxxxGUxx

[a] Vbus: 120 VAC

![Graph showing AKM2G-21G, DSL, 120 Vac performance curves.]

- **Peak Torque [Tp]**
- **Continuous duty S1 [Tc], no brake, no shaft seal**
- **Continuous duty S1 [Tc], add brake, add shaft seal**
3.4 AKM2G-22D [HIPERFACE Feedback]

Part Number: AKM2G-22DxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
3.5 AKM2G-22E [HIPERFACE Feedback]
Part Number: AKM2G-22ExxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

- Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
3.6 AKM2G-23D [HIPERFACE Feedback]

Part Number: AKM2G-23DxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |
3.7 AKM2G-23E [HIPERFACE Feedback]

Part Number: AKM2G-23ExxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
3.8 AKM2G-23F [HIPERFACE Feedback]

Part Number: AKM2G-23FxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

---

Peak Torque [T_p]

- Continuous duty S1 [T_c], no brake, no shaft seal
- Continuous duty S1 [T_c], add brake, add shaft seal

---

AKM2G Performance Curves | 3  HIPERFACE [GU]
3.9 AKM2G-24D [HIPERFACE Feedback]

Part Number: AKM2G-24DxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
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<tbody>
<tr>
<td>Continuous duty S1 [Tc], no brake, no shaft seal</td>
</tr>
<tr>
<td>Continuous duty S1 [Tc], add brake, add shaft seal</td>
</tr>
</tbody>
</table>
3.10 AKM2G-24E [HIPERFACE Feedback]

Part Number: AKM2G-24ExxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
3.11 AKM2G-24F [HIPERFACE Feedback]

Part Number: AKM2G-24FxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

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3.12 AKM2G-31C [HIPERFACE Feedback]

Part Number: AKM2G-31CxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
3.13 AKM2G-31D [HIPERFACE Feedback]

Part Number: AKM2G-31DxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous duty $S_1$ [Tc], no brake, no shaft seal</td>
</tr>
<tr>
<td>Continuous duty $S_1$ [Tc], add brake, add shaft seal</td>
</tr>
</tbody>
</table>
3.14 AKM2G-31E [HIPERFACE Feedback]

Part Number: AKM2G-31ExxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
3.15 AKM2G-32D [HIPERFACE Feedback]

Part Number: AKM2G-32DxxxxGUxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
<th>Continuous duty S1 [Tc], no brake, no shaft seal</th>
<th>Continuous duty S1 [Tc], add brake, add shaft seal</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.91, 10.4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2743, 10.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3595, 10.3</td>
<td></td>
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</tbody>
</table>
3.16 AKM2G-32E [HIPERFACE Feedback]

Part Number: AKM2G-32ExxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |
3.17 AKM2G-32G [HIPERFACE Feedback]

Part Number: AKM2G-32GxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

Peak Torque [T_p]
Continuous duty S1 [T_c], no brake, no shaft seal
Continuous duty S1 [T_c], add brake, add shaft seal
3.18 AKM2G-33E [HIPERFACE Feedback]
Part Number: AKM2G-33ExxxxGUxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

- Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
3.19 AKM2G-33G [HIPERFACE Feedback]

Part Number: AKM2G-33GxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
3.20 AKM2G-33H [HIPERFACE Feedback]

Part Number: AKM2G-33HxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
3.21 AKM2G-41D [HIPERFACE Feedback]

Part Number: AKM2G-41DxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

<table>
<thead>
<tr>
<th>Peak Torque [T(p)]</th>
<th>Continuous duty S1 [T(c)], no brake, no shaft seal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Continuous duty S1 [T(c)], add brake, add shaft seal</td>
</tr>
</tbody>
</table>
3.22 AKM2G-41E [HIPERFACE Feedback]

Part Number: AKM2G-41ExxxxGUxx

- **[a] Vbus: 120 VAC**
  - Peak Torque \( T_p \)
  - Continuous duty S1 \( T_c \), no brake, no shaft seal
  - Continuous duty S1 \( T_c \), add brake, add shaft seal

- **[b] Vbus: 240 VAC**
  - Peak Torque \( T_p \)
  - Continuous duty S1 \( T_c \), no brake, no shaft seal
  - Continuous duty S1 \( T_c \), add brake, add shaft seal

- **[c] Vbus: 400 VAC**
  - Peak Torque \( T_p \)
  - Continuous duty S1 \( T_c \), no brake, no shaft seal
  - Continuous duty S1 \( T_c \), add brake, add shaft seal

- **[d] Vbus: 480 VAC**
  - Peak Torque \( T_p \)
  - Continuous duty S1 \( T_c \), no brake, no shaft seal
  - Continuous duty S1 \( T_c \), add brake, add shaft seal
3.23 AKM2G-41G [HIPERFACE Feedback]

Part Number: AKM2G-41GxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[a] Vbus: 400 VAC

[b] Vbus: 480 VAC

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous duty S1 [Tc], no brake, no shaft seal</td>
</tr>
<tr>
<td>Continuous duty S1 [Tc], add brake, add shaft seal</td>
</tr>
</tbody>
</table>
3.24 AKM2G-42D [HIPERFACE Feedback]
Part Number: AKM2G-42DxxxxGUxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
3.25 AKM2G-42E [HIPERFACE Feedback]

Part Number: AKM2G-42ExxxGUxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |

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3.26 AKM2G-42H [HIPERFACE Feedback]

Part Number: AKM2G-42HxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
3.27 AKM2G-43D [HIPERFACE Feedback]

Part Number: AKM2G-43DxxxxGUxx

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

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3.28 AKM2G-43G [HIPERFACE Feedback]

Part Number: AKM2G-43GxxxxGUxx

- **[b] Vbus: 240 VAC**
  - AKM2G-43G, DSL, 240 Vac
  - 1090, 21.0

- **[c] Vbus: 400 VAC**
  - AKM2G-43G, DSL, 400 Vac
  - 2070, 21.0

- **[d] Vbus: 480 VAC**
  - AKM2G-43G, DSL, 480 Vac
  - 3564, 21.0

- Peak Torque [T_p]
- Continuous duty S1 [T_c], no brake, no shaft seal
- Continuous duty S1 [T_c], add brake, add shaft seal
3.29  AKM2G-43I [HIPERFACE Feedback]

Part Number: AKM2G-43IxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [$T_p$]
Continuous duty S1 [$T_c$], no brake, no shaft seal
Continuous duty S1 [$T_c$], add brake, add shaft seal
3.30 AKM2G-44E [HIPERFACE Feedback]
Part Number: AKM2G-44ExxxGUxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
3.31 AKM2G-44H [HIPERFACE Feedback]

Part Number: AKM2G-44HxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
3.32 AKM2G-44J [HIPERFACE Feedback]

Part Number: AKM2G-44JxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [T_p]
- Continuous duty S1 [T_c], no brake, no shaft seal
- Continuous duty S1 [T_c], add brake, add shaft seal
3.33  AKM2G-51H [HIPERFACE Feedback]

Part Number: AKM2G-51HxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [T_p]
- Continuous duty S1 [T_c], no brake, no shaft seal
- Continuous duty S1 [T_c], add brake, add shaft seal
3.34 AKM2G-51I [HIPERFACE Feedback]

Part Number: AKM2G-51IxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
3.35  AKM2G-51K [HIPERFACE Feedback]

Part Number: AKM2G-51KxxxxGUxx

[a] Vbus: 120 VAC
At the time of printing, this information was not available. Please refer to Kollmorgen's Motioneering Application Sizing programs, the Kollmorgen website Performance Curve Generator or contact Kollmorgen customer support for assistance.

[b] Vbus: 240 VAC
At the time of printing, this information was not available. Please refer to Kollmorgen’s Motioneering Application Sizing programs, the Kollmorgen website Performance Curve Generator or contact Kollmorgen customer support for assistance.

[c] Vbus: 400 VAC
At the time of printing, this information was not available. Please refer to Kollmorgen’s Motioneering Application Sizing programs, the Kollmorgen website Performance Curve Generator or contact Kollmorgen customer support for assistance.

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
<th>Continuous duty S1 [Tc], no brake, no shaft seal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Continuous duty S1 [Tc], add brake, add shaft seal</td>
</tr>
</tbody>
</table>
3.36 AKM2G-52H [HIPERFACE Feedback]

Part Number: AKM2G-52HxxxxGUxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
3.37 AKM2G-52K [HIPERFACE Feedback]

Part Number: AKM2G-52KxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

| Peak Torque $[T_p]$ | Continuous duty $S_1$ $[T_c]$, no brake, no shaft seal | Continuous duty $S_1$ $[T_c]$, add brake, add shaft seal |
3.38  AKM2G-52L [HIPERFACE Feedback]
Part Number: AKM2G-52LxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
3.39  AKM2G-53H [HIPERFACE Feedback]

Part Number: AKM2G-53HxxxxGUxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
3.40 AKM2G-53L [HIPERFACE Feedback]
Part Number: AKM2G-53LxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |

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3.41  **AKM2G-53M [HIPERFACE Feedback]**

Part Number: AKM2G-53MxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |

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3.42 AKM2G-54L [HIPERFACE Feedback]

Part Number: AKM2G-54LxxxGUxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
3.43 AKM2G-54M [HIPERFACE Feedback]
Part Number: AKM2G-54MxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
3.44 AKM2G-54N [HIPERFACE Feedback]

Part Number: AKM2G-54NxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
3.45 AKM2G-62K [HIPERFACE Feedback]

Part Number: AKM2G-62KxxxxGUxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
3.46 AKM2G-62L [HIPERFACE Feedback]

Part Number: AKM2G-62LxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
3.47 AKM2G-62M [HIPERFACE Feedback]

Part Number: AKM2G-62MxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

---

Peak Torque [Tp]

Continuous duty S1 [Tc], no brake, no shaft seal

Continuous duty S1 [Tc], add brake, add shaft seal
3.48 AKM2G-63K [HIPERFACE Feedback]

Part Number: AKM2G-63KxxxxGUxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous duty S1 [Tc], no brake, no shaft seal</td>
</tr>
<tr>
<td>Continuous duty S1 [Tc], add brake, add shaft seal</td>
</tr>
</tbody>
</table>
3.49 AKM2G-63M [HIPERFACE Feedback]

Part Number: AKM2G-63MxxxxGUxx

- [a] Vbus: 120 VAC
- [b] Vbus: 240 VAC
- [c] Vbus: 400 VAC
- [d] Vbus: 480 VAC

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous duty S1 [Tc], no brake, no shaft seal</td>
</tr>
<tr>
<td>Continuous duty S1 [Tc], add brake, add shaft seal</td>
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</tbody>
</table>
3.50 AKM2G-63N [HIPERFACE Feedback]
Part Number: AKM2G-63NxxxxGUxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

- Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
3.51 AKM2G-64L [HIPERFACE Feedback]

Part Number: AKM2G-64LxxxxGUxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |

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3.52 AKM2G-64M [HIPERFACE Feedback]

Part Number: AKM2G-64MxxxxGUxx

- [b] Vbus: 240 VAC
- [c] Vbus: 400 VAC
- [d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
3.53 AKM2G-64N [HIPERFACE Feedback]

Part Number: AKM2G-64NxxxxGUxx

[b] Vbus: 240 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
3.54 **AKM2G-65L [HIPERFACE Feedback]**

Part Number: AKM2G-65LxxxxGUxx

![Graph for Vbus: 240 VAC](image)

- Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal

![Graph for Vbus: 400 VAC](image)

![Graph for Vbus: 480 VAC](image)
3.55 AKM2G-65M [HIPERFACE Feedback]
Part Number: AKM2G-65MxxxxGUxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
3.56 AKM2G-65N [HIPERFACE Feedback]

Part Number: AKM2G-65NxxxxGUxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
3.57 AKM2G-71L [HIPERFACE Feedback]

Part Number: AKM2G-71LxxxxGUxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
3.58  AKM2G-71N [HIPERFACE Feedback]

Part Number: AKM2G-71NxxxxGUxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [T_p]
Continuous duty S1 [T_c], no brake, no shaft seal
Continuous duty S1 [T_c], add brake, add shaft seal
3.59 AKM2G-71P [HIPERFACE Feedback]

Part Number: AKM2G-71PxxxxGUxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |
3.60 AKM2G-72L [HIPERFACE Feedback]

Part Number: AKM2G-72LxxxxGUxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
3.61 AKM2G-72N [HIPERFACE Feedback]
Part Number: AKM2G-72NxxxxGUxx

[b] $V_{bus}$: 240 VAC

[c] $V_{bus}$: 400 VAC

[d] $V_{bus}$: 480 VAC

<table>
<thead>
<tr>
<th>Peak Torque [$T_p$]</th>
<th>Continuous duty S1 [$T_c$], no brake, no shaft seal</th>
<th>Continuous duty S1 [$T_c$], add brake, add shaft seal</th>
</tr>
</thead>
</table>
3.62 AKM2G-72P [HIPERFACE Feedback]

Part Number: AKM2G-72PxxyGUxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
3.63 AKM2G-73L [HIPERFACE Feedback]

Part Number: AKM2G-73LxxxxGUxx

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

AKM2G-73L, DSL, 400 Vac

AKM2G-73L, DSL, 480 Vac

Peak Torque [Tp]

Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
3.64 AKM2G-73N [HIPERFACE Feedback]

Part Number: AKM2G-73NxxxxGUxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
<th>Continuous duty S1 [Tc], no brake, no shaft seal</th>
<th>Continuous duty S1 [Tc], add brake, add shaft seal</th>
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</thead>
<tbody>
<tr>
<td>AKM2G-73N, DSL, 240 Vac</td>
<td><img src="image1" alt="Graph" /></td>
<td><img src="image2" alt="Graph" /></td>
</tr>
<tr>
<td>AKM2G-73N, DSL, 400 Vac</td>
<td><img src="image3" alt="Graph" /></td>
<td><img src="image4" alt="Graph" /></td>
</tr>
</tbody>
</table>
3.65 AKM2G-73Q [HIPERFACE Feedback]
Part Number: AKM2G-73QxxxxGUxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
3.66 AKM2G-74P [HIPERFACE Feedback]

Part Number: AKM2G-74PxxxxGUxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |
3.67  AKM2G-74Q [HIPERFACE Feedback]
Part Number: AKM2G-74QxxxxGUxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
3.68 AKM2G-74R [HIPERFACE Feedback]
Part Number: AKM2G-74RxxxxGUxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [T]<p>Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
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4.1 AKM2G-21D [Resolver Feedback] ....................................................... 147
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<td>AKM2G-74P</td>
<td>[Resolver Feedback]</td>
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<td>4.67</td>
<td>AKM2G-74Q</td>
<td>[Resolver Feedback]</td>
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<td>4.68</td>
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</tbody>
</table>
4.1 AKM2G-21D [Resolver Feedback]

Part Number: AKM2G-21DxxxxR-xx

- [a] Vbus: 120 VAC
- [b] Vbus: 240 VAC
- [c] Vbus: 400 VAC
- [d] Vbus: 480 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |

AKM2G Performance Curves | 4  Resolver [R-]
4.2 AKM2G-21E [Resolver Feedback]

Part Number: AKM2G-21ExxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |
4.3 AKM2G-21G [Resolver Feedback]

Part Number: AKM2G-21GxxxxR-xx

[a] Vbus: 120 VAC

![AKM2G-21G, Resolver, 120 Vac](image)

- **Peak Torque [Tp]**
- **Continuous duty S1 [Tc], no brake, no shaft seal**
- **Continuous duty S1 [Tc], add brake, add shaft seal**
4.4 AKM2G-22D [Resolver Feedback]

Part Number: AKM2G-22DxxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
4.5 AKM2G-22E [Resolver Feedback]

Part Number: AKM2G-22ExxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
4.6 AKM2G-23D [Resolver Feedback]

Part Number: AKM2G-23DxxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque \([T_p]\)
Continuous duty S1 \([T_c]\), no brake, no shaft seal
Continuous duty S1 \([T_c]\), add brake, add shaft seal
4.7 AKM2G-23E [Resolver Feedback]

Part Number: AKM2G-23ExxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |

AKM2G Performance Curves | 4  Resolver [R-]
4.8 AKM2G-23F [Resolver Feedback]

Part Number: AKM2G-23FxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

Peak Torque \([T_p]\)
Continuous duty S1 \([T_c]\), no brake, no shaft seal
Continuous duty S1 \([T_c]\), add brake, add shaft seal
4.9 AKM2G-24D [Resolver Feedback]
Part Number: AKM2G-24DxxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |

AKM2G Performance Curves | 4  Resolver [R-]
4.10 AKM2G-24E [Resolver Feedback]

Part Number: AKM2G-24ExxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

---

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
4.11 AKM2G-24F [Resolver Feedback]

Part Number: AKM2G-24FxxxxR-xx

[a] Vbus: 120 VAC

AKM2G-24F, Resolver, 120 Vac

[b] Vbus: 240 VAC

AKM2G-24F, Resolver, 240 Vac

[c] Vbus: 400 VAC

AKM2G-24F, Resolver, 400 Vac

[d] Vbus: 480 VAC

AKM2G-24F, Resolver, 480 Vac

Peak Torque [Tp]

- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
4.12 AKM2G-31C [Resolver Feedback]

Part Number: AKM2G-31CxxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
4.13 AKM2G-31D [Resolver Feedback]

Part Number: AKM2G-31DxxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous duty S1 [Tc], no brake, no shaft seal</td>
</tr>
<tr>
<td>Continuous duty S1 [Tc], add brake, add shaft seal</td>
</tr>
</tbody>
</table>
4.14 AKM2G-31E [Resolver Feedback]

Part Number: AKM2G-31ExxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
4.15 AKM2G-32D [Resolver Feedback]

Part Number: AKM2G-32DxxxxR-xx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
<th>Continuous duty S1 [Tc], no brake, no shaft seal</th>
<th>Continuous duty S1 [Tc], add brake, add shaft seal</th>
</tr>
</thead>
</table>

AKM2G Performance Curves | 4 Resolver [R-]

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4.16 AKM2G-32E [Resolver Feedback]

Part Number: AKM2G-32E<txt>xxx</txt>R-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [T_p]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
4.17 AKM2G-32G [Resolver Feedback]

Part Number: AKM2G-32GxxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
<th>Continuous duty S1 [Tc], no brake, no shaft seal</th>
<th>Continuous duty S1 [Tc], add brake, add shaft seal</th>
</tr>
</thead>
</table>

AKM2G Performance Curves | 4  Resolver [R-]
### 4.18 AKM2G-33E [Resolver Feedback]

Part Number: AKM2G-33ExxxR-xx

![Graph b] Vbus: 240 VAC

![Graph c] Vbus: 400 VAC

![Graph d] Vbus: 480 VAC

**Legend:**
- Peak Torque \([T_p]\)
- Continuous duty S1 \([T_c]\), no brake, no shaft seal
- Continuous duty S1 \([T_c]\), add brake, add shaft seal
4.19  AKM2G-33G [Resolver Feedback]

Part Number: AKM2G-33GxxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous duty S1 [Tc], no brake, no shaft seal</td>
</tr>
<tr>
<td>Continuous duty S1 [Tc], add brake, add shaft seal</td>
</tr>
</tbody>
</table>
4.20 AKM2G-33H [Resolver Feedback]
Part Number: AKM2G-33HxxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

<table>
<thead>
<tr>
<th>Peak Torque [T_p]</th>
<th>Continuous duty S1 [T_c], no brake, no shaft seal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Continuous duty S1 [T_c], add brake, add shaft seal</td>
</tr>
</tbody>
</table>

AKM2G Performance Curves | 4 Resolver [R-]
4.21 AKM2G-41D [Resolver Feedback]

Part Number: AKM2G-41DxxxxR-xx

[a] Vbus: 120 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC
4.22 AKM2G-41E [Resolver Feedback]

Part Number: AKM2G-41ExxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
4.23  AKM2G-41G [Resolver Feedback]

Part Number: AKM2G-41GxxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[a] Vbus: 400 VAC

[b] Vbus: 480 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |
4.24 AKM2G-42D [Resolver Feedback]

Part Number: AKM2G-42DxxxxR-xx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
4.25 AKM2G-42E [Resolver Feedback]

Part Number: AKM2G-42ExxxR-xx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
<th>Continuous duty S1 [Tc], no brake, no shaft seal</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Continuous duty S1 [Tc], add brake, add shaft seal</td>
</tr>
</tbody>
</table>

AKM2G Performance Curves | 4  Resolver [R-]
4.26 AKM2G-42H [Resolver Feedback]
Part Number: AKM2G-42HxxxxR-xx

[a] Vbus: 120 VAC
[b] Vbus: 240 VAC
[c] Vbus: 400 VAC
[d] Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
4.27 AKM2G-43D [Resolver Feedback]

Part Number: AKM2G-43DxxxxR-xx

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC
4.28 AKM2G-43G [Resolver Feedback]

Part Number: AKM2G-43GxxxxR-xx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
4.29 AKM2G-43I [Resolver Feedback]
Part Number: AKM2G-43IxxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |

AKM2G-43I Performance Curves

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4.30 AKM2G-44E [Resolver Feedback]

Part Number: AKM2G-44ExxxR-xx
4.31 AKM2G-44H [Resolver Feedback]

Part Number: AKM2G-44HxxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

---

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal

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4.32 AKM2G-44J [Resolver Feedback]

Part Number: AKM2G-44JxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
4.33 AKM2G-51H [Resolver Feedback]
Part Number: AKM2G-51HxxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
4.34 AKM2G-51I [Resolver Feedback]

Part Number: AKM2G-51IxxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
4.35 AKM2G-51K [Resolver Feedback]

Part Number: AKM2G-51KxxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
4.36 AKM2G-52H [Resolver Feedback]
Part Number: AKM2G-52HxxxxR-xx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
4.37 AKM2G-51K [Resolver Feedback]

Part Number: AKM2G-52KxxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

| Peak Torque [T_p] | Continuous duty S1 [T_c], no brake, no shaft seal | Continuous duty S1 [T_c], add brake, add shaft seal |

AKM2G Performance Curves | 4  Resolver [R-]
4.38 AKM2G-52L [Resolver Feedback]

Part Number: AKM2G-52LxxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous duty S1 [Tc], no brake, no shaft seal</td>
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<tr>
<td>Continuous duty S1 [Tc], add brake, add shaft seal</td>
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</tbody>
</table>
4.39  AKM2G-53H [ Resolver Feedback ]

Part Number: AKM2G-53HxxxxR-xx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
4.40 AKM2G-53L [Resolver Feedback]
Part Number: AKM2G-53LxxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
4.41 AKM2G-53M [Resolver Feedback]

Part Number: AKM2G-53MxxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
4.42 AKM2G-54L [Resolver Feedback]

Part Number: AKM2G-54LxxxxR-xx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

<table>
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<tr>
<th>Peak Torque [Tp]</th>
<th>Continuous duty S1 [Tc], no brake, no shaft seal</th>
<th>Continuous duty S1 [Tc], add brake, add shaft seal</th>
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1129, 54.7

1905, 54.7

2412, 54.7

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4.43 AKM2G-54M [Resolver Feedback]

Part Number: AKM2G-54MxxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

- Peak Torque \([T_p]\)
- Continuous duty S1 \([T_c]\), no brake, no shaft seal
- Continuous duty S1 \([T_c]\), add brake, add shaft seal
4.44 AKM2G-54N [Resolver Feedback]

Part Number: AKM2G-54NxxxxR-xx

- **[a] Vbus: 120 VAC**
- **[b] Vbus: 240 VAC**
- **[c] Vbus: 400 VAC**

**Peak Torque [Tp]**
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal

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4.45 AKM2G-62K [Resolver Feedback]

Part Number: AKM2G-62KxxxxR-xx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]

- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
4.46 AKM2G-62L [Resolver Feedback]

Part Number: AKM2G-62LxxxxR-xx

(a) Vbus: 120 VAC

(b) Vbus: 240 VAC

(c) Vbus: 400 VAC

(d) Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
4.47 AKM2G-62M [Resolver Feedback]

Part Number: AKM2G-62MxxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |

AKM2G Performance Curves | 4  Resolver [R-]
4.48 **AKM2G-63K [Resolver Feedback]**

Part Number: AKM2G-63KxxxxR-xx

---

**[b] Vbus: 240 VAC**

![AKM2G-63K, Resolver, 240 Vac](image)

**[c] Vbus: 400 VAC**

![AKM2G-63K, Resolver, 400 Vac](image)

**[d] Vbus: 480 VAC**

![AKM2G-63K, Resolver, 480 Vac](image)

- Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
4.49  AKM2G-63M [Resolver Feedback]

Part Number: AKM2G-63MxxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |

AKM2G Performance Curves | 4  Resolver [R-]
4.50 AKM2G-63N [Resolver Feedback]
Part Number: AKM2G-63NxxxxR-xx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

<table>
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<tr>
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</thead>
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<tr>
<td>Continuous duty S1 [Tc], add brake, add shaft seal</td>
</tr>
</tbody>
</table>
4.51 AKM2G-64L [Resolver Feedback]

Part Number: AKM2G-64LxxxxR-xx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]

- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
4.52 AKM2G-64M [Resolver Feedback]
Part Number: AKM2G-64MxxxR-xx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque \([T_p]\)
- Continuous duty S1 \([T_c]\), no brake, no shaft seal
- Continuous duty S1 \([T_c]\), add brake, add shaft seal
4.53 AKM2G-64N [Resolver Feedback]

Part Number: AKM2G-64NxxxxR-xx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
4.54 AKM2G-65L [Resolver Feedback]
Part Number: AKM2G-65LxxxxR-xx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
4.55 AKM2G-65M [Resolver Feedback]

Part Number: AKM2G-65MxxxxR-xx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
4.56 AKM2G-65N [Resolver Feedback]

Part Number: AKM2G-65NxxxxR-xx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |
4.57 AKM2G-71L [Resolver Feedback]
Part Number: AKM2G-71LxxxxR-xx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
4.58  AKM2G-71N [Resolver Feedback]

Part Number: AKM2G-71NxxxxR-xx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
4.59  AKM2G-71P [Resolver Feedback]
Part Number: AKM2G-71PxxxxR-xx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

- Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
4.60 AKM2G-72L [Resolver Feedback]

Part Number: AKM2G-72LxxxxR-xx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |
4.61 AKM2G-72N [Resolver Feedback]

Part Number: AKM2G-72NxxxxR-xx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
4.62 AKM2G-72P [Resolver Feedback]

Part Number: AKM2G-72PxxxxR-xx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
4.63 AKM2G-73L [Resolver Feedback]
Part Number: AKM2G-73LxxxxR-xx

[c] Vbus: 400 VAC
[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
4.64 AKM2G-73N [Resolver Feedback]

Part Number: AKM2G-73NxxxxR-xx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [$T_p$]
- Continuous duty $S_1 [T_c]$, no brake, no shaft seal
- Continuous duty $S_1 [T_c]$, add brake, add shaft seal
4.65 AKM2G-73Q [Resolver Feedback]

Part Number: AKM2G-73QxxxxR-xx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque $[T_p]$
Continuous duty $S_1$ [$T_c$], no brake, no shaft seal
Continuous duty $S_1$ [$T_c$], add brake, add shaft seal
4.66 AKM2G-74P [Resolver Feedback]
Part Number: AKM2G-74PxxxxR-xx

- [b] Vbus: 240 VAC

- [c] Vbus: 400 VAC

- [d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
4.67 AKM2G-74Q [Resolver Feedback]
Part Number: AKM2G-74QxxxxRx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
4.68 AKM2G-74R [Resolver Feedback]
Part Number: AKM2G-74RxxxxR-xx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
### 5 SFD3 [CA]

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</tbody>
</table>
5.1 AKM2G-21D [SFD3 Feedback]

Part Number: AKM2G-21DxxxxCAxx

[a] Vbus: 120 VAC

![AKM2G-21D, SFD3, 120 Vac](image)

[b] Vbus: 240 VAC

![AKM2G-21D, SFD3, 240 Vac](image)

[c] Vbus: 400 VAC

![AKM2G-21D, SFD3, 400 Vac](image)

[d] Vbus: 480 VAC

![AKM2G-21D, SFD3, 480 Vac](image)

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
<th>Continuous duty S1 [Tc], no brake, no shaft seal</th>
</tr>
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<tbody>
<tr>
<td>Continuous duty S1 [Tc], add brake, add shaft seal</td>
<td></td>
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5.2 AKM2G-21E [SFD3 Feedback]

Part Number: AKM2G-21ExxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
5.3 AKM2G-21G [SFD3 Feedback]

Part Number: AKM2G-21GxxxxCAxx

[a] Vbus: 120 VAC

![Graph of AKM2G-21G, SFD3, 120 Vac]

- **Peak Torque [Tp]**
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
5.4 AKM2G-22D [SFD3 Feedback]
Part Number: AKM2G-22DxxxxCAxx

- **a** Vbus: 120 VAC
- **b** Vbus: 240 VAC
- **c** Vbus: 400 VAC
- **d** Vbus: 480 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |

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5.5 AKM2G-22E [SFD3 Feedback]
Part Number: AKM2G-22ExxxxCAxx

[a] Vbus: 120 VAC

[AKM2G-22E, SFD3, 120 Vac]

[b] Vbus: 240 VAC

[AKM2G-22E, SFD3, 240 Vac]

Peak Torque [Tp]

- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
5.6 AKM2G-23D [SFD3 Feedback]

Part Number: AKM2G-23DxxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [T_p]
Continuous duty S1 [T_c], no brake, no shaft seal
Continuous duty S1 [T_c], add brake, add shaft seal
5.7 AKM2G-23E [SFD3 Feedback]

Part Number: AKM2G-23ExxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

---

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.8  AKM2G-23F [SFD3 Feedback]
Part Number: AKM2G-23FxxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.9 AKM2G-24D [SFD3 Feedback]

Part Number: AKM2G-24DxxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.10 AKM2G-24E [SFD3 Feedback]

Part Number: AKM2G-24ExxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.11 AKM2G-24F [SFD3 Feedback]

Part Number: AKM2G-24FxxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.12 AKM2G-31C [SFD3 Feedback]
Part Number: AKM2G-31CxxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.13  AKM2G-31D [SFD3 Feedback]

Part Number: AKM2G-31DxxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]

- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
5.14 AKM2G-31E [SFD3 Feedback]

Part Number: AKM2G-31ExxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]

Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.15 AKM2G-32D [SFD3 Feedback]
Part Number: AKM2G-32DxxxxCAxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.16 AKM2G-32E [SFD3 Feedback]

Part Number: AKM2G-32ExxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

---

**Peak Torque [Tp]**
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal

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5.17 AKM2G-32G [SFD3 Feedback]

Part Number: AKM2G-32GxxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.18 AKM2G-33E [SFD3 Feedback]
Part Number: AKM2G-33ExxxxCAxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
5.19 AKM2G-33G [SFD3 Feedback]

Part Number: AKM2G-33GxxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

<table>
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<tr>
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5.20 AKM2G-33H [SFD3 Feedback]

Part Number: AKM2G-33HxxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

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5.21 AKM2G-41D [SFD3 Feedback]

Part Number: AKM2G-41DxxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
<th>Continuous duty S1 [Tc], no brake, no shaft seal</th>
<th>Continuous duty S1 [Tc], add brake, add shaft seal</th>
</tr>
</thead>
<tbody>
<tr>
<td>73, 7.2</td>
<td>900, 3.4</td>
<td>1015, 7.2</td>
</tr>
<tr>
<td>2074, 7.2</td>
<td>2509, 7.2</td>
<td>2509, 7.2</td>
</tr>
</tbody>
</table>

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5.22 AKM2G-41E [SFD3 Feedback]
Part Number: AKM2G-41ExxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.23 AKM2G-41G [SFD3 Feedback]

Part Number: AKM2G-41GxxxxCAxx

[a] Vbus: 120 VAC

AKM2G-41G, SFD3, 120 Vac

[b] Vbus: 240 VAC

AKM2G-41G, SFD3, 240 Vac

[a] Vbus: 400 VAC

AKM2G-41G, SFD3, 400 Vac

[b] Vbus: 480 VAC

AKM2G-41G, SFD3, 480 Vac

Peak Torque [Tp]

- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
5.24 AKM2G-42D [SFD3 Feedback]
Part Number: AKM2G-42DxxxxCAxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.25  AKM2G-42E [SFD3 Feedback]

Part Number: AKM2G-42ExxxxCAxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.26 AKM2G-42H [SFD3 Feedback]

Part Number: AKM2G-42HxxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [T_p]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
5.27  AKM2G-43D [SFD3 Feedback]

Part Number: AKM2G-43DxxxxCAxx

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
<th>Continuous duty S1 [Tc], no brake, no shaft seal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous duty S1 [Tc], add brake, add shaft seal</td>
<td></td>
</tr>
</tbody>
</table>
5.28 AKM2G-43G [SFD3 Feedback]

Part Number: AKM2G-43GxxxxCAxx

- **[b] Vbus: 240 VAC**
- **[c] Vbus: 400 VAC**
- **[d] Vbus: 480 VAC**

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |

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5.29  AKM2G-43I [SFD3 Feedback]

Part Number: AKM2G-43IxxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |

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5.30 **AKM2G-44E [SFD3 Feedback]**

Part Number: AKM2G-44ExxxCAxx

- **[b] Vbus: 240 VAC**

- **[c] Vbus: 400 VAC**

- **[d] Vbus: 480 VAC**

---

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
<th>Continuous duty S1 [Tc], no brake, no shaft seal</th>
<th>Continuous duty S1 [Tc], add brake, add shaft seal</th>
</tr>
</thead>
</table>

AKM2G Performance Curves | 5 | SFD3 [CA]
5.31 AKM2G-44H [SFD3 Feedback]

Part Number: AKM2G-44HxxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.32 AKM2G-44J [SFD3 Feedback]

Part Number: AKM2G-44JxxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.33 AKM2G-51H [SFD3 Feedback]

Part Number: AKM2G-51HxxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
<th>Continuous duty S1 [Tc], no brake, no shaft seal</th>
<th>Continuous duty S1 [Tc], add brake, add shaft seal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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5.34 AKM2G-511 [SFD3 Feedback]

Part Number: AKM2G-511xxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.35 AKM2G-51K [SFD3 Feedback]

Part Number: AKM2G-51KxxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.36 AKM2G-52H [SFD3 Feedback]
Part Number: AKM2G-52HxxxxCAxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.37  AKM2G-51K [SFD3 Feedback]

Part Number: AKM2G-52KxxxxCAxx

[a] Vbus: 120 VAC

![Graph a](image)

[b] Vbus: 240 VAC

![Graph b](image)

[c] Vbus: 400 VAC

![Graph c](image)

[d] Vbus: 480 VAC

![Graph d](image)

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
5.38 AKM2G-52L [SFD3 Feedback]

Part Number: AKM2G-52LxxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
5.39  AKM2G-53H [SFD3 Feedback]
Part Number: AKM2G-53HxxxxCAxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
5.40 AKM2G-53L [SFD3 Feedback]

Part Number: AKM2G-53LxxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque \([T_p]\)

Continuous duty S1 \([T_c]\), no brake, no shaft seal

Continuous duty S1 \([T_c]\), add brake, add shaft seal
5.41 AKM2G-53M [SFD3 Feedback]

Part Number: AKM2G-53MxxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous duty S1 [Tc], no brake, no shaft seal</td>
</tr>
<tr>
<td>Continuous duty S1 [Tc], add brake, add shaft seal</td>
</tr>
</tbody>
</table>

AKM2G Performance Curves | SFD3 [CA]
5.42 AKM2G-54L [SFD3 Feedback]
Part Number: AKM2G-54LxxxxCAxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.43 AKM2G-54M [SFD3 Feedback]

Part Number: AKM2G-54MxxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.44 AKM2G-54N [SFD3 Feedback]
Part Number: AKM2G-54NxxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
5.45 AKM2G-62K [SFD3 Feedback]

Part Number: AKM2G-62KxxxxCAxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]

Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.46 AKM2G-62L [SFD3 Feedback]
Part Number: AKM2G-62LxxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
5.47 AKM2G-62M [SFD3 Feedback]

Part Number: AKM2G-62MxxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

<table>
<thead>
<tr>
<th>Peak Torque [Tp]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous duty S1 [Tc], no brake, no shaft seal</td>
</tr>
<tr>
<td>Continuous duty S1 [Tc], add brake, add shaft seal</td>
</tr>
</tbody>
</table>
5.48 AKM2G-63K [SFD3 Feedback]

Part Number: AKM2G-63KxxxxCAxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.49 AKM2G-63M [SFD3 Feedback]
Part Number: AKM2G-63MxxxxCAxx

[a] Vbus: 120 VAC

![Graph A](image1.png)

[b] Vbus: 240 VAC

![Graph B](image2.png)

[c] Vbus: 400 VAC

![Graph C](image3.png)

[d] Vbus: 480 VAC

![Graph D](image4.png)

### Performance Curves

- **Peak Torque [Tp]**
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
5.50 AKM2G-63N [SFD3 Feedback]
Part Number: AKM2G-63NxxxxCAxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |
5.51 AKM2G-64L [SFD3 Feedback]
Part Number: AKM2G-64LxxxxCAxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
5.52 AKM2G-64M [SFD3 Feedback]

Part Number: AKM2G-64MxxxxCAxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

- Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
5.53 AKM2G-64N [SFD3 Feedback]

Part Number: AKM2G-64NxxxxCAxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.54 AKM2G-65L [SFD3 Feedback]
Part Number: AKM2G-65LxxxxCAxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.55 AKM2G-65M [SFD3 Feedback]

Part Number: AKM2G-65MxxxxCAxx

[b] $V_{bus}$: 240 VAC

[c] $V_{bus}$: 400 VAC

[d] $V_{bus}$: 480 VAC

**Peak Torque [$T_p$]**
- Continuous duty $S_1$ [$T_c$], no brake, no shaft seal
- Continuous duty $S_1$ [$T_c$], add brake, add shaft seal
5.56  **AKM2G-65N [SFD3 Feedback]**

Part Number: AKM2G-65NxxxxCAxx

### (b) Vbus: 240 VAC

![Graph showing AKM2G-65N, SFD3, 240 Vac performance curves.]

- Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal

### (c) Vbus: 400 VAC

![Graph showing AKM2G-65N, SFD3, 400 Vac performance curves.]

![Graph showing AKM2G-65N, SFD3, 480 Vac performance curves.]

Vbus: 400 VAC

Vbus: 480 VAC
5.57 AKM2G-71L [SFD3 Feedback]
Part Number: AKM2G-71LxxxxCAxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.58 AKM2G-71N [SFD3 Feedback]

Part Number: AKM2G-71NxxxxCAxx

[a] Vbus: 120 VAC

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |

Vbus: 120 VAC

Vbus: 240 VAC

Vbus: 400 VAC

Vbus: 480 VAC
5.59  AKM2G-71P [SFD3 Feedback]

Part Number: AKM2G-71PxxxxCAxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.60 AKM2G-72L [SFD3 Feedback]
Part Number: AKM2G-72LxxxCAxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.61 AKM2G-72N [SFD3 Feedback]

Part Number: AKM2G-72NxxxxCAxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

| Peak Torque [Tp] | Continuous duty S1 [Tc], no brake, no shaft seal | Continuous duty S1 [Tc], add brake, add shaft seal |

AKM2G Performance Curves | 5 | SFD3 [CA]
5.62 AKM2G-72P [SFD3 Feedback]
Part Number: AKM2G-72PxxxxCAxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.63 AKM2G-73L [SFD3 Feedback]

Part Number: AKM2G-73LxxxxCAxx

[c] Vbus: 400 VAC

![Graph for Vbus: 400 VAC]

[d] Vbus: 480 VAC

![Graph for Vbus: 480 VAC]

- Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal

AKM2G Performance Curves | 5 SFD3 [CA]
5.64 AKM2G-73N [SFD3 Feedback]
Part Number: AKM2G-73NxxxxCAxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.65  AKM2G-73Q [SFD3 Feedback]
Part Number: AKM2G-73QxxxxCAxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

---

Peak Torque [T_p]
- Continuous duty S1 [T_c], no brake, no shaft seal
- Continuous duty S1 [T_c], add brake, add shaft seal
5.66 AKM2G-74P [SFD3 Feedback]
Part Number: AKM2G-74PxxxxCAxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
Continuous duty S1 [Tc], no brake, no shaft seal
Continuous duty S1 [Tc], add brake, add shaft seal
5.67  AKM2G-74Q [SFD3 Feedback]

Part Number: AKM2G-74QxxxxCAxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal

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5.68 AKM2G-74R [SFD3 Feedback]

Part Number: AKM2G-74RxxxxCAxx

[b] Vbus: 240 VAC

[c] Vbus: 400 VAC

[d] Vbus: 480 VAC

Peak Torque [Tp]
- Continuous duty S1 [Tc], no brake, no shaft seal
- Continuous duty S1 [Tc], add brake, add shaft seal
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