

CE DECLARATION OF CONFORMITY

We, ORIENTAL MOTOR CO., LTD., herewith declare under our sole responsibility that the following products meets the relevant basic requirements of the EU Directive.

Description of the products: Stepping Motor Driver

Product models: See Appendix

Relevant EU Directive(s) and applied standard(s):

Electromagnetic Compatibility (EMC) Directive, 2014/30/EU
EN 61000-6-4:2007+A1:2011
EN 55011:2016+A1:2017+A11:2020
EN 61000-6-2:2005

RoHS Directive, 2011/65/EU, (EU) 2015/863
EN IEC 63000:2018

Manufacturer's name and address:

ORIENTAL MOTOR CO., LTD.
4-8-1 Higashi Ueno, Taito-ku, Tokyo, 110-8536, Japan

Date of issued: 25. February. 2025



Kei Sato
Director
Engineering Div.

Oriental motor

UK CA DECLARATION OF CONFORMITY

DoC-6074

We, ORIENTAL MOTOR CO., LTD., herewith declare under our sole responsibility that the following products meets the relevant basic requirements of the UK Legislation.

Description of the products: Stepping Motor Driver

Product models: See Appendix

Relevant UK Legislation(s) and designated standard(s):

The Electromagnetic Compatibility Regulations 2016
EN 61000-6-4:2007+A1:2011
EN 55011:2016+A1:2017+A11:2020
EN 61000-6-2:2005

The Restriction of the Use of Certain Hazardous Substances
Regulations 2012
EN IEC 63000:2018

Manufacturer's name and address:

ORIENTAL MOTOR CO., LTD.
4-8-1 Higashi Ueno, Taito-ku, Tokyo, 110-8536, Japan

Date of issued: 25. February. 2025



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Director
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Certificate of Non-Usage of RoHS Restricted Substances

DoC-6074

RoHS規制物質不使用証明書

We, ORIENTAL MOTOR CO., LTD., herewith certify that the following products do not contain the substances exceeding the maximum concentration values of the relevant regulations.

オリエンタルモーター株式会社は、以下の製品に関連する規制の最大濃度値を超える物質を含有していないことを証明します。

Product models: See Appendix

Relevant EU Directive, UK Legislation: 2011/65/EU, (EU) 2015/863, The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

| Restricted substances 規制物質 | Maximum concentration values 最大濃度値 |
|--|---------------------------------------|
| Lead 鉛 | 0.1 wt% |
| Mercury 水銀 | 0.1 wt% |
| Cadmium カドミウム | 0.01 wt% |
| Hexavalent chromium 六価クロム | 0.1 wt% |
| Polybrominated biphenyls (PBB) ポリ臭化ビフェニル類 (PBB 類) | 0.1 wt% |
| Polybrominated diphenyl ethers (PBDE) ポリ臭化ジフェニルエーテル類 (PBDE 類) | 0.1 wt% |
| Bis (2-ethylhexyl) phthalate (DEHP) フタル酸ビス (2-エチルヘキシル) (DEHP) | 0.1 wt% |
| Butyl benzyl phthalate (BBP) フタル酸ブチルベンジル (BBP) | 0.1 wt% |
| Dibutyl phthalate (DBP) フタル酸ジブチル (DBP) | 0.1 wt% |
| Diisobutyl phthalate (DIBP) フタル酸ジイソブチル (DIBP) | 0.1 wt% |
| Expect for the application listed in 2011/65/EU ANNEX III and UK RoHS SCHEDULE A2 Table 1. 2011/65/EU の付属書Ⅲおよび UK RoHS SCHEDULE A2 の表 1 で規定する除外項目は除く。 | |

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Appendix: Product models

| Driver Model | Motor Model | |
|--|--|---|
| CVD2B-KR CVD2BR-KR CVD4A-KED CVD4AR-KED | PKP213D05□ PKP213D05A-R▲ PKP203D06□ PKP214D06□ PKP214D06A-R▲ PKP223D15■2 PKP223D15A2-R▲ PKP225D15■2 PKP225D15A2-R▲ PKP223D15□ PKP224D15□ PKP225D15□ PKP223D15□-SG○ PKP223D15□-CS○ PKP233D15■ PKP233D15A-R▲ PKP223D15A-SG○-R▲ PKP235D15■ PKP235D15A-R▲ PKP223MD15□ PKP223MD15A-R▲ PKP225MD15□ PKP225MD15A-R▲ PKP235D15A-R▲ PKP243D15■ PKP243D15□-SG○ PKP243D15A-R▲ PKP244D15■ PKP244D15A-R▲ PKP245D15■ PKP245D15A-R▲ PKP246D15■ PKP246D15A-R▲ PKP243MD15■ PKP243MD15A-R▲ PKP244MD15■ PKP244MD15A-R▲ PKP243D23A2-SG○-R▲ PKP243D23A2-R▲ | PKP262FD15AW PKP262FD15AW-H○ PKP262FD15AW-H○S PKP262FD15AW-R▲ PKP262FD15AWH○R▲ PKE243D□ PKE244D□ PKE245D□ PKP233D23□ PKP233D23A-R▲ PKP235D23□ PKP235D23A-R▲ PKP243D23□ PKP244D23□ PKP245D23□ PKP246D23□ PKP242D23A2 PKP242D23A2-H○ PKP242D23A2-R▲ PKP242D23A2H○R▲ PKP243D08□2 PKP243D08A2-R▲ PKP243D15□2 PKP243D15A2-R▲ PKP243D15□2-SG○ PKP243D15□2-CS○ PKP243D15A2-SG○-R▲ PKP243MD15□2 PKP243MD15A2-R▲ PKP243D23□2 PKP243D23□2-SG○ PKP243D23□2-CS○ PKP244D08□2 PKP244D08A2-R▲ PKP244D15□2 PKP244D15A2-R▲ PKP244MD15□2 PKP244MD15A2-R▲ |
| <ul style="list-style-type: none"> • “□” denotes “A” or “B”. • “■” denotes “A”, “B” or “M”. • “○” denotes suffix numbers. • “▲” denotes any letters, numbers and/or hyphens. | | |

All models may or may not be followed by a hyphen and/or any letters and/or suffix numbers.
The declaration of conformity applies only to the models marked on the nameplate or packaging label.

Oriental motor

| Driver Model | Motor Model | |
|--|-----------------|-----------------|
| CVD2B-KR | PKP244D23□2 | PKP256D28□A2 |
| CVD2BR-KR | PKP244D23A2-R▲ | PKP256D28AA2-R▲ |
| CVD4A-KED | PKP245D08□2 | PKP258D28□A2 |
| CVD4AR-KED | PKP245D08A2-R▲ | PKP258D28AA2-R▲ |
| | PKP245D15□2 | PKP264D14□2 |
| | PKP245D15A2-R▲ | PKP264D14A2-R▲ |
| | PKP245MD15□2 | PKP264D14□2-SG○ |
| | PKP245MD15A2-R▲ | PKP264D14□A2 |
| | PKP245D23□2 | PKP264D14AA2-R▲ |
| | PKP245D23A2-R▲ | PKP264D14□2-CS○ |
| | PKP246D15□2 | PKP264D28□2 |
| | PKP246D15A2-R▲ | PKP264D28□A2 |
| | PKP246MD15□2 | PKP264D28A2-R▲ |
| | PKP246MD15A2-R▲ | |
| | PKP246D23□2 | |
| | PKP246D23A2-R▲ | |
| | PKP254D28□A2 | |
| | PKP254D28AA2-R▲ | |
| <ul style="list-style-type: none"> • “□” denotes “A” or “B”. • “■” denotes “A”, “B” or “M”. • “○” denotes suffix numbers. • “▲” denotes any letters, numbers and/or hyphens. | | |

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Oriental motor

| Driver Model | Motor Model | |
|--|--|--|
| CVD2B-KR CVD2BR-KR CVD4A-KED CVD4AR-KED | PKP264D28AA2-R▲ PKP264D28□2-CS○ PKP264MD28□2 PKP264MD28A2-R▲ PKP264MD28□A2 PKP264MD28AA2-R▲ PKP266D14□2 PKP266D14A2-R▲ PKP266D14□A2 PKP266D14AA2-R▲ PKP266D28□2 PKP266D28□A2 PKP266D28A2-R▲ PKP266D28AA2-R▲ | PKP266MD28□2 PKP266MD28A2-R▲ PKP266MD28□A2 PKP266MD28AA2-R▲ PKP268D14□2 PKP268D14A2-R▲ PKP268D28□2 PKP268D28A2-R▲ PKP268MD28□2 PKP268MD28A2-R▲ PKP264D28□2-SG○ PKP264D28A2-SG○-R▲ PKP264D28■ PKP264D28□-SG○ PKP264D28A-R▲ PKP266D28■ PKP266D28A-R▲ PKP268D28■ PKP268D28A-R▲ PKP264MD28■ PKP264MD28A-R▲ PKP266MD28■ PKP266MD28A-R▲ PKP268MD28■ PKP268MD28A-R▲ |
| <ul style="list-style-type: none"> • “□” denotes “A” or “B”. • “■” denotes “A”, “B” or “M”. • “○” denotes suffix numbers. • “▲” denotes any letters, numbers and/or hyphens. | | |

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| Driver Model | Motor Model | |
|--|--|---|
| CVD5B-KR CVD5BR-KR CVD4A-KED CVD4AR-KED | PK513P□ PK513P□-H○S PK513P□-PS○ PK513PA-R▲ PK523P□ PK523P□-N○ PK523P□-PS○ PK523P□-T○ PK523PA-R▲ PK525P□ PK525PA-R▲ PK523PM□ PK524PM□ PK525PM□ PK523□ PK525□ PK523HP□ PK523HP□-H○S PK523HPA-R▲ PK525HP□ PK525HPA-R▲ PK523HPM□ PK524HPM□ PK525HPM□ PK543N□W PK543□W-H○S PK543□W-PS○ PK543□W-T○ PK543AW-R23L PK543AWM PK544N□W PK544□W-N○ PK544AW-R23L PK544AWM PK545N□W PK545□W-PS○ PK545AW-R23L PK545AWM PK544P□ PK544PA-R23L PK546P□ | PK546PA-R23L PK544PM□ PK546PM□ C005C-90215P-1 PKP523N12□ PKP525N12□ PK564N□W PK564□W-H○S PK564□W-N○ PK564□W-PS○ PK564□W-T○ PK564AW-R23L PK564AWM PK566N□W PK566□W-N○ PK566□W-PS○ PK566AW-R23L PK566AWM PK569N□W PK569AW-R23L PK569AWM PK564PM□ PK566PM□ PK569PM□ PKP523N03A-R▲ PKP523N07A-R▲ PKP523N12A-R▲ PKP523MN03□ PKP523MN03A-R▲ PKP523MN07□ PKP523MN07A-R▲ PKP524MN03□ PKP524MN03A-R▲ PKP524MN07□ PKP524MN07A-R▲ PKP525N03A-R▲ PKP525N07A-R▲ PKP525N12A-R▲ PKP525MN03□ PKP525MN03A-R▲ PKP525MN07□ |
| <ul style="list-style-type: none"> • “□” denotes “A” or “B”. • “■” denotes “A”, “B” or “M”. • “○” denotes suffix numbers. • “▲” denotes any letters, numbers and/or hyphens. | | |

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| Driver Model | Motor Model | |
|--|--|--|
| CVD5B-KR CVD5BR-KR CVD4A-KED CVD4AR-KED | PKP525MN07A-R▲ PKP543N18□2 PKP543N18□2-TS○ PKP543N18A2-R▲ PKP544N18□2 PKP544N18□2-TS○ PKP544N18A2-R▲ PKP545N18□2 PKP545N18A2-R▲ PKP546N18□2 PKP546N18A2-R▲ PKP544N18□ PKP546N18□ PKP544MN18□ PKP544MN18A-R▲ PKP546MN18□ | PKP546MN18A-R▲ PKP564FN24□2 PKP564FN24A2-R▲ PKP566FN24□2 PKP566FN24A2-R▲ PKP569FN24□2 PKP569FN24A2-R▲ PKP564FN24□W PKP566FN24□W PKP569FN24□W PKP564FMN24□ PKP564FMN24A-R▲ PKP566FMN24□ PKP566FMN24A-R▲ PKP569FMN24□ PKP569FMN24A-R▲ |
| <ul style="list-style-type: none"> • “□” denotes “A” or “B”. • “■” denotes “A”, “B” or “M”. • “○” denotes suffix numbers. • “▲” denotes any letters, numbers and/or hyphens. | | |

| Driver Model | Motor Model |
|--|---|
| CVD5B-KR CVD5BR-KR CVD4A-KED CVD4AR-KED | DR28R2.5B03-P2◆K▲△ DR28R2.5BC03-P2◆K▲△ DR28T2.5B03-P2◆K▲△ DR28T2.5BC03-P2◆K▲△ DR28G2.5B03-P2◆K▲ DR28G2.5BC03-P2◆K▲ |
| CVD5B-KR CVD5BR-KR CVD4A-KED CVD4AR-KED | Q7245-MDRL Q7246-MDRL DRL60PA4-05M DRL60PA4-Q16 |
| <ul style="list-style-type: none"> ▪ “◆” denotes “A” or “N”. ▪ “▲” denotes “U”, “D”, “R” or “L”. ▪ “△” denotes “-P”, “-F” or blank. | |

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| Driver Model | Motor Model | |
|---|------------------|------------------|
| CVD5B-KR | DRLM20-02B1P◆-K | DRLM42G-04◇2P◆-K |
| CVD5BR-KR | DRLM20G-02B1P◆-K | DRLM42-04◇8P◆-K |
| CVD4A-KED | DRLM20V-02B1P◆-K | DRLM42-10◇8P-K |
| CVD4AR-KED | DRLM28-03◇1P◆-K | DRLM42G-04◇8P◆-K |
| | DRLM28-06◇1P-K | DRLM42-04B2M◆-K |
| | DRLM28G-03◇1P◆-K | DRLM42G-04B2M◆-K |
| | DRLM28V-03◇1P◆-K | DRLM60-05◇4P◆-K |
| | DRLM28-03B1M◆-K | DRLM60-10◇4P-K |
| | DRLM28G-03B1M◆-K | DRLM60G-05◇4P◆-K |
| | DRLM42-04◇2P◆-K | DRLM60-05B4M◆-K |
| | DRLM42-10◇2P-K | DRLM60G-05B4◆-K |
| <ul style="list-style-type: none"> ▪ “◇” denotes “A” or “B”. ▪ “◆” denotes “N”, “M” or blank. However, "M" is not applicable to DRLM20 and DRLM28 type. | | |

| Driver Model | Motor Model |
|--------------|-------------|
| CVD5B-KR | DHM28PAK |
| CVD5BR-KR | DHM28PAK2 |
| CVD4A-KED | DHM42PAK |
| CVD4AR-KED | |

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