



MATERIAL FACT SHEET

248654 HG-KR43

General Data

Product Hierarchy	IAK30220
	SERVO and Motion
	HG-KR
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	A (Available from Stock)

e-shop: <https://emea.mitsubishielectric.com/fa/shop/material-page/000000000000248654>

FA-Servo-Motion: Servo Motor

Series	MELSERVO-J4
Type	HG-KR
Power Supply (V)	200
Rated Capacity (kW)	0,4
Inertia	LOW INERTIA
Rated Torque (Nm)	1,3
Maximum Torque (Nm)	4,5
Rated Speed (rpm)	3000
Maximum Speed (rpm)	6000
Inertia (kg*cm ²)	0,371
Brake	NO
Shaft Type	STRAIGHT SHAFT
Protection Class	IP65
Current Type	AC
Encoder Type	22-BIT
Encoder Resolution (p/rev)	4194304

Product Dimensions & Weight

Width (mm)	60
Height (mm)	77,1
Depth (mm)	98,3
Weight (kg)	1,4

Logistic Dimensions & Gross Weight

Length (cm)	24,5
Width (cm)	11,0
Height (cm)	9,5
Gross Weight (kg)	1,550
Volume (cdm)	2,560

Stock Data

Planned Delivery Time (Days)	91
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Life Cycle

Sales Start	11.04.2012
Predecessor	161509 / HF-KP43

Additional Product Information

Binding Tariff Information	DEBTI-10612/21-1
BTI validity date	26.09.2024
Battery included	NO

Export Data

Commodity Code	85015100
Legal Control (Dual Use List)	Not Listed
Country of Origin	Japan (JP)

Preference Status (Supplier Declaration)	Non EU
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Environmental

REACH Limit Exceeded	NO
Dangerous Goods Class	NO
Dangerous Goods Identifier	NO
RoHS Compliance	COMPLIANT
WEEE	B2B

Conformity

CE	COMPLIANT
UL/cUL	COMPLIANT
EAC	COMPLIANT
UKCA	COMPLIANT

Documentation & Media Data

Manual URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2f94&q=HG-KR43&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=HG-KR43&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=HG-KR43&doc-lang=en

Product Packaging

Cardboard (g)	110
Other paper (g)	0,4
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	18,8
Wood (g)	0
Glass (g)	0
Others (g)	1

Spare parts

Material	Description	Quantity	Unit
278652	HG-KR/MR-23/43B - 23/43B P-BRACKET	1	PC
278655	HG-KR/MR-23/43 O-BRACKET	1	PC
191182	HF-KP/MP23-43(B) O-RING LOAD SIDE	1	PC
191191	HF-KP/MP23-43(B) O-RING ENCODER SIDE	1	PC
191194	HF-KP/MP23-43(B) PRE LOAD SPRING	1	PC
201570	HC-PQ/HC-MF13-53 BALL BEARING	1	PC
278666	HG-KR/MR 053(B) - 73(B) ENCODER OBA24R	1	PC
278667	HG-KR/MR 053(B) - 73(B) ENCODER LEAD	1	PC
191210	HF-KP/MP23-43(B) ENCODER COVER	1	PC

Compatible products

Material	Description / Price List Text / Classification
160227	MR-PWS1CBL2M-A1-H Power cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, high flex, 2m (motor shaft) Class 100100508: FA-Servo-Motion: Cable
160228	MR-PWS1CBL2M-A2-H Power cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, high flexible, 2m (Encoder) Class 100100508: FA-Servo-Motion: Cable
160230	MR-J3ENCBL2M-A2-H Encoder cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, highflexible, 2m (encoder) Class 100100508: FA-Servo-Motion: Cable
160312	MR-J3ENCBL2M-A1-H Encoder cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, highflex. 2m (motor shaft) Class 100100508: FA-Servo-Motion: Cable
161547	MR-J3ENCBL5M-A1-H Encoder cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, highflex. 5m (motor shaft) Class 100100508: FA-Servo-Motion: Cable
161548	MR-J3ENCBL10M-A1-H Encoder cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, highflex. 10m (motor shaft) Class 100100508: FA-Servo-Motion: Cable
161549	MR-J3ENCBL2M-A1-L Encoder cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, 2m (lead out motor shaft) Class 100100508: FA-Servo-Motion: Cable

Material	Description / Price List Text / Classification
161550	MR-J3ENCBL5M-A1-L Encoder cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, 5m (lead out motor shaft) Class 100100508: FA-Servo-Motion: Cable
161551	MR-J3ENCBL10M-A1-L Encoder cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, 10m (lead out motor shaft) Class 100100508: FA-Servo-Motion: Cable
161552	MR-J3ENCBL5M-A2-H Encoder cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, highflexible, 5m (encoder) Class 100100508: FA-Servo-Motion: Cable
161553	MR-J3ENCBL10M-A2-H Encoder cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, highflexible, 10m (encoder) Class 100100508: FA-Servo-Motion: Cable
161554	MR-J3ENCBL2M-A2-L Encoder cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, 2m (lead out encoder) Class 100100508: FA-Servo-Motion: Cable
161555	MR-J3ENCBL5M-A2-L Encoder cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, 5m (lead out encoder) Class 100100508: FA-Servo-Motion: Cable
161556	MR-J3ENCBL10M-A2-L Encoder cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, 10m (lead out encoder) Class 100100508: FA-Servo-Motion: Cable
161592	MR-PWS1CBL5M-A1-H Power cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, high flex, 5m (motor shaft) Class 100100508: FA-Servo-Motion: Cable
161593	MR-PWS1CBL10M-A1-H Power cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, high flex, 10m (motor shaft) Class 100100508: FA-Servo-Motion: Cable
161594	MR-PWS1CBL2M-A1-L Power cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, 2m (Lead out motor shaft) Class 100100508: FA-Servo-Motion: Cable
161595	MR-PWS1CBL5M-A1-L Power cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, 5m (Lead out motor shaft) Class 100100508: FA-Servo-Motion: Cable
161596	MR-PWS1CBL10M-A1-L Power cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, 10m (Lead out motor shaft) Class 100100508: FA-Servo-Motion: Cable
161597	MR-PWS1CBL5M-A2-H Power cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, high flexible, 5m (Encoder) Class 100100508: FA-Servo-Motion: Cable
161598	MR-PWS1CBL10M-A2-H Power cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, high flexible, 10m (Encoder) Class 100100508: FA-Servo-Motion: Cable
161599	MR-PWS1CBL2M-A2-L Power cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, 2m (Lead out Encoder) Class 100100508: FA-Servo-Motion: Cable
161600	MR-PWS1CBL5M-A2-L Power cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, 5m (Lead out Encoder) Class 100100508: FA-Servo-Motion: Cable
161601	MR-PWS1CBL10M-A2-L Power cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, 10m (Lead out Encoder) Class 100100508: FA-Servo-Motion: Cable
161602	MR-PWS2CBL03M-A1-L Power cable; for HF-KE,-KN,-KP,-MP, HG-KR,-MR, 0.3 m (Lead out motor shaft) Class 100100508: FA-Servo-Motion: Cable
161603	MR-PWS2CBL03M-A2-L Power cable; for HF-KE,-KN,-KP,-MP, HG-KR,-MR, 0.3 m (Lead out Encoder) Class 100100508: FA-Servo-Motion: Cable
210799	MR-PWS3CBL2M-A1-L Power cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, shielded, 2m (motor shaft) Class 100100508: FA-Servo-Motion: Cable
210800	MR-PWS3CBL5M-A1-L Power cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, shielded, 5m (motor shaft) Class 100100508: FA-Servo-Motion: Cable
210801	MR-PWS3CBL10M-A1-L Power cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, shielded, 10m (motor shaft) Class 100100508: FA-Servo-Motion: Cable
210802	MR-PWS3CBL2M-A2-L Power cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, shielded, 2m (Lead Encoder) Class 100100508: FA-Servo-Motion: Cable

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210803	MR-PWS3CBL5M-A2-L Power cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, shielded, 5m (Lead Encoder) Class 100100508: FA-Servo-Motion: Cable
210814	MR-PWS3CBL10M-A2-L Power cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, shielded, 10m (Lead Encoder) Class 100100508: FA-Servo-Motion: Cable
220002	PWS007N-02.0-A2 Power cable; for HF-KN,-KP,-MP, HG-KN,-KR,-MR,shielded, power chain, 2m (Enc.) Class 100100508: FA-Servo-Motion: Cable
220005	PWS007N-05.0-A2 Power cable; for HF-KN,-KP,-MP, HG-KN,-KR,-MR,shielded, power chain, 5m (Enc.) Class 100100508: FA-Servo-Motion: Cable
220007	PWS007N-10.0-A2 Power cable; for HF-KN,-KP,-MP, HG-KN,-KR,-MR,shielded, power chain, 10m (Enc.) Class 100100508: FA-Servo-Motion: Cable
220009	PWS007N-02.0-A1 Power cable; for HF-KN,-KP,-MP, HG-KN,-KR,-MR,shielded, power chain, 2m (shaft) Class 100100508: FA-Servo-Motion: Cable
220010	PWS007N-05.0-A1 Power cable; for HF-KN,-KP,-MP, HG-KN,-KR,-MR,shielded, power chain, 5m (shaft) Class 100100508: FA-Servo-Motion: Cable
220012	PWS007N-10.0-A1 Power cable; for HF-KN,-KP,-MP, HG-KN,-KR,-MR,shielded, power chain,10m (shaft) Class 100100508: FA-Servo-Motion: Cable
493673	MR-PWS1CBL20M-A1-H Power cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, high flex, 20m (motor shaft) Class 100100508: FA-Servo-Motion: Cable