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MATERIAL FACT SHEET

248657 HG-KR13B

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://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000248657

FA-Servo-Motion: Servo Motor

Series	MELSERVO-J4
Type	HG-KR
Power Supply (V)	200
Rated Capacity (kW)	0,1
Inertia	LOW INERTIA
Rated Torque (Nm)	0,32
Maximum Torque (Nm)	1,1
Rated Speed (rpm)	3000
Maximum Speed (rpm)	6000
Inertia (kg*cm2)	0,0837
Brake	YES
Shaft Type	STRAIGHT SHAFT
Protection Class	IP65
Current Type	AC
Encoder Type	22-BIT
Encoder Resolution (p/rev)	4194304

Product Dimensions & Weight

Width (mm)	40
Height (mm)	41,7
Depth (mm)	123
Weight (kg)	0,74

Logistic Dimensions & Gross Weight

Length (cm)	24,5
Width (cm)	11,5
Height (cm)	9,5
Gross Weight (kg)	0,799
Volume (cdm)	2,677

Stock Data

Planned Delivery Time (Days)	72

Life Cycle

Sales Start	11.04.2012
Predecessor	161511 / HF-KP13B

Additional Product Information

Binding Tariff Information	DEBTI-10612/21-1
BTI validity date	26.09.2024

Export Data

Legal Control (Dual Use List)	Not Listed
Country of Origin	Japan (JP)
Preference Status (Supplier Declaration)	Non EU

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=bltdae25c2bd5f2ff94&q=HG-KR13B&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=HG-KR13B&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=HG-KR13B&doc-lang=en

Product Packaging

Cardboard (g)	110
Other paper (g)	35
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	23
Wood (g)	0
Glass (g)	0
Others (g)	0

Spare parts

Material	Description	Quantity	Unit
278651	HG-KR/MR-53/53B - 13/13B P-BRACKET	1	PC
278657	HG-KR/MR-053B/13B O-BRACKET	1	PC
333934	HG-KN13BJ BRAKE	1	PC
191199	HF-KP/MP053-73(B) BRAKE CON. HOUSING	1	PC
191200	HF-KP/MP053-73(B) CONTACTOR BRAKE CON	2	PC
278663	HG-KR/MR-053B - 13B BRAKE KEY	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
191209	HF-KP/MP053-13(B) ENCODER COVER	1	PC

Compatible products

Material	Description / Price List Text / Classification
154367	MR-J3JCBL03M-A2-L Encodercable; for HF-KN,-KP,-MP, HG-KR,-MR, 0.3m (lead out encoder), IP20 Class 100100508: FA-Servo-Motion: Cable
160226	MR-J3ENSCBL2M-H Encodercable; for HC-RP, HF-SN/SP/JP, HG-SN/SR, HK-KT/RT/ST; high flex.,2m, IP67 Class 100100508: FA-Servo-Motion: Cable
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 Encodercable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, highflexible, 2m (encoder) Class 100100508: FA-Servo-Motion: Cable
160311	MR-BKS1CBL2M-A2-H Brake cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, high flexible, 2m (Encoder) Class 100100508: FA-Servo-Motion: Cable
160312	MR-J3ENCBL2M-A1-H Encodercable; 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 Encodercable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, highflex. 5m (motor shaft) Class 100100508: FA-Servo-Motion: Cable

Material	Description / Price List Text / Classification
161548	MR-J3ENCBL10M-A1-H Encodercable; 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 Encodercable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, 2m (lead out motor shaft) Class 100100508: FA-Servo-Motion: Cable
161550	MR-J3ENCBL5M-A1-L Encodercable; 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 Encodercable; 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 Encodercable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, highflexible, 5m (encoder) Class 100100508: FA-Servo-Motion: Cable
161553	MR-J3ENCBL10M-A2-H Encodercable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, highflexible, 10m (encoder) Class 100100508: FA-Servo-Motion: Cable
161554	MR-J3ENCBL2M-A2-L Encodercable; 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 Encodercable; 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 Encodercable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, 10m (lead out encoder) Class 100100508: FA-Servo-Motion: Cable
161557	MR-J3JCBL03M-A1-L Encodercable; for HF-KN,-KP,-MP, HG-KR,-MR, 0.3m (lead out motor shaft), IP20 Class 100100508: FA-Servo-Motion: Cable
161559	MR-EKCBL20M-H Encodercable; for HF-KE,-KN,-KP,-MP, HG-KR,-MR, high-flex 20m (motor shaft) Class 100100508: FA-Servo-Motion: Cable
161560	MR-EKCBL30M-H Encodercable; for HF-KE,-KN,-KP,-MP, HG-KR,-MR, high-flex 30m (motor shaft) Class 100100508: FA-Servo-Motion: Cable
161561	MR-EKCBL20M-L Encodercable; for HF-KE,-KN,-KP,-MP, HG-KR,-MR, 20m (lead out encoder) Class 100100508: FA-Servo-Motion: Cable
161562	MR-EKCBL30M-L Encodercable; for HF-KE,-KN,-KP,-MP, HG-KR,-MR, 30m (lead out encoder) Class 100100508: FA-Servo-Motion: Cable
161563	MR-J3ENSCBL5M-H Encodercable; for HC-RP, HF-SN/SP/JP, HG-SN/SR, HK-KT/RT/ST; high flex.,5m, IP67 Class 100100508: FA-Servo-Motion: Cable
161564	MR-J3ENSCBL10M-H Encodercable; for HC-RP, HF-SN/SP/JP, HG-SN/SR, HK-KT/RT/ST; high flex.,10m,IP67 Class 100100508: FA-Servo-Motion: Cable
161565	MR-J3ENSCBL20M-H Encodercable; for HC-RP, HF-SN,-SP,-JP, HG-SN,-SR, highflexible, 20m, IP67 Class 100100508: FA-Servo-Motion: Cable
161566	MR-J3ENSCBL30M-H Encodercable; for HC-RP, HF-SN,-SP,-JP, HG-SN,-SR, highflexible, 30m, IP67 Class 100100508: FA-Servo-Motion: Cable
161567	MR-J3ENSCBL2M-L Encodercable; for HC-RP, HF-SN/SP/JP, HG-SN/SR, HK-KT/RT/ST; 2m, IP67 Class 100100508: FA-Servo-Motion: Cable
161568	MR-J3ENSCBL5M-L Encodercable; for HC-RP, HF-SN/SP/JP, HG-SN/SR, HK-KT/RT/ST; 5m, IP67 Class 100100508: FA-Servo-Motion: Cable
161569	MR-J3ENSCBL10M-L Encodercable; for HC-RP, HF-SN/SP/JP, HG-SN/SR, HK-KT/RT/ST; 10m, IP67 Class 100100508: FA-Servo-Motion: Cable
161570	MR-J3ENSCBL20M-L Encodercable; for HC-RP, HF-SN,-SP,-JP, HG-SN,-SR, 20m, IP67 Class 100100508: FA-Servo-Motion: Cable
161571	MR-J3ENSCBL30M-L Encodercable; for HC-RP, HF-SN,-SP,-JP, HG-SN,-SR, 30m, IP67 Class 100100508: FA-Servo-Motion: Cable

Material	Description / Price List Text / Classification
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
161604	MR-BKS1CBL2M-A1-H Brake cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, high flexible,2m(motor shaft) Class 100100508: FA-Servo-Motion: Cable
161605	MR-BKS1CBL5M-A1-H Brake cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, high flexible,5m(motor shaft) Class 100100508: FA-Servo-Motion: Cable
161606	MR-BKS1CBL10M-A1-H Brake cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR,high flexible,10m(motor shaft) Class 100100508: FA-Servo-Motion: Cable
161607	MR-BKS1CBL2M-A1-L Brake cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, 2m (Lead out motor shaft) Class 100100508: FA-Servo-Motion: Cable
161608	MR-BKS1CBL5M-A1-L Brake cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, 5m (Lead out motor shaft) Class 100100508: FA-Servo-Motion: Cable
161609	MR-BKS1CBL10M-A1-L Brake cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, 10m (Lead out motor shaft) Class 100100508: FA-Servo-Motion: Cable
161610	MR-BKS1CBL5M-A2-H Brake cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, high flexible, 5m (Encoder) Class 100100508: FA-Servo-Motion: Cable
161611	MR-BKS1CBL10M-A2-H Brake cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, high flexible, 10m (Encoder) Class 100100508: FA-Servo-Motion: Cable
161612	MR-BKS1CBL2M-A2-L Brake cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, 2m (Lead out Encoder) Class 100100508: FA-Servo-Motion: Cable
161613	MR-BKS1CBL5M-A2-L Brake cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, 5m (Lead out Encoder) Class 100100508: FA-Servo-Motion: Cable
161614	MR-BKS1CBL10M-A2-L Brake cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, 10m (Lead out Encoder) Class 100100508: FA-Servo-Motion: Cable

Material	Description / Price List Text / Classification
161615	MR-BKS2CBL03M-A1-L Brake cable; for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR, 0,3 m (Lead out motor shaft) Class 100100508: FA-Servo-Motion: Cable
161616	MR-BKS2CBL03M-A2-L Brake cable; for HF-KE,-KN,-KP,-MP, HG-KN,-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
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
229788	MR-EKCBL50M-H Encodercable; for HF-KP(B)/HF-MP(B), high-flex 50m (lead out motor shaft), IP20 Class 100100508: FA-Servo-Motion: Cable
239651	MR-J3JSCBL03M-A1-L Encodercable; for HF-KE,-KN,-KP,-MP, HG-KR,-MR, 0.3m (motor shaft), IP65 Class 100100508: FA-Servo-Motion: Cable
239652	MR-J3JSCBL03M-A2-L Encodercable; for HF-KE,-KN,-KP,-MP, HG-KR,-MR, 0.3m (lead out encoder), IP65 Class 100100508: FA-Servo-Motion: Cable
244812	MR-J3ENSCBL50M-H Encodercable; for HC-RP, HF-SN,-SP,-JP, HG-SN,-SR, highflexible, 50m, IP67 Class 100100508: FA-Servo-Motion: Cable
246915	MR-EKCBL5M-H Encodercable; high-flex, 5m, IP20 Class 100100508: FA-Servo-Motion: Cable
269075	MR-EKCBL40M-H Class 100100508: FA-Servo-Motion: Cable
269076	MR-J3ENSCBL40M-H Encodercable; for HC-RP, HF-SN,-SP,-JP, HG-SN,-SR, highflexible, 40m, IP67 Class 100100508: FA-Servo-Motion: Cable
482030	MR-EKCBL2M-H Encoder cable; Highflexible; 2 m; IP20; 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