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MATERIAL FACT SHEET

493381 HG-KNS73K

General Data

Product Hierarchy	IAK30226
	SERVO and Motion
	HG-KN
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	B (Limited Availability from Stock)

e-shop: https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000493381

FA-Servo-Motion: Servo Motor

Series	MELSERVO-JET
Type	HG-KNS
Power Supply (V)	200
Rated Capacity (kW)	0,75
Inertia	LOW INERTIA
Rated Torque (Nm)	2,4
Maximum Torque (Nm)	7,2
Rated Speed (rpm)	3000
Maximum Speed (rpm)	6000
Inertia (kg*cm2)	1,28
Brake	NO
Shaft Type	KEYWAY
Protection Class	IP65
Current Type	AC
Encoder Type	22-BIT
Encoder Resolution (p/rev)	4194304

Product Dimensions & Weight

Width (mm)	80
Height (mm)	96
Depth (mm)	152
Weight (kg)	2,8

Logistic Dimensions & Gross Weight

Length (cm)	31,0
Width (cm)	10,0
Height (cm)	17,0
Gross Weight (kg)	2,894
Volume (cdm)	5,270

Stock Data

Planned Delivery Time (Days)	100

Life Cycle

Sales Start	08.11.2019
Predecessor	No Predecessor

Additional Product Information

Difference to Standard 1	KEYWAY SHAFT
Battery included	NO

Export Data

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

Environmental

Dangerous Goods Class	NO
Dangerous Goods Identifier	NO
RoHS Compliance	COMPLIANT
WEEE	B2B

Conformity

CE	COMPLIANT
UKCA	COMPLIANT

Documentation & Media Data

Manual URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2ff94&q=HG-KNS73K&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=HG-KNS73K&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=HG-KNS73K&doc-lang=en

Product Packaging

Cardboard (g)	300
Other paper (g)	36
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	22
Wood (g)	0
Glass (g)	0
Others (g)	0

Spare parts

Material	Description	Quantity	Unit
201571	HC-MF(S)/KF(S)/HF-KP/MP73(B)73 BEARING	1	PC
191206	HF-KP/MP73(B) BEARING 6201ZD ENC. SIDE	1	PC
278666	HG-KR/MR 053(B) - 73(B) ENCODER OBA24R	1	PC
191211	HF-KP/MP73(B) ENCODER COVER	1	PC
278653	HG-KR/MR-73/73B P-BRACKET	1	PC
278656	HG-KR/MR-73 80 O-BRACKET	1	PC
278660	HG-KR/MR-053B - 13B BRAKE	1	PC
278667	HG-KR/MR 053(B) - 73(B) ENCODER LEAD	1	PC
191183	HF-KP/MP73(B) O-RING LOAD SIDE	1	PC
191192	HF-KP/MP73(B) O-RING ENCODER SIDE	1	PC

Compatible products

Material	Description / Price List Text / Classification
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
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
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

Material	Description / Price List Text / Classification
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
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
161572	MR-ECNM Encoder-connector-set for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR motor types Class 100100509: FA-Servo-Motion: Connector
161576	MR-J3SCNS Encoder-Connector-Set for HF-SE/SN/SP/JP, HG-JR/SN/SR, HK-ST/RT motor,(Straight) Class 100100509: FA-Servo-Motion: Connector
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

Material	Description / Price List Text / Classification
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
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
244812	MR-J3ENSCBL50M-H Encodercable; for HC-RP, HF-SN,-SP,-JP, HG-SN,-SR, highflexible, 50m, IP67 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
497947	MR-BT6V4CBL03M Erweiterungskabel für MR-BAT6V1SET-B; 0,3m Class 100100508: FA-Servo-Motion: Cable
497948	MR-BAT6V1SET-B MR-JET Battery-Set incl. MR-BAT6V1 Class 100100511: FA-Servo-Motion: Spare Part
497948	MR-BAT6V1SET-B MR-JET Battery-Set incl. MR-BAT6V1 Class 100101303: FA-OTHERS: Battery