



MATERIAL FACT SHEET

481646 HK-KT103WB

General Data

Product Hierarchy	IAK30230
	SERVO and Motion
	HK-KT
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/000000000000481646

FA-Servo-Motion: Servo Motor

Series	MELSERVO-J5
Type	HK-KT
Power Supply (V)	200
Rated Capacity (kW)	1
Inertia	LOW INERTIA
Rated Torque (Nm)	3,2
Maximum Torque (Nm)	11,1
Rated Speed (rpm)	3000
Maximum Speed (rpm)	6500
Inertia (kg*cm2)	1,81
Brake	YES
Shaft Type	STRAIGHT SHAFT
Protection Class	IP67
Current Type	AC
Encoder Type	26-BIT
Encoder Resolution (p/rev)	67108864

Product Dimensions & Weight

Width (mm)	80
Height (mm)	96,6
Depth (mm)	177
Weight (kg)	3,1

Logistic Dimensions & Gross Weight

Length (cm)	31,0
Width (cm)	10,0
Height (cm)	16,0
Gross Weight (kg)	3,300
Volume (cdm)	4,960

Stock Data

Planned Delivery Time (Days)	72
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Life Cycle

Sales Start	24.06.2019
Predecessor	No Predecessor

Additional Product Information

Binding Tariff Information	DEBTI-10616/21-1
BTI validity date	26.09.2024
Battery included	NO

Export Data

Commodity Code	85015220
Legal Control (Dual Use List)	Not Listed
Country of Origin	Japan (JP)

Preference Status (Supplier Declaration)	Non EU
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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=HK-KT103WB&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=HK-KT103WB&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=HK-KT103WB&doc-lang=en

Product Packaging

Cardboard (g)	300
Other paper (g)	0,5
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	6,9
Wood (g)	0
Glass (g)	0
Others (g)	1

Spare parts

Material	Description	Quantity	Unit
686736	HK-KT434WB ENCODER	1	PC

Compatible products

Material	Description / Price List Text / Classification
161572	MR-ECNM Encoder-connector-set for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR motor types Class 100100509: FA-Servo-Motion: Connector
481988	MR-AEPB2CBL2M-A1-H Motor cable for HK-KT; Load-side; Highflexible; 2 m, IP65; Brake wires;Dual Class 100100508: FA-Servo-Motion: Cable
481989	MR-AEPB2CBL5M-A1-H Motor cable for HK-KT; Load-side; Highflexible; 5 m, IP65; Brake wires;Dual Class 100100508: FA-Servo-Motion: Cable
481990	MR-AEPB2CBL10M-A1-H Motor cable for HK-KT; Load-side; Highflexible; 10 m, IP65; Brake wires;Dual Class 100100508: FA-Servo-Motion: Cable
481991	MR-AEPB2CBL2M-A1-L Motor cable for HK-KT; Load-side; Standard; 2 m, IP65; Brake wires;Dual Class 100100508: FA-Servo-Motion: Cable
481992	MR-AEPB2CBL5M-A1-L Motor cable for HK-KT; Load-side; Standard; 5 m, IP65; Brake wires;Dual Class 100100508: FA-Servo-Motion: Cable
481993	MR-AEPB2CBL10M-A1-L Motor cable for HK-KT; Load-side; Standard; 10 m, IP65; Brake wires;Dual Class 100100508: FA-Servo-Motion: Cable
481994	MR-AEPB2CBL2M-A2-H Motor cable for HK-KT; Opposite Load-side; Highflexible; 2 m; Brake wires; Dual Class 100100508: FA-Servo-Motion: Cable
481995	MR-AEPB2CBL5M-A2-H Motor cable for HK-KT; Opposite Load-side; Highflexible; 5 m; Brake wires; Dual Class 100100508: FA-Servo-Motion: Cable
481996	MR-AEPB2CBL10M-A2-H Motor cable for HK-KT; Opposite Load-side; Highflexible; 10m; Brake wires; Dual Class 100100508: FA-Servo-Motion: Cable
481997	MR-AEPB2CBL2M-A2-L Motor cable for HK-KT; Opposite Load-side; Standard; 2 m; Brake wires; Dual Class 100100508: FA-Servo-Motion: Cable

Material	Description / Price List Text / Classification
481998	MR-AEPB2CBL5M-A2-L Motor cable for HK-KT; Opposite Load-side; Standard; 5 m; Brake wires; Dual Class 100100508: FA-Servo-Motion: Cable
481999	MR-AEPB2CBL10M-A2-L Motor cable for HK-KT; Opposite Load-side; Standard; 10m; Brake wires; Dual Class 100100508: FA-Servo-Motion: Cable
482054	MR-AEPB2J10CBL03M-A1-L Motor cable for HK-KT; Load-side; Standard; 0,3 m, IP20; Brake wires; Dual Class 100100508: FA-Servo-Motion: Cable
482055	MR-AEPB2J10CBL03M-A2-L Motor cable for HK-KT; Opposite Load-side; Standard; 0,3 m, IP20; Brake; Dual Class 100100508: FA-Servo-Motion: Cable
482056	MR-AEKCBL20M-H Encoder cable for HK-KT; Highflexible; 20 m; IP20; Class 100100508: FA-Servo-Motion: Cable
482057	MR-AEKCBL30M-H Encoder cable for HK-KT; Highflexible; 30 m; IP20; Class 100100508: FA-Servo-Motion: Cable
482058	MR-AEKCBL40M-H Encoder cable for HK-KT; Highflexible; 40 m; IP20; Class 100100508: FA-Servo-Motion: Cable
482059	MR-AEKCBL50M-H Encoder cable for HK-KT; Highflexible; 50 m; IP20; Class 100100508: FA-Servo-Motion: Cable
482060	MR-AEKCBL20M-L Encoder cable for HK-KT; Standard; 20 m; IP20; Class 100100508: FA-Servo-Motion: Cable
482061	MR-AEKCBL30M-L Encoder cable for HK-KT; Standard; 30 m; IP20; Class 100100508: FA-Servo-Motion: Cable
597932	PFS010B-02.0-A1-L Power Feedback Single cable for HK-KT; 1mm²; Brake; 2.0m; A1; Standard Class 100100508: FA-Servo-Motion: Cable
597935	PFS010B-05.0-A1-L Power Feedback Single cable for HK-KT; 1mm²; Brake; 5.0m; A1; Standard Class 100100508: FA-Servo-Motion: Cable
597940	PFS010B-10.0-A1-L Power Feedback Single cable for HK-KT; 1mm²; Brake; 10.0m; A1; Standard Class 100100508: FA-Servo-Motion: Cable
597946	PFS010B-02.0-A1-H Power Feedback Single cable for HK-KT; 1mm²; Brake; 2.0m; A1; High flexible Class 100100508: FA-Servo-Motion: Cable
597949	PFS010B-05.0-A1-H Power Feedback Single cable for HK-KT; 1mm²; Brake; 5.0m; A1; High flexible Class 100100508: FA-Servo-Motion: Cable
597954	PFS010B-10.0-A1-H Power Feedback Single cable for HK-KT; 1mm²; Brake; 10.0m; A1; High flexible Class 100100508: FA-Servo-Motion: Cable
597960	PFS010N-02.0-A1-L Power Feedback Single cable for HK-KT; 1mm²; Normal; 2.0m; A1; Standard Class 100100508: FA-Servo-Motion: Cable
597963	PFS010N-05.0-A1-L Power Feedback Single cable for HK-KT; 1mm²; Normal; 5.0m; A1; Standard Class 100100508: FA-Servo-Motion: Cable
597968	PFS010N-10.0-A1-L Power Feedback Single cable for HK-KT; 1mm²; Normal; 10.0m; A1; Standard Class 100100508: FA-Servo-Motion: Cable
597974	PFS010N-02.0-A1-H Power Feedback Single cable for HK-KT; 1mm²; Normal; 2.0m; A1; High flexible Class 100100508: FA-Servo-Motion: Cable
597977	PFS010N-05.0-A1-H Power Feedback Single cable for HK-KT; 1mm²; Normal; 5.0m; A1; High flexible Class 100100508: FA-Servo-Motion: Cable
597982	PFS010N-10.0-A1-H Power Feedback Single cable for HK-KT; 1mm²; Normal; 10.0m; A1; High flexible Class 100100508: FA-Servo-Motion: Cable
597988	PFS010B-02.0-A2-L Power Feedback Single cable for HK-KT; 1mm²; Brake; 2.0m; A2; Standard Class 100100508: FA-Servo-Motion: Cable

Material	Description / Price List Text / Classification
597991	PFS010B-05.0-A2-L Power Feedback Single cable for HK-KT; 1mm²; Brake; 5.0m; A2; Standard Class 100100508: FA-Servo-Motion: Cable
597996	PFS010B-10.0-A2-L Power Feedback Single cable for HK-KT; 1mm²; Brake; 10.0m; A2; Standard Class 100100508: FA-Servo-Motion: Cable
598002	PFS010B-02.0-A2-H Power Feedback Single cable for HK-KT; 1mm²; Brake; 2.0m; A2; High flexible Class 100100508: FA-Servo-Motion: Cable
598005	PFS010B-05.0-A2-H Power Feedback Single cable for HK-KT; 1mm²; Brake; 5.0m; A2; High flexible Class 100100508: FA-Servo-Motion: Cable
598010	PFS010B-10.0-A2-H Power Feedback Single cable for HK-KT; 1mm²; Brake; 10.0m; A2; High flexible Class 100100508: FA-Servo-Motion: Cable
598016	PFS010N-02.0-A2-L Power Feedback Single cable for HK-KT; 1mm²; Normal; 2.0m; A2; Standard Class 100100508: FA-Servo-Motion: Cable
598019	PFS010N-05.0-A2-L Power Feedback Single cable for HK-KT; 1mm²; Normal; 5.0m; A2; Standard Class 100100508: FA-Servo-Motion: Cable
598024	PFS010N-10.0-A2-L Power Feedback Single cable for HK-KT; 1mm²; Normal; 10.0m; A2; Standard Class 100100508: FA-Servo-Motion: Cable
598030	PFS010N-02.0-A2-H Power Feedback Single cable for HK-KT; 1mm²; Normal; 2.0m; A2; High flexible Class 100100508: FA-Servo-Motion: Cable
598033	PFS010N-05.0-A2-H Power Feedback Single cable for HK-KT; 1mm²; Normal; 5.0m; A2; High flexible Class 100100508: FA-Servo-Motion: Cable
598038	PFS010N-10.0-A2-H Power Feedback Single cable for HK-KT; 1mm²; Normal; 10.0m; A2; High flexible Class 100100508: FA-Servo-Motion: Cable