



MATERIAL FACT SHEET

481648 HK-KT103UWB

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/000000000000481648

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)	6000
Inertia (kg*cm2)	3,08
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)	90
Height (mm)	106,6
Depth (mm)	160
Weight (kg)	3,8

Logistic Dimensions & Gross Weight

Length (cm)	33,0
Width (cm)	20,0
Height (cm)	23,0
Gross Weight (kg)	3,882
Volume (cdm)	15,180

Stock Data

Planned Delivery Time (Days)	100
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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

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=HK-KT103UWB&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=HK-KT103UWB&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=HK-KT103UWB&doc-lang=en

Product Packaging

Cardboard (g)	760
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