



MATERIAL FACT SHEET

481640 HK-KT23WB

General Data

Product Hierarchy	IAK30230
	SERVO and Motion
	HK-KT
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	A (Available from Stock)

e-shop: <https://emea.mitsubishielectric.com/fa/shop/material-page/000000000000481640>

FA-Servo-Motion: Servo Motor

Series	MELSERVO-J5
Type	HK-KT
Power Supply (V)	200
Rated Capacity (kW)	0,2
Inertia	LOW INERTIA
Rated Torque (Nm)	0,64
Maximum Torque (Nm)	2,2
Rated Speed (rpm)	3000
Maximum Speed (rpm)	6700
Inertia (kg*cm ²)	0,254
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)	60
Height (mm)	76,6
Depth (mm)	132,1
Weight (kg)	1,2

Logistic Dimensions & Gross Weight

Length (cm)	11,0
Width (cm)	24,0
Height (cm)	9,0
Gross Weight (kg)	1,360
Volume (cdm)	2,376

Stock Data

Planned Delivery Time (Days)	119
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Life Cycle

Sales Start	24.06.2019
Predecessor	No Predecessor

Additional Product Information

Binding Tariff Information	DEBTI-10870/26-1
BTI validity date	14.05.2029

Export Data

Commodity Code	85015100
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
EAC	COMPLIANT
UKCA	COMPLIANT

Documentation & Media Data

Manual URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2ff94&q=HK-KT23WB&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=HK-KT23WB&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=HK-KT23WB&doc-lang=en

Product Packaging

Cardboard (g)	200
Other paper (g)	0,4
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	6,6
Wood (g)	0
Glass (g)	0
Others (g)	1

Spare parts

Material	Description	Quantity	Unit
686736	HK-KT434WB ENCODER	1	PC
721341	HK-KT053W(B)-2024W(B) ENCODER COVER	1	PC
721331	HK-KT MOTOR BRACKET P-BR (KT 60)	1	PC
686735	HK-KT434WB CAP KT60	1	PC
686737	HK-KT434WB BRAKE	1	PC
191194	HF-KP/MP23-43(B) PRE LOAD SPRING	1	PC
686738	HK-KT434WB O-RING P/O COVER	1	PC
721347	HK-KT053W(B)-2024W(B) CONNECTOR	1	PC
721348	HK-KT053W(B)-2024W(B) CONNECTOR	1	PC
721349	HK-KT053W(B)-2024W(B) COVER POWER SUPPLY	1	PC
686740	HK-KT434WB CONTACT FOR BRAKE	1	PC
721334	HK-KT053W(B)-2024W(B) BEARING	1	PC
721336	HK-KT053W(B)-2024W(B) BEARING	1	PC
721344	HK-KT053W(B)-2024W(B) SHELTER COVER	1	PC
765479	HK-KT BRACKET O-BR (KT B 60)	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

Material	Description / Price List Text / Classification
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
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; 1mm ² ; Brake; 2.0m; A1; Standard Class 100100508: FA-Servo-Motion: Cable
597935	PFS010B-05.0-A1-L Power Feedback Single cable for HK-KT; 1mm ² ; Brake; 5.0m; A1; Standard Class 100100508: FA-Servo-Motion: Cable
597940	PFS010B-10.0-A1-L Power Feedback Single cable for HK-KT; 1mm ² ; Brake; 10.0m; A1; Standard Class 100100508: FA-Servo-Motion: Cable
597946	PFS010B-02.0-A1-H Power Feedback Single cable for HK-KT; 1mm ² ; 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; 1mm ² ; 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; 1mm ² ; 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; 1mm ² ; Normal; 2.0m; A1; Standard Class 100100508: FA-Servo-Motion: Cable
597963	PFS010N-05.0-A1-L Power Feedback Single cable for HK-KT; 1mm ² ; Normal; 5.0m; A1; Standard Class 100100508: FA-Servo-Motion: Cable

Material	Description / Price List Text / Classification
597968	PFS010N-10.0-A1-L Power Feedback Single cable for HK-KT; 1mm ² ; Normal; 10.0m; A1; Standard Class 100100508: FA-Servo-Motion: Cable
597974	PFS010N-02.0-A1-H Power Feedback Single cable for HK-KT; 1mm ² ; 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; 1mm ² ; 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; 1mm ² ; 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; 1mm ² ; Brake; 2.0m; A2; Standard Class 100100508: FA-Servo-Motion: Cable
597991	PFS010B-05.0-A2-L Power Feedback Single cable for HK-KT; 1mm ² ; Brake; 5.0m; A2; Standard Class 100100508: FA-Servo-Motion: Cable
597996	PFS010B-10.0-A2-L Power Feedback Single cable for HK-KT; 1mm ² ; Brake; 10.0m; A2; Standard Class 100100508: FA-Servo-Motion: Cable
598002	PFS010B-02.0-A2-H Power Feedback Single cable for HK-KT; 1mm ² ; 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; 1mm ² ; 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; 1mm ² ; 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; 1mm ² ; Normal; 2.0m; A2; Standard Class 100100508: FA-Servo-Motion: Cable
598019	PFS010N-05.0-A2-L Power Feedback Single cable for HK-KT; 1mm ² ; Normal; 5.0m; A2; Standard Class 100100508: FA-Servo-Motion: Cable
598024	PFS010N-10.0-A2-L Power Feedback Single cable for HK-KT; 1mm ² ; Normal; 10.0m; A2; Standard Class 100100508: FA-Servo-Motion: Cable
598030	PFS010N-02.0-A2-H Power Feedback Single cable for HK-KT; 1mm ² ; 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; 1mm ² ; 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; 1mm ² ; Normal; 10.0m; A2; High flexible Class 100100508: FA-Servo-Motion: Cable