



MATERIAL FACT SHEET

582277 HK-RT153WB

General Data

Product Hierarchy	IAK30234
	SERVO and Motion
	HK-RT
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	C (Non-Stock Material / Make-to-Order)

e-shop: https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000582277

FA-Servo-Motion: Servo Motor

Series	MELSERVO-J5
Type	HK-RT
Power Supply (V)	200
Rated Capacity (kW)	1,5
Inertia	ULTRA-LOW INERTIA
Rated Torque (Nm)	4,8
Maximum Torque (Nm)	11,9
Rated Speed (rpm)	3000
Maximum Speed (rpm)	6700
Inertia (kg*cm ²)	1,25
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)	216,3
Weight (kg)	5,5

Logistic Dimensions & Gross Weight

Length (cm)	33,0
Width (cm)	19,0
Height (cm)	23,0
Gross Weight (kg)	6,100
Volume (cdm)	14,421

Stock Data

Planned Delivery Time (Days)	100
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Life Cycle

Predecessor	No Predecessor
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Additional Product Information

Battery included	NO
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Export Data

Commodity Code	85015220
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=bltdae25c2bd5f2f94&q=HK-RT153WB&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=HK-RT153WB&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=HK-RT153WB&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

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
192174	MR-J3CN2 Encoder-connector-set (for CN2L) Class 100100509: FA-Servo-Motion: Connector
481664	MR-AEPB1CBL5M-A1-H Motor cable for HK-KT; Load-side; Highflexible; 5 m, IP65; Brake wires Class 100100508: FA-Servo-Motion: Cable
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
482019	MR-AEPB1CBL2M-A1-H Motor cable for HK-KT; Load-side; Highflexible; 2 m, IP65; Brake wires Class 100100508: FA-Servo-Motion: Cable
482020	MR-AEPB1CBL10M-A1-H Motor cable for HK-KT; Load-side; Highflexible; 10 m, IP65; Brake wires Class 100100508: FA-Servo-Motion: Cable
482021	MR-AEPB1CBL2M-A1-L Motor cable for HK-KT; Load-side; Standard; 2 m, IP65; Brake wires Class 100100508: FA-Servo-Motion: Cable
482022	MR-AEPB1CBL5M-A1-L Motor cable for HK-KT; Load-side; Standard; 5 m, IP65; Brake wires Class 100100508: FA-Servo-Motion: Cable
482023	MR-AEPB1CBL10M-A1-L Motor cable for HK-KT; Load-side; Standard; 10 m, IP65; Brake wires Class 100100508: FA-Servo-Motion: Cable
482024	MR-AEPB1CBL2M-A2-H Motor cable for HK-KT; Opposite Load-side; Highflexible; 2 m, IP65; Brake wires Class 100100508: FA-Servo-Motion: Cable
482025	MR-AEPB1CBL5M-A2-H Motor cable for HK-KT; Opposite Load-side; Highflexible; 5 m, IP65; Brake wires Class 100100508: FA-Servo-Motion: Cable
482026	MR-AEPB1CBL10M-A2-H Motor cable for HK-KT; Opposite Load-side; Highflexible; 10 m, IP65; Brake wires Class 100100508: FA-Servo-Motion: Cable
482027	MR-AEPB1CBL2M-A2-L Motor cable for HK-KT; Opposite Load-side; Standard; 2 m, IP65; Brake wires Class 100100508: FA-Servo-Motion: Cable
482028	MR-AEPB1CBL5M-A2-L Motor cable for HK-KT; Opposite Load-side; Standard; 5 m, IP65; Brake wires Class 100100508: FA-Servo-Motion: Cable
482029	MR-AEPB1CBL10M-A2-L Motor cable for HK-KT; Opposite Load-side; Standard; 10 m, IP65; Brake wires 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
482077	MR-AEPB2J20CBL03M-A1-L Motor cable for HK-KT; Load-side; Standard; 0,3 m, IP65; Brake wires; Dual Class 100100508: FA-Servo-Motion: Cable
482078	MR-AEPB2J20CBL03M-A2-L Motor cable for HK-KT; Opposite Load-side; Standard; 0,3 m; IP65; Brake; Dual Class 100100508: FA-Servo-Motion: Cable

Material	Description / Price List Text / Classification
609638	MR-AEPB2CBL2M-A5-H Motor cable for HK-KT/HK-MT/HK-RT103(4)/153(4)/203(4)WB; hi-flex; 2m, IP65 Class 100100508: FA-Servo-Motion: Cable
609639	MR-AEPB2CBL5M-A5-H Motor cable for HK-KT/HK-MT/HK-RT103(4)/153(4)/203(4)WB; hi-flex; 5m, IP65 Class 100100508: FA-Servo-Motion: Cable
609640	MR-AEPB2CBL10M-A5-H Motor cable for HK-KT/HK-MT/HK-RT103(4)/153(4)/203(4)WB; hi-flex; 10m, IP65 Class 100100508: FA-Servo-Motion: Cable
609641	MR-AEPB2CBL2M-A5-L Motor cable for HK-KT/HK-MT/HK-RT103(4)/153(4)/203(4)WB; Standard; 2m, IP65 Class 100100508: FA-Servo-Motion: Cable
609642	MR-AEPB2CBL5M-A5-L Motor cable for HK-KT/HK-MT/HK-RT103(4)/153(4)/203(4)WB; Standard; 5m, IP65 Class 100100508: FA-Servo-Motion: Cable
609643	MR-AEPB2CBL10M-A5-L Motor cable for HK-KT/HK-MT/HK-RT103(4)/153(4)/203(4)WB; Standard; 10m, IP65 Class 100100508: FA-Servo-Motion: Cable
609649	MR-AEPB1CBL2M-A5-H Motor cable for HK-KT/HK-MT/HK-RT103(4)/153(4)/203(4)WB; hi-flex; 2m, IP65 Class 100100508: FA-Servo-Motion: Cable
609650	MR-AEPB1CBL5M-A5-H Motor cable for HK-KT/HK-MT/HK-RT103(4)/153(4)/203(4)WB; hi-flex; 5m, IP65 Class 100100508: FA-Servo-Motion: Cable
609651	MR-AEPB1CBL10M-A5-H Motor cable for HK-KT/HK-MT/HK-RT103(4)/153(4)/203(4)WB; hi-flex; 10m, IP65 Class 100100508: FA-Servo-Motion: Cable
609652	MR-AEPB1CBL2M-A5-L Motor cable for HK-KT/HK-MT/HK-RT103(4)/153(4)/203(4)WB; Standard; 2m, IP65 Class 100100508: FA-Servo-Motion: Cable
609653	MR-AEPB1CBL5M-A5-L Motor cable for HK-KT/HK-MT/HK-RT103(4)/153(4)/203(4)WB; Standard; 5m, IP65 Class 100100508: FA-Servo-Motion: Cable
609654	MR-AEPB1CBL10M-A5-L Motor cable for HK-KT/HK-MT/HK-RT103(4)/153(4)/203(4)WB; Standard; 10m, IP65 Class 100100508: FA-Servo-Motion: Cable