



MATERIAL FACT SHEET

582273 HK-RT353W

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/000000000000582273

FA-Servo-Motion: Servo Motor

Series	MELSERVO-J5
Type	HK-RT
Power Supply (V)	200
Rated Capacity (kW)	3,5
Inertia	ULTRA-LOW INERTIA
Rated Torque (Nm)	11,1
Maximum Torque (Nm)	27,9
Rated Speed (rpm)	3000
Maximum Speed (rpm)	6000
Inertia (kg*cm ²)	4,44
Brake	NO
Shaft Type	STRAIGHT SHAFT
Protection Class	IP67
Current Type	AC
Encoder Type	26-BIT
Encoder Resolution (p/rev)	67108864

Product Dimensions & Weight

Width (mm)	130
Height (mm)	182,8
Depth (mm)	268
Weight (kg)	13

Logistic Dimensions & Gross Weight

Length (cm)	52,0
Width (cm)	17,0
Height (cm)	24,0
Gross Weight (kg)	14,200
Volume (cdm)	21,216

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=bltdae25c2bd5f2ff94&q=HK-RT353W&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=HK-RT353W&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=HK-RT353W&doc-lang=en

Product Packaging

Cardboard (g)	1170
Other paper (g)	0
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	6,7
Wood (g)	0
Glass (g)	0
Others (g)	1

Compatible products

Material	Description / Price List Text / Classification
160226	MR-J3ENCBL2M-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
161563	MR-J3ENCBL5M-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-J3ENCBL10M-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-J3ENCBL20M-H Encodercable; for HC-RP, HF-SN,-SP,-JP, HG-SN,-SR, highflexible, 20m, IP67 Class 100100508: FA-Servo-Motion: Cable
161566	MR-J3ENCBL30M-H Encodercable; for HC-RP, HF-SN,-SP,-JP, HG-SN,-SR, highflexible, 30m, IP67 Class 100100508: FA-Servo-Motion: Cable
161567	MR-J3ENCBL2M-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-J3ENCBL5M-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-J3ENCBL10M-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-J3ENCBL20M-L Encodercable; for HC-RP, HF-SN,-SP,-JP, HG-SN,-SR, 20m, IP67 Class 100100508: FA-Servo-Motion: Cable
161571	MR-J3ENCBL30M-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
192174	MR-J3CN2 Encoder-connector-set (for CN2L) Class 100100509: FA-Servo-Motion: Connector

Material	Description / Price List Text / Classification
202300	PCS040N-02.0-0C5 Power cable for HG-SR202, HK-ST352W/5024W/7024W, HK-RT353W; high flexible, 2m Class 100100508: FA-Servo-Motion: Cable
202301	PCS040N-05.0-0C5 Power cable for HG-SR202, HK-ST352W/5024W/7024W, HK-RT353W; high flexible, 5m Class 100100508: FA-Servo-Motion: Cable
202302	PCS040N-10.0-0C5 Power cable for HG-SR202, HK-ST352W/5024W/7024W, HK-RT353W; high flexible, 10m Class 100100508: FA-Servo-Motion: Cable
202303	PCS040N-20.0-0C5 Power cable for HG-SR202, HK-ST352W/5024W/7024W, HK-RT353W; high flexible, 20m Class 100100508: FA-Servo-Motion: Cable
202304	PCS040N-30.0-0C5 Power cable for HG-SR202, HK-ST352W/5024W/7024W, HK-RT353W; high flexible, 30m Class 100100508: FA-Servo-Motion: Cable
227425	MR-J3SCNSA Encoder-Connector-Set for HF-SE/SN/SP/JP, HG-JR/SN/SR, HK-ST/RT motor, (Angle) Class 100100509: FA-Servo-Motion: Connector
244812	MR-J3ENSCBL50M-H Encoder cable; for HC-RP, HF-SN,-SP,-JP, HG-SN,-SR, highflexible, 50m, IP67 Class 100100508: FA-Servo-Motion: Cable
246915	MR-EKCBLSM-H Encoder cable; high-flex, 5m, IP20 Class 100100508: FA-Servo-Motion: Cable
248686	MR-ENCNS2 Encoder Connector Set for HG-SN/SR, HK-ST/RT motor, IP67 (Straight Type) Class 100100509: FA-Servo-Motion: Connector
248687	MR-ENCNS2A Encoder Connector Set for HG-SN/SR, HK-ST/RT motor, IP67 (Angle Type) Class 100100509: FA-Servo-Motion: Connector
269076	MR-J3ENSCBL40M-H Encoder cable; for HC-RP, HF-SN,-SP,-JP, HG-SN,-SR, highflexible, 40m, IP67 Class 100100508: FA-Servo-Motion: Cable
482062	MR-AENSCBL20M-H Encoder cable for HK-KT/ST; Highflexible; 20 m; IP67 Class 100100508: FA-Servo-Motion: Cable
482063	MR-AENSCBL30M-H Encoder cable for HK-KT/ST; Highflexible; 30 m; IP67 Class 100100508: FA-Servo-Motion: Cable
482064	MR-AENSCBL40M-H Encoder cable for HK-KT/ST; Highflexible; 40 m; IP67 Class 100100508: FA-Servo-Motion: Cable
482065	MR-AENSCBL50M-H Encoder cable for HK-KT/ST; Highflexible; 50 m; IP67 Class 100100508: FA-Servo-Motion: Cable
482066	MR-AENSCBL20M-L Encoder cable for HK-KT/ST; Standard; 20 m; IP67 Class 100100508: FA-Servo-Motion: Cable
482067	MR-AENSCBL30M-L Encoder cable for HK-KT/ST; Standard; 30 m; IP67 Class 100100508: FA-Servo-Motion: Cable
482069	MR-APWCNS5 Power connector set for HK-ST202(4)W, 352(4)W,5024W; IP67 Class 100100509: FA-Servo-Motion: Connector