



MATERIAL FACT SHEET

558857 HK-ST7024WB

General Data

Product Hierarchy	IAK30232
	SERVO and Motion
	HK-ST
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/000000000000558857

FA-Servo-Motion: Servo Motor

Series	MELSERVO-J5
Type	HK-ST
Power Supply (V)	400
Rated Capacity (kW)	7
Inertia	MEDIUM INERTIA
Rated Torque (Nm)	33,4
Maximum Torque (Nm)	100
Rated Speed (rpm)	2000
Maximum Speed (rpm)	3000
Inertia (kg*cm2)	110
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)	176
Height (mm)	229
Depth (mm)	347
Weight (kg)	29

Logistic Dimensions & Gross Weight

Length (cm)	49,0
Width (cm)	28,0
Height (cm)	23,0
Gross Weight (kg)	30,480
Volume (cdm)	31,556

Stock Data

Planned Delivery Time (Days)	100
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Life Cycle

Predecessor	No Predecessor
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Additional Product Information

Binding Tariff Information	DEBTI-10611/21-1
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=bltdae25c2bd5f2f94&q=HK-ST7024WB&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=HK-ST7024WB&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=HK-ST7024WB&doc-lang=en

Product Packaging

Cardboard (g)	1480
Other paper (g)	0
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	43,4
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
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
161574	MR-PWCNS5 Power Connector Set for HG-SR, HG-JR, HK-ST, KT-RT Class 100100509: FA-Servo-Motion: Connector
161575	MR-BKCNS1 Brake-Connector-Set for HF-SE/SN/SP/JP, HG-SN/SR, HK-ST/RT motor 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
202249	BCS015S-02.0-BKS1 Brake cable; for HF-SE/SN/SP/JP, HG-SN/SR, HK-RT/ST; high flexible, grey, 2m Class 100100508: FA-Servo-Motion: Cable
202250	BCS015S-05.0-BKS1 Brake cable; for HF-SE/SN/SP/JP, HG-SN/SR, HK-RT/ST; high flexible, grey, 5m Class 100100508: FA-Servo-Motion: Cable
202251	BCS015S-10.0-BKS1 Brake cable; for HF-SE/SN/SP/JP, HG-SN/SR, HK-RT/ST; high flexible, grey, 10m Class 100100508: FA-Servo-Motion: Cable
202252	BCS015S-20.0-BKS1 Brake cable; for HF-SE/SN/SP/JP, HG-SN/SR, HK-RT/ST; high flexible, grey, 20m Class 100100508: FA-Servo-Motion: Cable

Material	Description / Price List Text / Classification
202253	BCS015S-30.0-BKS1 Brake cable; for HF-SE/SN/SP/JP, HG-SN/SR, HK-RT/ST; high flexible, grey, 30m Class 100100508: FA-Servo-Motion: Cable
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
204768	PCS040N-15.0-0C5 Class 100100508: FA-Servo-Motion: Cable
214557	PCS040N-35.0-0C5 Class 100100508: FA-Servo-Motion: Cable
214558	BCS015S-35.0-BKS1 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
227427	MR-BKCNS1A Brake Connector-Set for HF-JP(B), HK-ST/RT motor Class 100100509: FA-Servo-Motion: Connector
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
248688	MR-BKCNS2 Brake Connector Set for HG-SN/SR, HK-ST/RT motor, IP67 (Straight Type) Class 100100509: FA-Servo-Motion: Connector
258914	BCS015S-06.0-BKS1 Brake cable; for HF-SE,-SN,-SP,-JP, HG-SR, high flexible, grey, 6m Class 100100508: FA-Servo-Motion: Cable
258925	BCS015S-08.0-BKS1 Brake cable; for HF-SE,-SN,-SP,-JP, HG-SR, high flexible, grey, 8m Class 100100508: FA-Servo-Motion: Cable
258926	BCS015S-12.0-BKS1 Brake cable; for HF-SE,-SN,-SP,-JP, HG-SR, high flexible, grey, 12m Class 100100508: FA-Servo-Motion: Cable
258927	BCS015S-13.0-BKS1 Brake cable; for HF-SE,-SN,-SP,-JP, HG-SR, high flexible, grey, 13m Class 100100508: FA-Servo-Motion: Cable
258928	BCS015S-15.0-BKS1 Brake cable; for HF-SE,-SN,-SP,-JP, HG-SR, high flexible, grey, 15m Class 100100508: FA-Servo-Motion: Cable
258929	BCS015S-16.0-BKS1 Brake cable; for HF-SE,-SN,-SP,-JP, HG-SR, high flexible, grey, 16m Class 100100508: FA-Servo-Motion: Cable
258930	BCS015S-18.0-BKS1 Brake cable; for HF-SE,-SN,-SP,-JP, HG-SR, high flexible, grey, 18m 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

Material	Description / Price List Text / Classification
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