



## MATERIAL FACT SHEET

### 481879 HK-ST52WBK

#### 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://emea.mitsubishielectric.com/fa/shop/material-page/000000000000481879>

#### FA-Servo-Motion: Servo Motor

Series	MELSERVO-J5
Type	HK-ST
Power Supply (V)	200
Rated Capacity (kW)	0,5
Inertia	MEDIUM INERTIA
Rated Torque (Nm)	2,4
Maximum Torque (Nm)	7,2
Rated Speed (rpm)	2000
Maximum Speed (rpm)	4000
Inertia (kg*cm <sup>2</sup> )	8,15
Brake	YES
Shaft Type	KEYWAY
Protection Class	IP67
Current Type	AC
Encoder Type	26-BIT
Encoder Resolution (p/rev)	67108864

#### Product Dimensions & Weight

Width (mm)	130
Height (mm)	173,8
Depth (mm)	205
Weight (kg)	6

#### Logistic Dimensions & Gross Weight

Length (cm)	31,0
Width (cm)	16,0
Height (cm)	23,0
Gross Weight (kg)	7,000
Volume (cdm)	11,408

#### Stock Data

Planned Delivery Time (Days)	119
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#### Life Cycle

Sales Start	25.06.2019
Predecessor	No Predecessor

#### Additional Product Information

Binding Tariff Information	DEBTI-10610/21-1
BTI validity date	26.09.2024
Battery included	NO
Product Code	SERVO

#### Export Data

Commodity Code	85015100
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
EAC	COMPLIANT
UKCA	COMPLIANT

### Documentation & Media Data

Manual URL Indicator	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=HK-ST52WBK&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=HK-ST52WBK&amp;doc-lang=en</a>
Certificates URL Indicator	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=HK-ST52WBK&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=HK-ST52WBK&amp;doc-lang=en</a>

### Product Packaging

Cardboard (g)	530
Other paper (g)	35
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	28
Wood (g)	0
Glass (g)	0
Others (g)	0

### Compatible products

Material	Description / Price List Text / Classification
<a href="#">160226</a>	MR-J3ENCBL2M-H Encoder cable; for HC-RP, HF-SN/SP/JP, HG-SN/SR, HK-KT/RT/ST; high flex.,2m, IP67 Class 100100508: FA-Servo-Motion: Cable
<a href="#">161563</a>	MR-J3ENCBL5M-H Encoder cable; for HC-RP, HF-SN/SP/JP, HG-SN/SR, HK-KT/RT/ST; high flex.,5m, IP67 Class 100100508: FA-Servo-Motion: Cable
<a href="#">161564</a>	MR-J3ENCBL10M-H Encoder cable; for HC-RP, HF-SN/SP/JP, HG-SN/SR, HK-KT/RT/ST; high flex.,10m,IP67 Class 100100508: FA-Servo-Motion: Cable
<a href="#">161567</a>	MR-J3ENCBL2M-L Encoder cable; for HC-RP, HF-SN/SP/JP, HG-SN/SR, HK-KT/RT/ST; 2m, IP67 Class 100100508: FA-Servo-Motion: Cable
<a href="#">161568</a>	MR-J3ENCBL5M-L Encoder cable; for HC-RP, HF-SN/SP/JP, HG-SN/SR, HK-KT/RT/ST; 5m, IP67 Class 100100508: FA-Servo-Motion: Cable
<a href="#">161569</a>	MR-J3ENCBL10M-L Encoder cable; for HC-RP, HF-SN/SP/JP, HG-SN/SR, HK-KT/RT/ST; 10m, IP67 Class 100100508: FA-Servo-Motion: Cable
<a href="#">161573</a>	MR-PWCNS4 Power Connector Set for HG-SR, HG-JR, HK-ST Class 100100509: FA-Servo-Motion: Connector
<a href="#">161575</a>	MR-BKCNS1 Brake-Connector-Set for HF-SE/SN/SP/JP, HG-SN/SR, HK-ST/RT motor Class 100100509: FA-Servo-Motion: Connector
<a href="#">161576</a>	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
<a href="#">202249</a>	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
<a href="#">202250</a>	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
<a href="#">202251</a>	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

Material	Description / Price List Text / Classification
<a href="#">202252</a>	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
<a href="#">202253</a>	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
<a href="#">202275</a>	PCS015N-02.0-0C4 Power cable for HG-SR52, HK-ST52(4)W/102(4)W/1724W/2024W/3024W; high flex.,2m Class 100100508: FA-Servo-Motion: Cable
<a href="#">202276</a>	PCS015N-05.0-0C4 Power cable for HG-SR52, HK-ST52(4)W/102(4)W/1724W/2024W/3024W; high flex.,5m Class 100100508: FA-Servo-Motion: Cable
<a href="#">202277</a>	PCS015N-10.0-0C4 Power cable for HG-SR52, HK-ST52(4)W/102(4)W/1724W/2024W/3024W; high flex.,10m Class 100100508: FA-Servo-Motion: Cable
<a href="#">202278</a>	PCS015N-20.0-0C4 Power cable for HG-SR52, HK-ST52(4)W/102(4)W/1724W/2024W/3024W; high flex.,20m Class 100100508: FA-Servo-Motion: Cable
<a href="#">202279</a>	PCS015N-30.0-0C4 Power cable for HG-SR52, HK-ST52(4)W/102(4)W/1724W/2024W/3024W; high flex.,30m Class 100100508: FA-Servo-Motion: Cable
214558	BCS015S-35.0-BKS1 Class 100100508: FA-Servo-Motion: Cable
<a href="#">227425</a>	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
<a href="#">227427</a>	MR-BKCNS1A Brake Connector-Set for HF-JP(B), HK-ST/RT motor Class 100100509: FA-Servo-Motion: Connector
<a href="#">248686</a>	MR-ENCNS2 Encoder Connector Set for HG-SN/SR, HK-ST/RT motor, IP67 (Straight Type) Class 100100509: FA-Servo-Motion: Connector
<a href="#">248687</a>	MR-ENCNS2A Encoder Connector Set for HG-SN/SR, HK-ST/RT motor, IP67 (Angle Type) Class 100100509: FA-Servo-Motion: Connector
<a href="#">248688</a>	MR-BKCNS2 Brake Connector Set for HG-SN/SR, HK-ST/RT motor, IP67 (Straight Type) Class 100100509: FA-Servo-Motion: Connector
<a href="#">248689</a>	MR-BKCNS2A Brake Connector Set for HG-SN/SR, HK-ST/RT motor, IP67 (Angle 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
<a href="#">258928</a>	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
258932	PCS015N-06.0-0C4 Power cable; for HG-SR52,HF-SN/SP52,HF-SP524-1524,HF-JP534-1034,high flex., 6m Class 100100508: FA-Servo-Motion: Cable
<a href="#">258933</a>	PCS015N-08.0-0C4 Power cable; for HG-SR52,HF-SN/SP52,HF-SP524-1524,HF-JP534-1034,high flex., 8m Class 100100508: FA-Servo-Motion: Cable

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<a href="#">258934</a>	PCS015N-12.0-0C4 Power cable; for HG-SR52, HF-SN/SP52, HF-SP524-1524, HF-JP534-1034, high flex., 12m Class 100100508: FA-Servo-Motion: Cable
258935	PCS015N-13.0-0C4 Power cable; for HG-SR52, HF-SN/SP52, HF-SP524-1524, HF-JP534-1034, high flex., 13m Class 100100508: FA-Servo-Motion: Cable
<a href="#">258936</a>	PCS015N-15.0-0C4 Power cable; for HG-SR52, HF-SN/SP52, HF-SP524-1524, HF-JP534-1034, high flex., 15m Class 100100508: FA-Servo-Motion: Cable
258937	PCS015N-16.0-0C4 Power cable; for HG-SR52, HF-SN/SP52, HF-SP524-1524, HF-JP534-1034, high flex., 16m Class 100100508: FA-Servo-Motion: Cable
258938	PCS015N-18.0-0C4 Power cable; for HG-SR52, HF-SN/SP52, HF-SP524-1524, HF-JP534-1034, high flex., 18m Class 100100508: FA-Servo-Motion: Cable
333209	PCS015N-50.0-0C4 Power cable; for HG-SR52, HF-SN/SP52, HF-SP524-1524, HF-JP534-1034, high flex., 50m Class 100100508: FA-Servo-Motion: Cable
<a href="#">482062</a>	MR-AENSCBL20M-H Encoder cable for HK-KT/ST; Highflexible; 20 m; IP67 Class 100100508: FA-Servo-Motion: Cable
<a href="#">482063</a>	MR-AENSCBL30M-H Encoder cable for HK-KT/ST; Highflexible; 30 m; IP67 Class 100100508: FA-Servo-Motion: Cable
<a href="#">482064</a>	MR-AENSCBL40M-H Encoder cable for HK-KT/ST; Highflexible; 40 m; IP67 Class 100100508: FA-Servo-Motion: Cable
<a href="#">482065</a>	MR-AENSCBL50M-H Encoder cable for HK-KT/ST; Highflexible; 50 m; IP67 Class 100100508: FA-Servo-Motion: Cable
<a href="#">482066</a>	MR-AENSCBL20M-L Encoder cable for HK-KT/ST; Standard; 20 m; IP67 Class 100100508: FA-Servo-Motion: Cable
<a href="#">482067</a>	MR-AENSCBL30M-L Encoder cable for HK-KT/ST; Standard; 30 m; IP67 Class 100100508: FA-Servo-Motion: Cable
<a href="#">482068</a>	MR-APWCNS4 Power connector set for HK-ST52(4)W, 102(4)W, 172(4)W, 202(4)AW, 302(4)W; IP67 Class 100100509: FA-Servo-Motion: Connector
486871	PCS015N-55.0-0C4 Power cable; for HG-SR52, HF-SN/SP52, HF-SP524-1524, HF-JP534-1034, high flex., 55m Class 100100508: FA-Servo-Motion: Cable