



MATERIAL FACT SHEET

481787 HK-ST172W

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/000000000000481787

FA-Servo-Motion: Servo Motor

Series	MELSERVO-J5
Type	HK-ST
Power Supply (V)	200
Rated Capacity (kW)	1,75
Inertia	MEDIUM INERTIA
Rated Torque (Nm)	8,4
Maximum Torque (Nm)	25,1
Rated Speed (rpm)	2000
Maximum Speed (rpm)	4000
Inertia (kg*cm ²)	11,4
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)	173,8
Depth (mm)	192,5
Weight (kg)	6,2

Logistic Dimensions & Gross Weight

Length (cm)	32,0
Width (cm)	17,0
Height (cm)	23,0
Gross Weight (kg)	7,315
Volume (cdm)	12,512

Stock Data

Planned Delivery Time (Days)	72
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Life Cycle

Sales Start	25.06.2019
Predecessor	No Predecessor

Additional Product Information

Binding Tariff Information	DEBTI-10611/21-1
BTI validity date	26.09.2024
Battery included	NO

Export Data

Commodity Code	85015220
Legal Control (Dual Use List)	Not Listed
Country of Origin	Japan (JP)

Preference Status (Supplier Declaration)	Non EU
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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-ST172W&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=HK-ST172W&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=HK-ST172W&doc-lang=en

Product Packaging

Cardboard (g)	530
Other paper (g)	0
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	42,7
Wood (g)	0
Glass (g)	0
Others (g)	1

Spare parts

Material	Description	Quantity	Unit
191245	HF-SP52/102/152(B) O-RINGP-BR/WEIGHT	1	PC
191238	HF-SP52/102/152(B) PRE LOAD SPRING	1	PC
191248	HF-SP52 up to 702(B) JOINT OLDHAM	1	PC
191240	HF-SP52/102/152(B) BEARING TMB206ZZ	1	PC

Compatible products

Material	Description / Price List Text / Classification
160226	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
161563	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
161564	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
161567	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
161568	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
161569	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
161573	MR-PWCNS4 Power Connector Set for HG-SR, HG-JR, HK-ST 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
202280	PCS025N-02.0-0C4 Power cable for HG-SR102, HK-ST172W/202AW/302W/3534W/5034W; high flexible, 2m Class 100100508: FA-Servo-Motion: Cable
202281	PCS025N-05.0-0C4 Power cable for HG-SR102, HK-ST172W/202AW/302W/3534W/5034W; high flexible, 5m Class 100100508: FA-Servo-Motion: Cable

Material	Description / Price List Text / Classification
202282	PCS025N-10.0-0C4 Power cable for HG-SR102, HK-ST172W/202AW/302W/3534W/5034W; high flexible, 10m Class 100100508: FA-Servo-Motion: Cable
202283	PCS025N-20.0-0C4 Power cable for HG-SR102, HK-ST172W/202AW/302W/3534W/5034W; high flexible, 20m Class 100100508: FA-Servo-Motion: Cable
202294	PCS025N-30.0-0C4 Power cable for HG-SR102, HK-ST172W/202AW/302W/3534W/5034W; 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
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
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
482068	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