MITSUBISHI ELECTRIC EUROPE B.V.

Industrial Automation
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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*cm2)	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

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

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=bltdae25c2bd5f2ff94&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-J3ENSCBL2M-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-J3ENSCBL5M-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-J3ENSCBL10M-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-J3ENSCBL2M-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-J3ENSCBL5M-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-J3ENSCBL10M-L Encodercable; 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