



MATERIAL FACT SHEET

261384 HG-JR11K1M4

General Data

Product Hierarchy	IAK30223
	SERVO and Motion
	HG-JR
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/000000000000261384

FA-Servo-Motion: Servo Motor

Series	MELSERVO-J4
Type	HG-JR
Power Supply (V)	400
Rated Capacity (kW)	11
Inertia	LOW INERTIA
Rated Torque (Nm)	70
Maximum Torque (Nm)	210
Rated Speed (rpm)	1500
Maximum Speed (rpm)	3000
Inertia (kg*cm ²)	220
Brake	NO
Shaft Type	STRAIGHT SHAFT
Protection Class	IP67
Current Type	AC
Encoder Type	22-BIT
Encoder Resolution (p/rev)	4194304

Product Dimensions & Weight

Width (mm)	220
Height (mm)	281,1
Depth (mm)	455,5
Weight (kg)	62

Logistic Dimensions & Gross Weight

Length (cm)	75,0
Width (cm)	37,5
Height (cm)	47,0
Gross Weight (kg)	90,000
Volume (cdm)	132,188

Stock Data

Planned Delivery Time (Days)	156
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Life Cycle

Sales Start	02.06.2013
Predecessor	200994 / HA-LP11K1M4

Additional Product Information

Battery included	NO
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Export Data

Commodity Code	85015230
Legal Control (Dual Use List)	Not Listed
Country of Origin	Japan (JP)
Preference Status (Supplier Declaration)	Non EU

Environmental

REACH Limit Exceeded	NO
Dangerous Goods Class	NO
Dangerous Goods Identifier	NO
RoHS Compliance	COMPLIANT
WEEE	B2B

Conformity

CE	COMPLIANT
UL/cUL	COMPLIANT
EAC	COMPLIANT
UKCA	COMPLIANT

Documentation & Media Data

Manual URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2ff94&q=HG-JR11K1M4&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=HG-JR11K1M4&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=HG-JR11K1M4&doc-lang=en

Product Packaging

Cardboard (g)	7000
Other paper (g)	0
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	42.2
Wood (g)	0
Glass (g)	0
Others (g)	1

Spare parts

Material	Description	Quantity	Unit
342870	HG-JR11K1M-15K1M(4)(B)(W0C) P BRACKET	1	PC
342874	HG-JR11K1M-15K1M(4)(W0C) O BRACKET	1	PC
342851	HG-JR601-12K1(4)(B) CONNECTOR	1	PC
191232	HF-SP702(B) O-RING FOR CONNECTOR	1	PC
342855	HG-JR601-12K1(4)(B) BEARING 1	1	PC
342858	HG-JR601-12K1(4)(B) BEARING 2	1	PC
342861	HG-JR601-12K1(4)(B) OIL SEAL	1	PC
303739	ENC-SET OSA24R-010 (JR7K-15K)	1	PC
191248	HF-SP52 up to 702(B) JOINT OLDHAM	1	PC
191249	HF-SP52 up to 702(B) JOINT TORQUE DISC	1	PC

Compatible products

Material	Description / Price List Text / Classification
136358	MR-PWCNS3 Power Connector Set for HF-SP,HG-SR702/7024, HG-JR703/7034/903/9034 motor Class 100100509: FA-Servo-Motion: Connector
150771	PCS100N-02.0-0C3 Power cable; for HG-SR702,HC-SFS702(4),HF-SP702(4), high flexible, 2m Class 100100508: FA-Servo-Motion: Cable
150772	PCS100N-05.0-0C3 Power cable; for HG-SR702,HC-SFS702(4),HF-SP702(4), high flexible, 5m Class 100100508: FA-Servo-Motion: Cable
150819	PCS100N-10.0-0C3 Power cable; for HG-SR702,HC-SFS702(4),HF-SP702(4), high flexible, 10m Class 100100508: FA-Servo-Motion: Cable
150821	PCS100N-20.0-0C3 Power cable; for HG-SR702,HC-SFS702(4),HF-SP702(4), high flexible, 20m Class 100100508: FA-Servo-Motion: Cable
150822	PCS100N-30.0-0C3 Power cable; for HG-SR702,HC-SFS702(4),HF-SP702(4), high flexible, 30m 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

Material	Description / Price List Text / Classification
192174	MR-J3CN2 Encoder-connector-set (for CN2L) Class 100100509: FA-Servo-Motion: Connector
202110	PCS100N-45.0-0C3 Power cable; for HG-SR702,HC-SFS702(4),HF-SP702(4), high flexible, 45m Class 100100508: FA-Servo-Motion: Cable
210966	MR-ENECNS Encoder-connector-set for HF-JP11/15K1M Class 100100509: FA-Servo-Motion: Connector
246915	MR-EKCBL5M-H Encoder cable; high-flex, 5m, IP20 Class 100100508: FA-Servo-Motion: Cable
268160	MR-ENECBL2M-H-MTH Encoder cable; for HG-JR11/15/22K, highflexible, 2m, IP67 Class 100100508: FA-Servo-Motion: Cable
268161	MR-ENECBL5M-H-MTH Encoder cable; for HG-JR11/15/22K, highflexible, 5m, IP67 Class 100100508: FA-Servo-Motion: Cable
268162	MR-ENECBL10M-H-MTH Encoder cable; for HG-JR11/15/22K, highflexible, 10m, IP67 Class 100100508: FA-Servo-Motion: Cable
268163	MR-ENECBL20M-H-MTH Encoder cable; for HG-JR11/15/22K, highflexible, 20m, IP67 Class 100100508: FA-Servo-Motion: Cable
268164	MR-ENECBL30M-H-MTH Encoder cable; for HG-JR11/15/22K, highflexible, 30m, IP67 Class 100100508: FA-Servo-Motion: Cable
293175	MR-ENECBL40M-H-MTH Encoder cable; for HG-JR11/15/22K, highflexible, 40m, IP67 Class 100100508: FA-Servo-Motion: Cable
293176	MR-ENECBL50M-H-MTH Encoder cable; for HG-JR11/15/22K, highflexible, 50m, IP67 Class 100100508: FA-Servo-Motion: Cable
482030	MR-EKCBL2M-H Encoder cable; Highflexible; 2 m; IP20; Class 100100508: FA-Servo-Motion: Cable