



MATERIAL FACT SHEET

488145 LM-AJP1B-07K-JSS0

General Data

Product Hierarchy	IAK30214
	SERVO and Motion
	LM
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	C (Non-Stock Material / Make-to-Order)

e-shop: https://mitsubishi-electric-eshop.mee.com/mee/FA_I/A/EUR/en/p/000000000000488145

FA-Servo-Motion: Linear Servo Motor

Series	MELSERVO-J4
Series (2)	MELSERVO-J5
Series (3)	MELSERVO-JET
Type	LM-AJ
Rated Current (A)	2,3
Protection Class	IP00
Maximum Speed (m/s)	6,5
Side	PRIMARY
Power supply capacity (kVA)	0,9
Cooling method	NATURAL
Length (mm)	96
Rated thrust (N)	68,1
Maximum thrust (N)	214,7
Magnetic attraction force (N)	378,8
Maximum current (A)	9

Product Dimensions & Weight

Width (mm)	50
Height (mm)	23,2
Depth (mm)	96
Weight (kg)	0,6

Logistic Dimensions & Gross Weight

Length (cm)	38,0
Width (cm)	17,0
Height (cm)	9,0
Gross Weight (kg)	1,199
Volume (cdm)	5,814

Stock Data

Planned Delivery Time (Days)	45
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Life Cycle

Sales Start	25.09.2019
Predecessor	No Predecessor

Additional Product Information

Battery included	NO
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Export Data

Legal Control (Dual Use List)	Not Listed
Country of Origin	China (CN)
Preference Status (Supplier Declaration)	Non EU

Environmental

Dangerous Goods Class	NO
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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=LM-AJP1B-07K-JSS0&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=LM-AJP1B-07K-JSS0&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=LM-AJP1B-07K-JSS0&doc-lang=en

Product Packaging

Cardboard (g)	600
Other paper (g)	0
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	150
Wood (g)	0
Glass (g)	0
Others (g)	0

Compatible products

Material	Description / Price List Text / Classification
161559	MR-EKCBL20M-H Encodercable; for HF-KE,-KN,-KP,-MP, HG-KR,-MR, high-flex 20m (motor shaft) Class 100100508: FA-Servo-Motion: Cable
161560	MR-EKCBL30M-H Encodercable; for HF-KE,-KN,-KP,-MP, HG-KR,-MR, high-flex 30m (motor shaft) 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
192174	MR-J3CN2 Encoder-connector-set (for CN2L) Class 100100509: FA-Servo-Motion: Connector
229788	MR-EKCBL50M-H Encodercable; for HF-KP(B)/HF-MP(B), high-flex 50m (lead out motor shaft), IP20 Class 100100508: FA-Servo-Motion: Cable
246915	MR-EKCBL5M-H Encodercable; high-flex, 5m, IP20 Class 100100508: FA-Servo-Motion: Cable
269075	MR-EKCBL40M-H Class 100100508: FA-Servo-Motion: Cable
482030	MR-EKCBL2M-H Encoder cable; Highflexible; 2 m; IP20; Class 100100508: FA-Servo-Motion: Cable
488153	LM-AJS10-080-JSS0 Linear motor; LM-AJ; Magnet; for LM-AJP1B, LM-AJP1D; Length 80 mm Class 100100512: FA-Servo-Motion: Linear Servo Motor
488154	LM-AJS10-200-JSS0 Linear motor; LM-AJ; Magnet; for LM-AJP1B, LM-AJP1D; Length 200 mm Class 100100512: FA-Servo-Motion: Linear Servo Motor
488155	LM-AJS10-400-JSS0 Linear motor; LM-AJ; Magnet; for LM-AJP1B, LM-AJP1D; Length 400 mm Class 100100512: FA-Servo-Motion: Linear Servo Motor