



MATERIAL FACT SHEET

488146 LM-AJP1D-14K-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_IA/EUR/en/p/000000000000488146

FA-Servo-Motion: Linear Servo Motor

Series	MELSERVO-J4
Series (2)	MELSERVO-J5
Series (3)	MELSERVO-JET
Type	LM-AJ
Rated Current (A)	4,6
Protection Class	IP00
Maximum Speed (m/s)	6,5
Side	PRIMARY
Power supply capacity (kVA)	1,3
Cooling method	NATURAL
Length (mm)	176
Rated thrust (N)	136,2
Maximum thrust (N)	429,4
Magnetic attraction force (N)	757,6
Maximum current (A)	18

Product Dimensions & Weight

Width (mm)	50
Height (mm)	23,2
Depth (mm)	176
Weight (kg)	1,1

Logistic Dimensions & Gross Weight

Length (cm)	0,0
Width (cm)	0,0
Height (cm)	0,0
Gross Weight (kg)	1,500
Volume (cdm)	0,000

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-AJP1D-14K-JSS0&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=LM-AJP1D-14K-JSS0&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=LM-AJP1D-14K-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 Encoder cable; for HF-KE,-KN,-KP,-MP, HG-KR,-MR, high-flex 20m (motor shaft) Class 100100508: FA-Servo-Motion: Cable
161560	MR-EKCBL30M-H Encoder cable; 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 Encoder cable; 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 Encoder cable; 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