



MATERIAL FACT SHEET

227965 LM-U2PBD-15M-1SS0

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/000000000000227965

FA-Servo-Motion: Linear Servo Motor

Series	MELSERVO-J4
Series (2)	MELSERVO-J5
Type	LM-U2
Rated Current (A)	3
Protection Class	IP00
Maximum Speed (m/s)	2
Side	PRIMARY
Power supply capacity (kVA)	1
Cooling method	NATURAL
Length (mm)	250
Rated thrust (N)	150
Maximum thrust (N)	450
Magnetic attraction force (N)	0
Maximum current (A)	8,9

Product Dimensions & Weight

Width (mm)	24,5
Height (mm)	86,5
Depth (mm)	250
Weight (kg)	0,8

Logistic Dimensions & Gross Weight

Length (cm)	0,0
Width (cm)	0,0
Height (cm)	0,0
Gross Weight (kg)	1,300
Volume (cdm)	0,000

Stock Data

Planned Delivery Time (Days)	100
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Life Cycle

Sales Start	22.09.2009
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	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
EAC	COMPLIANT
UKCA	COMPLIANT

Documentation & Media Data

Manual URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2ff94&q=LM-U2PBD-15M-1SS0&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=LM-U2PBD-15M-1SS0&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=LM-U2PBD-15M-1SS0&doc-lang=en

Product Packaging

Cardboard (g)	800
Other paper (g)	0
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	40
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
227110	MR-J3THMCN2 Connector set for thermistor and linear encoder Class 100100509: FA-Servo-Motion: Connector
227970	LM-U2SB0-240-1SS0 Secondary Linear Servo Motor, 75/150/225N thrust,Length 240mm Class 100100512: FA-Servo-Motion: Linear Servo Motor
227971	LM-U2SB0-300-1SS0 Secondary Linear Servo Motor, 75/150/225N thrust,Length 300mm Class 100100512: FA-Servo-Motion: Linear Servo Motor
227972	LM-U2SB0-420-1SS0 Secondary Linear Servo Motor, 75/150/225N thrust,Length 420mm Class 100100512: FA-Servo-Motion: Linear Servo Motor
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
274005	MR-J4THCBL03M Junction Cable for MR-J4 with linear servo motor Class 100100508: FA-Servo-Motion: Cable
482030	MR-EKCBL2M-H Encoder cable; Highflexible; 2 m; IP20; Class 100100508: FA-Servo-Motion: Cable