



MATERIAL FACT SHEET

252377 LM-H3P3D-48P-CSS0

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/000000000000252377

FA-Servo-Motion: Linear Servo Motor

Series	MELSERVO-J4
Series (2)	MELSERVO-J5
Series (3)	MELSERVO-JET
Type	LM-H3
Rated Current (A)	6,8
Protection Class	IP00
Maximum Speed (m/s)	3
Side	PRIMARY
Power supply capacity (kVA)	3,5
Cooling method	NATURAL
Length (mm)	416
Rated thrust (N)	480
Maximum thrust (N)	1200
Magnetic attraction force (N)	4400
Maximum current (A)	19,8

Product Dimensions & Weight

Width (mm)	65
Height (mm)	32
Depth (mm)	416
Weight (kg)	4,3

Logistic Dimensions & Gross Weight

Length (cm)	53,0
Width (cm)	23,0
Height (cm)	10,5
Gross Weight (kg)	4,923
Volume (cdm)	12,800

Stock Data

Planned Delivery Time (Days)	100
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Life Cycle

Sales Start	02.08.2012
Predecessor	213628 / LM-H2P2D-48M-1SS0

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
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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-H3P3D-48P-CSS0&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=LM-H3P3D-48P-CSS0&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=LM-H3P3D-48P-CSS0&doc-lang=en

Product Packaging

Cardboard (g)	248
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
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
252386	LM-H3S30-288-CSS0 Linearmotor LM-H3 Serie (Magnet) for LM-H3P3; length 288mm Class 100100512: FA-Servo-Motion: Linear Servo Motor
252387	LM-H3S30-384-CSS0 Linearmotor LM-H3 Serie (Magnet) for LM-H3P3; length 384mm Class 100100512: FA-Servo-Motion: Linear Servo Motor
252388	LM-H3S30-480-CSS0 Linearmotor LM-H3 Serie (Magnet) for LM-H3P3; length 480mm Class 100100512: FA-Servo-Motion: Linear Servo Motor
252389	LM-H3S30-768-CSS0 Linearmotor LM-H3 Serie (Magnet) for LM-H3P3; length 768mm Class 100100512: FA-Servo-Motion: Linear Servo Motor
269075	MR-EKCBL40M-H Class 100100508: FA-Servo-Motion: Cable
274005	MR-J4THCBL03M Juction Cable for MR-J4 with linear servo motor Class 100100508: FA-Servo-Motion: Cable

Material	Description / Price List Text / Classification
482030	MR-EKCBL2M-H Encoder cable; Highflexible; 2 m; IP20; Class 100100508: FA-Servo-Motion: Cable