

APMC-FBL01AMK-8-AD Cut Sheet



LS Electric low inertia DC brushless servo motor, 100W, 3-phase input, 19-bit (524288 ppr) encoder. For use with LS Electric PHOX-03-080NS-AD 3A drive.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/APMC-FBL01AMK-8-AD>

Technical Specifications

Brand	LS Electric	Encoder Resolution	19-bit (524288 ppr)
Item	Servo motor	Integrated Brake	No
Performance Level	Low inertia	Motor Frame	60mm
Voltage Type	DC	IP Rating	IP67
Motor Type	Brushless	Shaft Type	Single
Power Rating	100W	Shaft Diameter	14mm
Number of Input Phases	3	Steps per Revolution	Up to 19-bit (524288 ppr)
Rated Speed	3000rpm	For Use With	LS Electric PHOX-03-080NS-AD 3A drive
Maximum Speed	3300rpm	Includes	Motor shaft key
Amperage Rating	2.5A	Requires	LS Electric APCV-PxxxLS-AD power cables and APCV-ExxxES1-AD encoder cables
Holding Torque Rating	2.8 lb-in		

Agency Approvals

UL Listed File #	None
UL Recognized File #	PRHZ2.E255738
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/2d/APMC-FBL01AMK-8-AD.pdf>
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