

APM-FF55DMK-AD Cut Sheet



LS Electric medium inertia AC brushless servo motor, 5.5 kW, 3-phase input, 19-bit (524288 ppr) encoder. For use with LS Electric L7PA050U-AD 5 kW drive.

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



<https://www.automationdirect.com/pn/APM-FF55DMK-AD>

Technical Specifications

| | | | |
|-------------------------------|----------------|-----------------------------|--|
| Brand | LS Electric | Encoder Resolution | 19-bit (524288 ppr) |
| Item | Servo motor | Integrated Brake | No |
| Performance Level | Medium inertia | Motor Frame | 180mm |
| Voltage Type | AC | IP Rating | IP65 |
| Motor Type | Brushless | Shaft Type | Single |
| Power Rating | 5.5 kW | Shaft Diameter | 35mm |
| Number of Input Phases | 3 | Steps per Revolution | Up to 19-bit (524288 ppr) |
| Rated Speed | 2000rpm | For Use With | LS Electric L7PA050U-AD 5 kW drive |
| Maximum Speed | 3000rpm | Includes | Motor shaft key |
| Amperage Rating | 28.78A | Requires | LS Electric APCS-PxxxxJS-AD power cables and APCS-ExxxxDS1-AD encoder cables |
| Holding Torque Rating | 232.3 lb-in | | |

Agency Approvals

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| UL Listed File # | E255738 |
| UL Recognized File # | None |
| 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/APM-FF55DMK-AD.pdf>
See store item page for other formats.