

LEFSH25LEB-100N-R1CM17T Product detail information



sample image

LEFS-E Series Electric Actuator/Slider Type Ball Screw Drive Battery-less Absolute Encoder

- Restart from the last stop position is possible
- Easy operation restart after recovery of the power supply
The position information is held by the encoder even when the power supply is turned off
A return to origin operation is not necessary when the power supply is recovered
- No battery is installed. Reduced maintenance
No battery is used to store the position information
There is no need to manage spare batteries or replacement maintenance
- Max. work load: 65 kg
- Positioning repeatability: ± 0.015 mm (High precision type)
- Compatible controllers: JXC51, JXC61, JXCE1, JXC91, JXCP1, JXCD1, JXCL1, JXCM1

Field descripton	Field value	Value descripton
Accuracy	H	High Precision Type
Size	25	25
Motor Mounting Position	L	Left Side Parallel
Motor Type	E	Battery-less Absolute Encoder Type (Step Motor 24 VDC)
Lead	B	LEFS25:6mm, LEFS32:8mm, LEFS40:10mm
Stroke	100	Stroke 100 mm
Motor Option	—	Without Lock
Auto Switch Compatibility	—	None

Grease Application (Seal Band Part)	N	Without (Roller Specification)
Positioning Pin Hole	–	Housing B Bottom
Actuator Cable Type/Length	R1	Robotic Cable 1.5 m
Communication Protocol Input/Output	CM	CC-Link Ver. 1.10
Number Of Axes/Special Specification	1	Number Of Axis:For Single Axis、Specification:Standard
Mounting	7	Screw Mounting
Communication Plug Connector I/O Cable	T	T-branch Type Communication Plug Connector

Other specifications:

Field descripton	Value descripton
Series	LEFS
Actuation	Ball Screw Drive+Belt Drive
Work Load(Horizontal)	30 Kg
Work Load(Vertical)	15 Kg
Speed	6～300 mm/s
Max. Acceleration/Deceleration	3000 mm/s ²
Positioning Repeatability	±0.015 mm
Lost Motion	0.05mm ms Or Less
Impact	50 m/s ²
Vibration Resistance	20 m/s ²
Operating Temperature Range	5～40 °C
Operating Humidity Range	90% Or Less
Motor size	42 mm
Encoder	Battery-less Absolute (4096pulse/rotation)
Power Consumption(Horizontal)	38 W
Standby Power Consumption When Operating(Horizontal)	16 W

Max. Instantaneous Power Consumption	57 W
Guide Type	Linear Guide Type
Lock Type	Non-magnetizing Lock
Holding Force	157 N
Power Consumption	5 W
Rated Voltage	DC24±10% V

Split Max assembling quantity:

Split method 1(Default) Max assembling quantity:		
Assembly unit	Quantity	Stock(Local)
LEFSH25LEB-100N	1	
LE-CE-1 (Actuator Cable)	1	
JXCM17T-LEFSH25LEB-100 (Controller)	1	