

Standard Type, 100/200/400 W - LEY LEY32DT7A-100-R5PD21

Datasheet

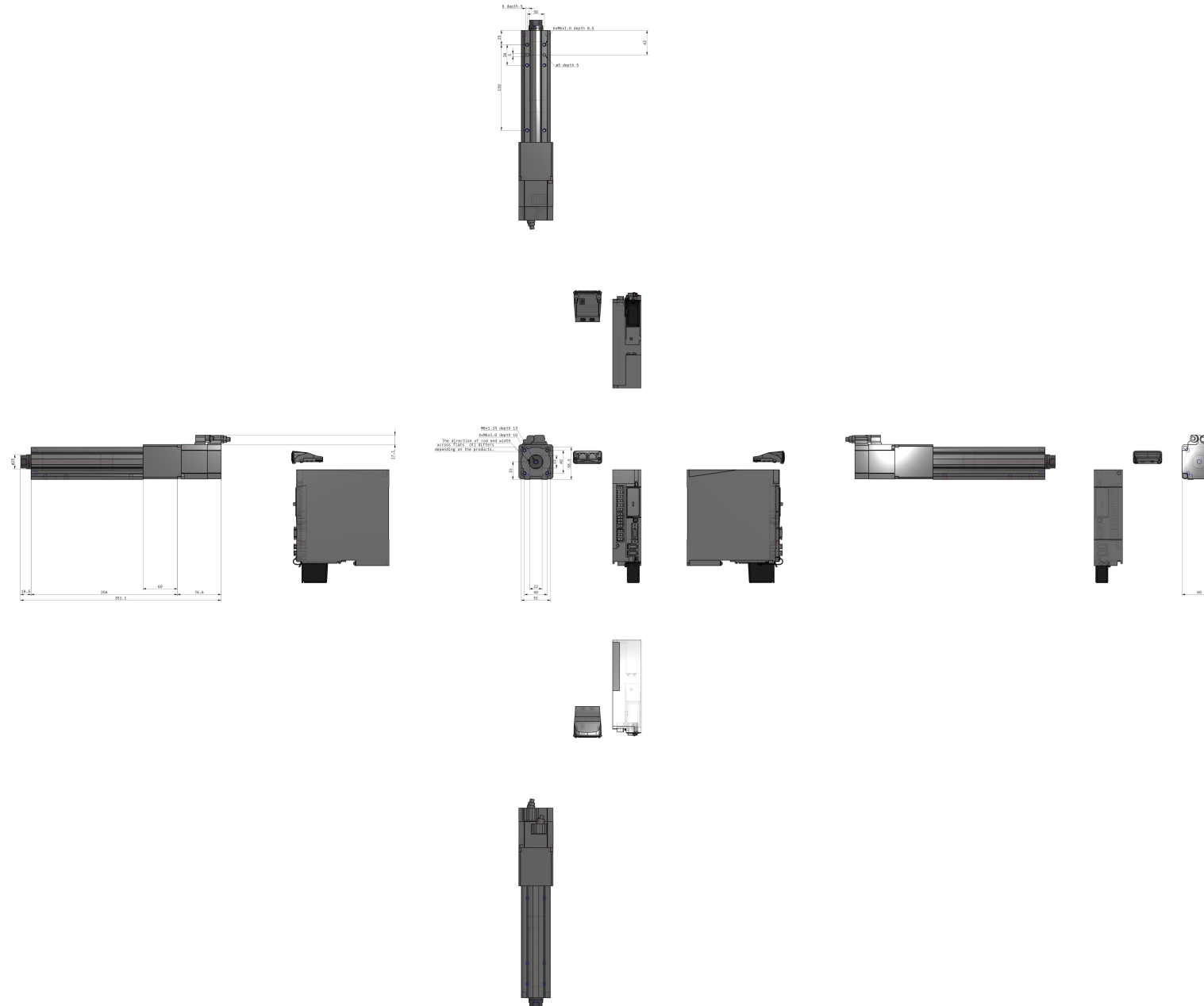
General series information

- Body size: 25, 32 and 63 mm
- Stroke: 30 to 800 mm
- AC Servo Motor, 100/200/400W.

Standard specifications

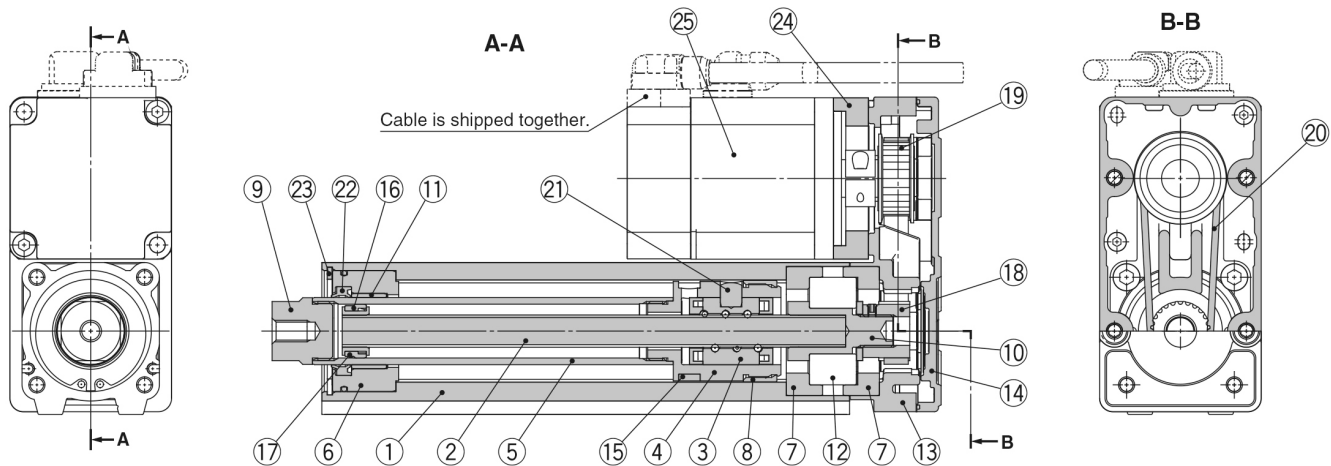
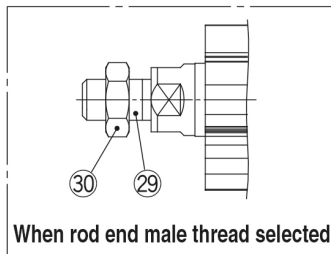
Accuracy	Basic Type
Size	32
Motor Mounting Position	D (In-line type)
Motor Type	T7 (200W Output, Absolute Encoder, LECSS2)
Lead Screw	A [LEY25: 12mm; LEY32: 16mm; LEY63: 20mm]
Stroke	100 mm
Dust/Drip Proof	(25/32) IP4x; (63) IP5x (Dust Proof Specification)
Motor Option	w/o Lock
Rod End	Rod End Female Thread
Mounting	Both Ends Tapped (Standard)
Actuator Cable type	R (Robotic Flexible Cable)
Cable length	5 (5m)
Controller Type	PD2 (LECSND2-T-P/PROFINET®, 200 V to 240 V)
I/O Connector	1 (1.5 m)
Maximum ambient temperature	40 °C
Minimum ambient temperature	5 °C
Approvals	CE;UL/cUL
Pushing speed	30 mm/s or less
Lost motion	0.1 mm or less
Impact/Vibration resistance	50/20 m/s2

Horizontal work load	30 kg
Vertical work load	9 kg
Max. Acceleration/deceleration	5000 mm/s ²
Positioning repeatability	± 0.02 mm
Max. speed	1200 mm/s
Force (Set value: 15 to 30%)	79 - 157 N

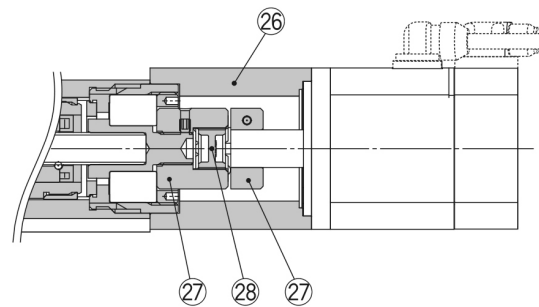


Constructions

Motor top mounting type: LEY²⁵₃₂



In-line motor type: LEY²⁵_{32D}



Component Parts

No.	Description	Material	Note
1	Body	Aluminium alloy	Anodised
2	Ball screw shaft	Alloy steel	
3	Ball screw nut	Synthetic resin/Alloy steel	
4	Piston	Aluminium alloy	
5	Piston rod	Stainless steel	Hard chrome plating
6	Rod cover	Aluminium alloy	
7	Bearing holder	Aluminium alloy	
8	Rotation stopper	POM	
9	Socket	Free cutting carbon steel	Nickel plating
10	Connected shaft	Free cutting carbon steel	Nickel plating
11	Bushing	Bearing alloy	
12	Bearing	—	
13	Return box	Aluminium die-cast	Coating
14	Return plate	Aluminium die-cast	Coating
15	Magnet	—	
16	Wear ring holder	Stainless steel	Stroke 101 mm or more
17	Wear ring	POM	Stroke 101 mm or more
18	Screw shaft pulley	Aluminium alloy	
19	Motor pulley	Aluminium alloy	
20	Belt	—	
21	Parallel pin	Stainless steel	
22	Seal	NBR	

No.	Description	Material	Note
23	Retaining ring	Steel for spring	
24	Motor adapter	Aluminium alloy	Coating
25	Motor	—	
26	Motor block	Aluminium alloy	Coating
27	Hub	Aluminium alloy	
28	Spider	Urethane	
29	Socket (Male thread)	Free cutting carbon steel	Nickel plating
30	Nut	Alloy steel	Zinc chromated

Additional information

Catalogue	LEY-F_EU.pdf
Declaration of conformity	newDoC_LEY_LEYG_SERVOAC_LECSS-T_EN-B.pdf newDoC_LEY_LEYG_servoDC_servoAC_LECYx_EN-A.pdf newDoC_LEY_LEYG_servoDC_servoAC_LECSx_EN-A.pdf newDoC_LEY_LEYG_servoAC_LECSA_EN-A.pdf newDoC_LEY_LEYG_servoAC_EN.pdf newDoC_LEY_LEYG_servoAC_LECY_V6-V7-V8_EN-C.pdf newDoC_LEY_LEYG_servoAC_LECS-S2-S3-S4_EN-A.pdf newDoC_LEY_LEYG_servoAC_LECS-S6-S7-S8_EN-B.pdf
Installation manuals	IM_LEY_ServoAC_en.pdf
Operation manuals	OM_LEY_LEYG_OMZ0015EN.pdf