



# LM Guide Actuator

KR26 KR33

## KR26

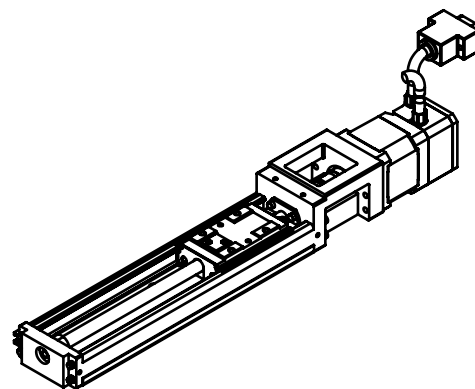
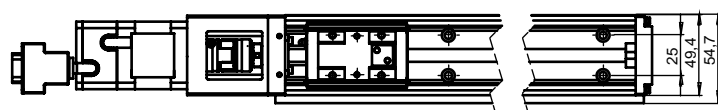
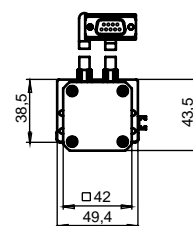
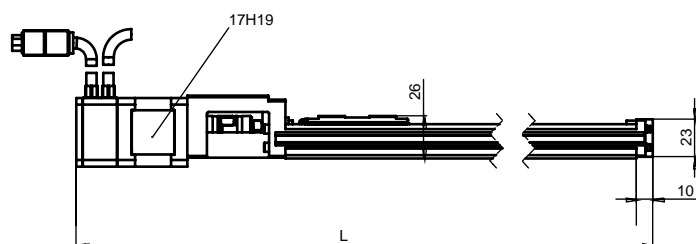
### Model Configuration

Model	Ball screw lead	Stroke	Sensor	Motor**	Holding brake
KR26	006	0110	0	17H19	0
	002: 2 mm	0060: 60 mm	0: Without	17H19	0: Without
	006: 6 mm	to	1: One sensor *		1: Holding brake
		0210: 210 mm	2: Two sensors *		

\* on special request

\*\* encoder res. 40.000 inc/rev

### Dimensions



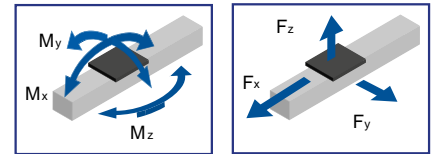
Additional mounting equipment available.

		KR26-xxx-0060	KR26-xxx-0210
Length* L	[mm]	337	487

\* depends on motor type and holding brake

## Basic Specifications (Axis)

		Series KR26-002	Series KR26-006
<b>Rated Values LM Guide</b>			
Basic dynamic load rating	[N]	7240	7240
Static dynamic load rating	[N]	12150	12150
Radial clearance	[ $\mu\text{m}$ ]	$\pm 4$	$\pm 4$
<b>Rated Values Ball screw</b>			
Basic dynamic load rating $C_a$	[N]	2350	1950
Static dynamic load rating $C_{0a}$	[N]	4020	3510
Screw shaft diameter	[mm]	$\varnothing 8$	$\varnothing 8$
Lead	[mm]	2	6
Ball center-to-center diameter	[mm]	$\varnothing 8.3$	$\varnothing 8.3$
<b>Accuracy</b>			
Repeatability	[ $\mu\text{m}$ ]		$\pm 10$
Accuracy	[ $\mu\text{m}$ ]		20



Static Values		
Torque $M_x$	Nm	84
Torque $M_y$	Nm	208
Torque $M_z$	Nm	84
Force $F_x$	N	180
Force $F_y$	N	150
Force $F_z$	N	180

## Basic Specifications (Axis and Motor)

		Series KR26-002		Series KR26-006	
<b>Rated Values</b>					
Mounting position		vertical	horizontal	vertical	horizontal
Ball screw	[mm]	8x2		8x6	
Acceleration	[m/s <sup>2</sup> ]	2	2	2	2
Velocity	[m/s]	0.1	0.1	0.3	0.3
Load	[kg]	10	20	5	15
Feed force	[N]	20	40	10	30
<b>Resolution / Accuracy</b>					
Positioning resolution <sup>1)</sup>	[ $\mu\text{m}$ ]	0.05		0.15	
Repeatability	[ $\mu\text{m}$ ]			$\pm 10$	
Accuracy	[ $\mu\text{m}$ ]			20	

1) Encoder resolution 40.000 inc/rev

## Amplifier Specifications

		ECOVARIO 114	ECOVARIO 114D	ECOMiniDual
<b>1-phase AC Supply</b>				
Supply voltage	$V_{AC}$	20 .. 48	-	-
Line frequency	Hz	50 .. 60	-	-
Rated power	VA	480	-	-
<b>DC Supply</b>				
Supply voltage	$V_{DC}$	24 .. 70	24 .. 70	24 .. 70
Rated power	W	700	960	260



ECOVARIO 114



ECOMiniDual

# Actuator Units

**NEW All-in-one-solution**

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