

KR26

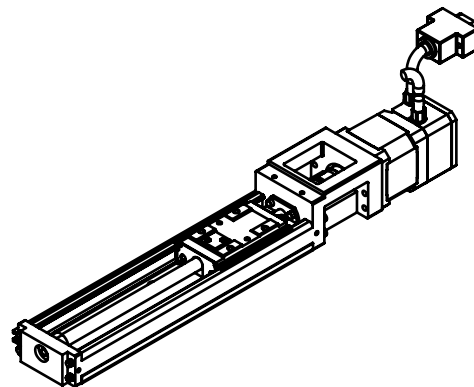
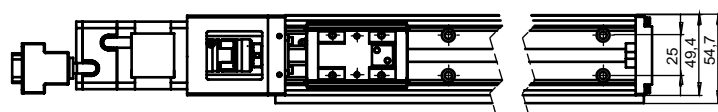
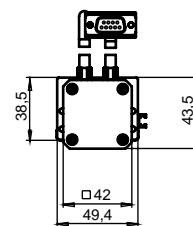
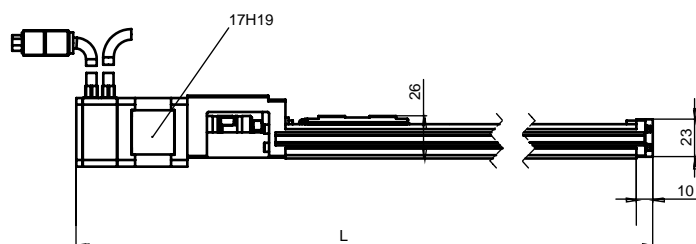
Model Configuration

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



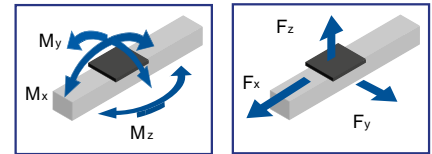
Additional mounting equipment available.

		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
Rated Values LM Guide			
Basic dynamic load rating	[N]	7240	7240
Static dynamic load rating	[N]	12150	12150
Radial clearance	[μm]	± 4	± 4
Rated Values Ball screw			
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]	$\varnothing 8.3$	$\varnothing 8.3$
Accuracy			
Repeatability	[μm]		± 10
Accuracy	[μm]		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	
Rated Values					
Mounting position		vertical	horizontal	vertical	horizontal
Ball screw	[mm]	8x2		8x6	
Acceleration	[m/s ²]	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
Resolution / Accuracy					
Positioning resolution ¹⁾	[μm]	0.05		0.15	
Repeatability	[μm]			± 10	
Accuracy	[μm]			20	

1) Encoder resolution 40.000 inc/rev

Amplifier Specifications

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



ECOVARIO 114

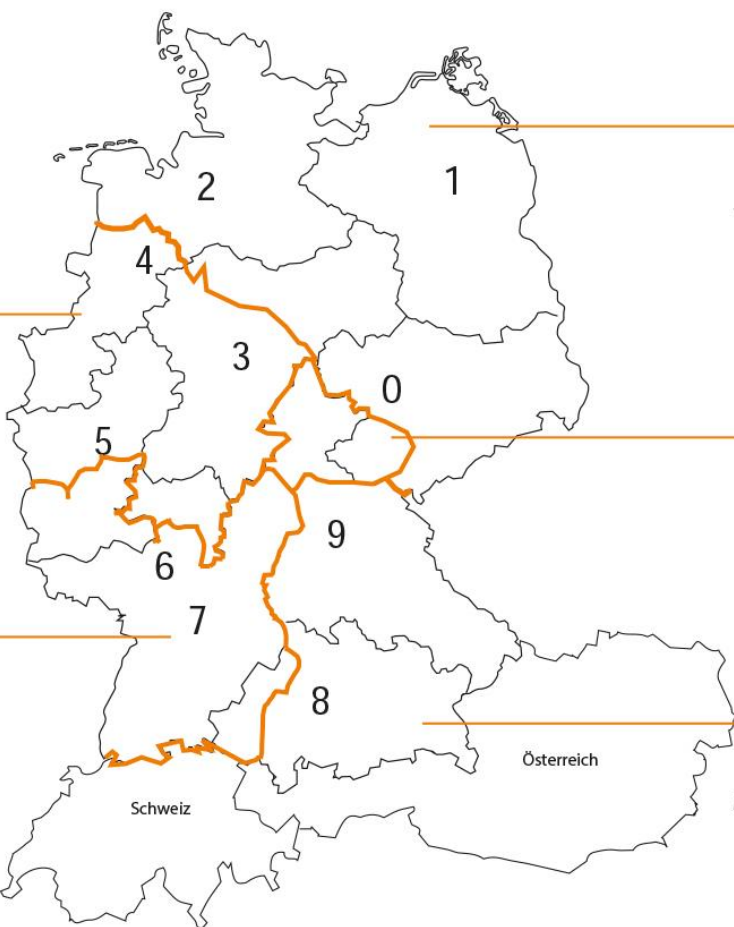



ECOMiniDual

Actuator Units


NEW All-in-one-solution

Contact Persons:







Christopher Kohaut
PLZ:
32-37
4
50-53, 57-59
60-63, 65




Kurt Hokenmaier
PLZ:
54-56
64, 66-69
7
88-89
97



Thomas Haugk
PLZ:
01-06, 08-09
1
2
30, 31, 38, 39



Hanno Starker
PLZ:
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98-99



Marco Schwarz
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