



EKGS

Servo insert coupling Torque range: 0.5 to 35 Nm

- Elastic backlash free coupling
- Reliable torque transmission
- Maintenance free
- Low inertia/size
- Easy to assembly, even in confined spaces
- Reduces vibration
- Materials:
 - Body: Aluminium
 - Spider: Polyurethane 92 Shore A (yellow)



Applications

- Metrology, control systems, driving, machine tools, driving lead screws

Torque (Nm) transmissible for hub secured using set screws

Bore size	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8	Ø9	Ø10	Ø11	Ø12	Ø13	Ø14	Ø15	Ø16	Ø17	Ø18	Ø20	Ø22	Ø24	Ø28
EKGS-5	0,5	0,5	0,5																	
EKGS-7	1,2	1,2	1,2	1,2	1,2	1,2														
EKGS-9	3	3	3	3	3	3	3	3	3	3										
EKGS-14	7,5	7,5	7,5	7,5	7,5	7,5	7,5	7,5	7,5	7,5	7,5	7,5	7,5							
EKGS-19				10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
EKGS-24						20	22	24	26	29	31	34	35	35	35	35	35	35	35	35

Part number	Transmissible nominal torque (Nm)	Tightened torque (Nm)	Max speed (rpm)	Moment of inertia (10^{-6} kgm ²)	axial (Nm)	Misalignment radial (Nm)	angular
EKGS-5	0,5	1,3	47500	0,034	-0,2/+0,4	0,06	1°
EKGS-7	1,2	1,3	34000	0,196	-0,3/+0,6	0,10	1°
EKGS-9	3	3	24000	1,08	-0,4/+0,8	0,13	1°
EKGS-14	7,5	6	16000	5,7	-0,5/+1,0	0,15	1°
EKGS-19	10	6	12000	36	-0,5/+1,2	0,10	1°
EKGS-24	35	6	8500	162	-0,5/+1,4	0,14	1°

Dimensions in mm

Characteristics

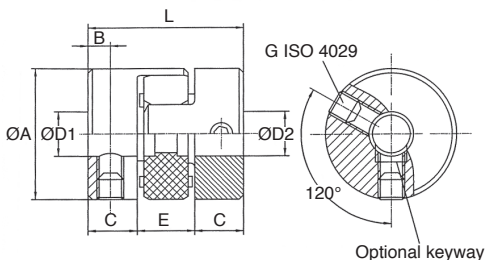
- Hardwearing
- Fixed using set screws
- Couplings are mounted pre-tensioned
- Shaft tolerance should be g6 or h7
- Contact surfaces should be free of grease

Bore

- Choose ØD1 and ØD2 from the ranges shown

Option

- Keyway according to DIN6885-1



DISCOUNTS

Qty	1+	2+	4+
Disc.	List	-6%	On request

Part number	L	ØA	E	ØD1/ ØD2		C	B	G	Weight (g)	Price each	
				No keyway	with keyway					No keyway	with keyway
EKGS-5	15	10	5	2-5	-	5	2,5	1xM3	5	33,54 €	-
EKGS-7	22	14	8	3-8	6-8	7	2,5	1xM3	9	34,75 €	34,75 €
EKGS-9	30	20	10	3-12	6-10	10	5	2xM4	17	36,11 €	36,11 €
EKGS-14	35	30	13	4-16	6-16	11	5	2xM6	41	45,40 €	45,40 €
EKGS-19	66	40	16	6-24	6-24	25	10	2xM6	138	57,43 €	57,43 €
EKGS-24	78	55	18	8-35	8-35	30	10	2xM6	282	72,07 €	72,07 €

Dimensions in mm

Our other products



WW10

Drylin® W slide, slide assembly



PRF_SDD_1820

Support for Ø18 or Ø20mm Prox detector, Ø18 and Ø20



EHD16

Internal epicyclic servo reducers, from 210 to 380 Nm



DILC

Indexing plunger with cam, with cam



PRF_CHA D

Hinge and joint, Lift-off hinge



PRF_GAL

Roller for aluminium profile, Flat roller



OP3_14_06

Reducing sleeve for OP indicators, Reduction socket



BDM

Pin for magnetic bush, Fast and light magnetic locking



CLB_T

Die cast zinc clamping lever - male, Zamak



BOX-TOR-A

Box set of Nitrile O-rings in nitrile, 2.90 x



BPHRF

Ball transfer unit housed spring loaded,



PR40

Articulated foot Ø50, Ø 50

Complementary products



ADSR

Backlash free coupling Gerwah®, from 12.5 to 525Nm



DKGS

Backlash free coupling Gerwah®, from 0.5 to 3Nm