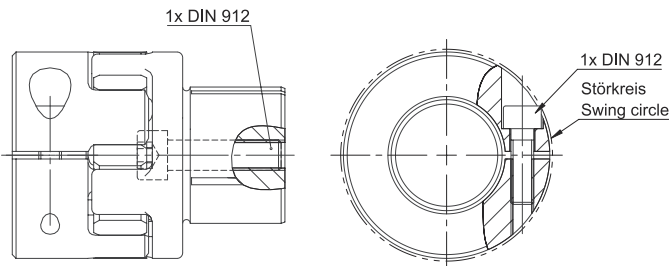
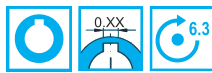


Elastomerkupplung SKS mit Spreizdorn und Klemmnabe

Elastomer coupling SKS with expanding mandrel and clamping hub



Standard Optionen / Standard options



Shorehärte Elastomerstern / Shore hardness Elastomer insert
80 Sh A, 92 Sh A, 64 Sh D-H, 64 Sh D
Elastomerstern / Elastomer insert

G = gebohrt / G = drilled K = kalibriert / K = calibrated

Gewünschte Optionen müssen im Bestelltext angegeben werden (Legende Symbole S. 7).
Desired options have to be mentioned in the order text (key symbols p. 7).

Merkmale

- Nabe aus hochfestem Aluminium
- Spreiznabe und Innenkonus aus Stahl
- Spielfreie Drehmomentübertragung
- Montagefreundlich, axial steckbar
- Elektrisch isolierend
- Optimales Dämpfungsverhalten durch Elastomersterne in unterschiedlichen Shorehärten
- Hohe Temperaturbeständigkeit
- Niedriges Massenträgheitsmoment
- Ausgleich von radialem, axialem und winkligem Versatz
- Sonderausführungen auf Anfrage

Bestellbezeichnung / Beispiel:

SKS-17 - 10H7 - 16h7 - 98ShA
Typ-Größe Bohrung Zapfen Elastomerstern
D1 D2

SKS-160 - 20H7P - 35h7 - 98ShA - K
Typ-Größe Bohrung Zapfen Elastomerstern kalibriert
D1 (mit Passfedernut) D2

Characteristics

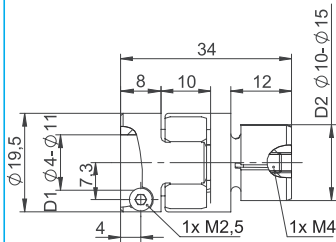
- Hub made of high strength aluminium
- Expansive hub and inner cone made of steel
- Backlash-free torque transmission
- Easy assembling, axial pluggable
- Electrically isolating
- Optimum damping behavior by elastomer inserts in different shore hardnesses
- High level of thermal stability
- Very low moment of inertia
- Compensation of radial, axial and angular misalignment
- Customized execution on demand

Order description / example:

SKS-17 - 10H7 - 16h7 - 98ShA
Type-Size Bore Shaft Elastomer insert
D1 D2

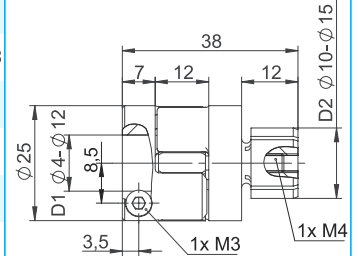
SKS-160 - 20H7P - 35h7 - 98ShA - K
Type-Size Bore Shaft Elastomer insert calibrated
D1 (with keyway) D2

SKS-5

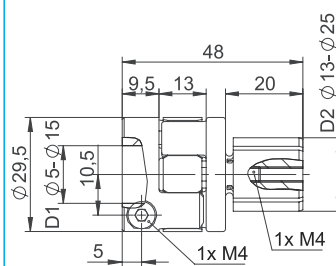


R	B	Y	G		R	B	Y	G
5	1.8	3	6	Nennmoment [Nm] Nominal torque [Nm]	9	3	5	12
10	3.6	6	12	Maximalmoment [Nm] Max. torque [Nm]	18	6	10	24
51	17	31	74	Statische Drehfedersteife [Nm/rad] Static spring stiffness [Nm/rad]	241	84	160	328
518	125	262	796	Laterale Federsteife [N/mm] Lateral spring stiffness [N/mm]	846	274	470	1198
0.08	0.19	0.13	0.05	Max. lateraler Wellenversatz [mm] Max. lateral shaft misalignment [mm]	0.08	0.20	0.14	0.05
0.9	1.1	1.0	0.8	Max. angularer Wellenversatz [Grad] Max. angular shaft misalignment [Degree]	0.9	1.1	1.0	0.8
+0.8/-0.4				Max. axialer Wellenversatz [mm] Max. axial shaft misalignment [mm]	+0.9/-0.4			
19000				max. Drehzahl [rpm] max. speed [rpm]	15000			
4.0				Anzugsmoment der Schrauben M _A [Nm] Tightening torque of screws M _A [Nm]	4.0			
22.5				Störkreis [ø mm] Swing circle [ø mm]	26.0			

SKS-9

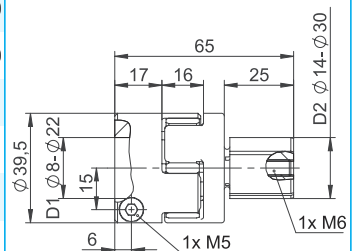


SKS-12

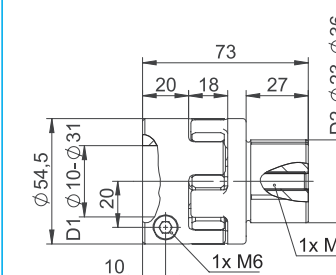


R	B	Y	G		R	B	Y	G
12.5	4	7.5	16	Nennmoment [Nm] Nominal torque [Nm]	17	5	10	21
25	8	15	32	Maximalmoment [Nm] Max. torque [Nm]	34	10	20	42
172	60	115	234	Statische Drehfedersteife [Nm/rad] Static spring stiffness [Nm/rad]	860	340	570	1240
654	153	336	856	Laterale Federsteife [N/mm] Lateral spring stiffness [N/mm]	2010	582	1120	2930
0.09	0.21	0.15	0.06	Max. lateraler Wellenversatz [mm] Max. lateral shaft misalignment [mm]	0.06	0.15	0.10	0.04
0.9	1.1	1.0	0.8	Max. angularer Wellenversatz [Grad] Max. angular shaft misalignment [Degree]	0.9	1.1	1.0	0.8
+1.0/-0.5				Max. axialer Wellenversatz [mm] Max. axial shaft misalignment [mm]	+1.2/-0.5			
13000				max. Drehzahl [rpm] max. speed [rpm]	10000			
9.0				Anzugsmoment der Schrauben M _A [Nm] Tightening torque of screws M _A [Nm]	12.0			
33.0				Störkreis [ø mm] Swing circle [ø mm]	43.0			

SKS-17



SKS-60



R	Y	G		R	Y	G
60	35	75	Nennmoment [Nm] Nominal torque [Nm]	160	95	200
120	70	150	Maximalmoment [Nm] Max. torque [Nm]	320	190	400
2060	1430	2980	Statische Drehfedersteife [Nm/rad] Static spring stiffness [Nm/rad]	3440	2290	4350
2560	1480	3696	Laterale Federsteife [N/mm] Lateral spring stiffness [N/mm]	3200	1780	4348
0.10	0.14	0.07	Max. lateraler Wellenversatz [mm] Max. lateral shaft misalignment [mm]	0.11	0.15	0.08
0.9	1.0	0.8	Max. angularer Wellenversatz [Grad] Max. angular shaft misalignment [Degree]	0.9	1.0	0.8
+1.4/-0.5			Max. axialer Wellenversatz [mm] Max. axial shaft misalignment [mm]	+1.5/-0.7		
7000			max. Drehzahl [rpm] max. speed [rpm]	6000		
32.0			Anzugsmoment der Schrauben M _A [Nm] Tightening torque of screws M _A [Nm]	60.0		
56.0			Störkreis [ø mm] Swing circle [ø mm]	67.0		

SKS-160

