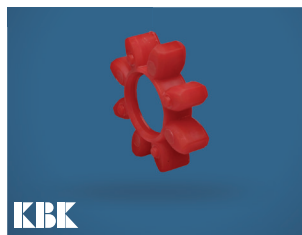


Loose - fit Spider Elements for Couplings Type KBE Type KBE series



92 ShoreA

operating temperature:

-30 to +90

peak temperature: -50 bis +120

98 ShoreA

operating temperature:

-30 to +90

peak temperature: -40 bis +120

Order Code

ZKES24 - 92Sh

Type / Size

Shore-
hardness

Size	Hardness	Torque [Nm]		Torsional Stiffness Static [Nm/rad]	Torsional Stiffness Dynamic [Nm/rad]	Spring Stiffness radial [N/mm]	Misalignment			max. Bore [mm]
		TK nom.	TK max				axial [mm]	radial [mm]	angular [Grad]	
5	92 ShA	0.5	0.6	5.16	16	154	+0.4 / -0.2	0.06	1.0°	3
7	92 ShA	1.2	2.4	14.3	43	219	+0.6 / -0.3	0.10	1.0°	3
	98 ShA	2	4	22.9	69	421	+0.6 / -0.3	0.10	1.0°	
9	92 ShA	3	6	31.5	95	262	+0.8 / -0.4	0.15	1.0°	7
	98 ShA	5	10	51.6	155	518	+0.8 / -0.4	0.1	0.9°	
12	92 ShA	5	10	160.4	482	470	+0.9 / -0.4	0.14	1.0°	8
	98 ShA	9	18	240.7	718	846	+0.9 / -0.4	0.08	0.9°	
14	92 ShA	7.5	15	114.6	344	336	+1.0 / -0.5	0.15	1.0°	10
	98 ShA	12.5	25	171.9	513	654	+1.0 / -0.5	0.09	0.9°	
19	92 ShA	12	24	1090	1815	1120	+1.2 / -0.5	0.10	1.0°	18
	98 ShA	21	42	1512	2540	2010	+1.2 / -0.5	0.06	0.9°	
24	92 ShA	35	70	2300	5130	1900	+1.4 / -0.5	0.15	1.0°	27
	98 ShA	60	120	3700	8130	2940	+1.4 / -0.5	0.11	0.9°	
28	92 ShA	95	190	4080	6745	1780	+1.5 / -0.7	0.15	1.0°	30
	98 ShA	160	320	6410	9920	3200	+1.5 / -0.7	0.11	0.9°	
38	92 ShA	190	380	6525	12000	2350	+1.8 / -0.7	0.17	1.0°	38
	98 ShA	325	650	11800	21850	4400	+1.8 / -0.7	0.12	0.9°	
42	92 ShA	265	530	10870	20500	4100	+2.0 / -1.0	0.19	1.0°	46
	98 ShA	450	900	21594	37692	5940	+2.0 / -1.0	0.14	0.9°	
48	92 ShA	310	620	12968	22800	4500	+2.1 / -1.0	0.23	1.0°	51
	98 ShA	525	1050	25759	49400	6820	+2.1 / -1.0	0.16	0.9°	
55	92 ShA	410	820	15482	21375	2980	+2.2 / -1.0	0.24	1.0°	58
	98 ShA	685	1370	42117	61550	6686	+2.2 / -1.0	0.17	0.9°	

Ordering examples for elastomer couplings with toothed rings exhibiting backlash

KBES1 - 28 - N24 - N30 - 92 Sh

instead of KBE1

Size

Bore Size 1 w. keyway

Bore Size 2 w. keyway

Shorehardness

KBES2 - 42 - 30 - 45 - 98 Sh

instead of KBE2

Size

Bore Size1

Bore Size 2

Shorehardness

KBES2D - 19 - 10 - 22 - 98 Sh

instead of KBE2D

Size

Bore Size1

Bore Size 2

Shorehardness