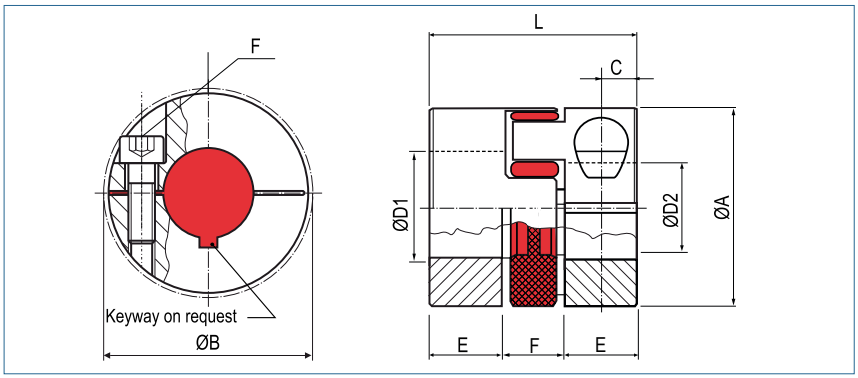
KBE2C | 7 ~ 48

Servo Insert Coupling compact

optional full stainless steel version



Order Code

KBE2C	-	38	-	20	-	40	-	98Sh
Type		Size		ØD1 (H7)		ØD2 (H7)		Shore-hardness

Size	Dimensions (mm)								Technical Data			Torque (Nm)			
	Ø A	L	Ø D1-D2	E	F	C	B	G							
	Outer Ø	Length	Bore Sizes (H7) min~max					Screw(I-SO4762) TA (Nm)	max. speed rpm. (1/min)	Mass (per coupling) (g)	Moment of Inertia J (per coupling) (g m²)	64 ShoreD (green)	98 ShoreA (red)	92 ShoreA (yellow)	80 ShoreA (blue)
7	14	18	3 - 7	5	8	2.5	16.6	M2 / 0.43	27000	6	0.00018	2.4	2	1.2	0.7
9	20	24	4 - 11	7	10	3.5	21.3	M2.5 / 0.85	19000	15	0.00085	6	5	3	1.8
12	25	26	4 - 12	7	12	3.5	27.2	M3 / 2	16000	23	0.00220	12	9	5	3
14	30	32	4 - 16	9.5	13	5	32.5	M4 / 4.5	13000	45	0.0166	16	12.5	7.5	4
19	40	50	8 - 21	17	16	8.5	45.7	M6 / 15	10000	139	0.0311	26	21	12	6
24	55	58	10 - 32	20	18	10	56.4	M6 / 15	7000	271	0.119	75	60	35	17
28	65	62	14 - 37	21	20	11	72.6	M8 / 40	6000	429	0.254	200	160	95	46
38	80	86	15 - 48	31	24	15	83.3	M10 / 84	5000	888	0.828	405	325	190	x
42	95	94	20 - 50	34	26	17.5	97.6	M12 / 145	4000	1425	1.866	560	450	265	x
48	105	110	20 - 57	41	28	23	105	M12 / 145	3750	2019	3.221	655	525	310	x

Transmittable torque (Nm) depending on shaft diameter (mm)

Size	3	4	6	8	10	12	14	15	16	18	19	20	24	25	28	30	32	35	38	40	42	45	48	50	55
7	1.2	1.3	1.5																						
9		2.3	2.5	2.8	3.0																				
12		6.6	6.9	7.4	8.0	8.6																			
14			14	14.7	15.7	16.7	17.7	18.3	18.8																
19				42	44	47	49	50	51	54	55	56													
24					58	61	63	64	65	67	69	70	74	76	79	81	84								
28							105	107	109	112	114	116	123	124	130	133	137	142	147						
38								241	244	251	254	258	271	274	284	291	297	307	317	324	330	340	350		
42												433	452	457	471	481	491	505	519	529	539	553	568	577	
48												452	471	476	491	500	510	524	539	548	558	572	587	596	620

Material hub - aluminium

spider element - polyurethane

Hub bore tolerance: H7

Keyway optional acc. DIN 6885

Further spider elements and technical data are available on page 44 and 45.
All series are available with loose-fit spiders (see page 45).