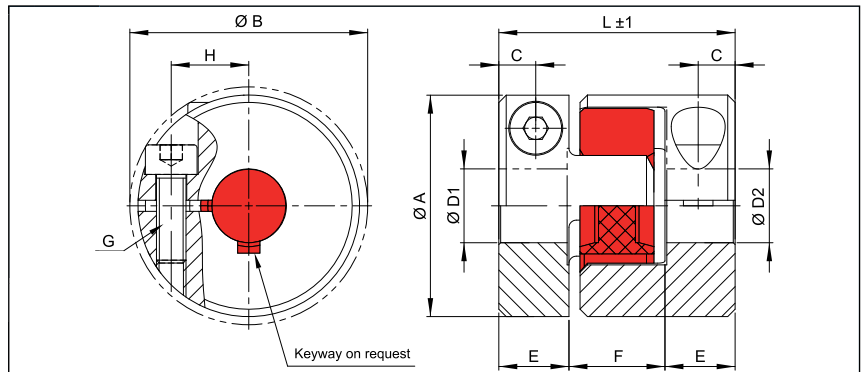


Servo Insert Coupling
compact

KBE2C



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	H	C	Ø B	G	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)
	Outer Ø	Length	Bore Sizes (H7) min-max						Screw (ISO4762) TA (Nm)							
7	14	18	3-7	5	8	x	2.5	16.7	M2 0.43	27000	6	0.00018	2.4	2	1.2	0.7
9	20	24	4-11	7	10	x	3.5	22.3	M2.5 0.85	19000	15	0.00085	6	5	3	1.8
12	25	26	4-12	7	12	x	3.5	27.3	M3 2	16000	23	0.00220	12	9	5	3
14	30	32	4-16	9.5	13	10.5	5	32.5	M4 4.5	13000	45	0.0166	16	12.5	7.5	4
19	40	50	8-21	17	16	14.5	8.5	46.3	M6 15	10000	139	0.0311	26	21	12	6
24	55	58	10-32	20	18	20	10	56.6	M6 15	7000	271	0.119	75	60	35	17
28	65	62	14-38	21	20	25	11	72.8	M8 40	6000	429	0.254	200	160	95	46
38	80	86	15-48	31	24	30	15	86.8	M8 84	5000	888	0.828	405	325	190	x
42	95	94	20-50	34	26	32	17.5	98.4	M10 145	4000	1425	1.866	560	450	265	x
48	105	110	20-62	41	28	36	23	107.4	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

Hub

spider element - polyurethane

Keyway

bore tolerance: H7

optional acc. DIN 6885

* Hubs for bores > 21H7 to 25H7 will be supplied with M5 screws.
Further spider elements and technical data are available on page 44 and 45.
All series are available with loose-fit spiders (see page 45).