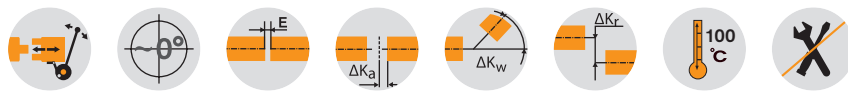
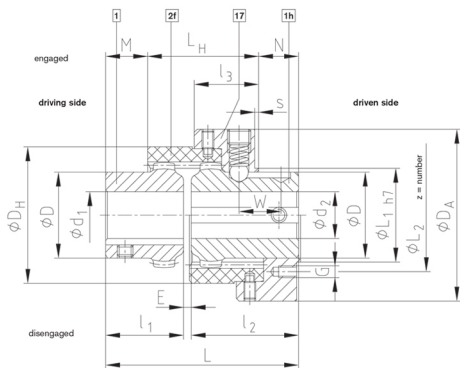


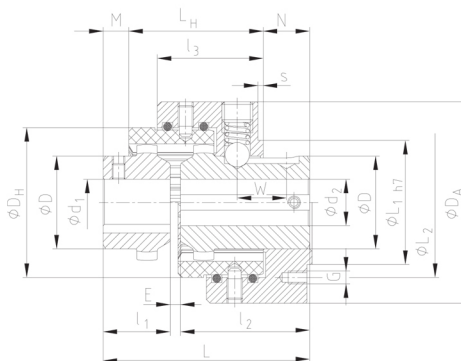
# Shiftable coupling (at standstill)



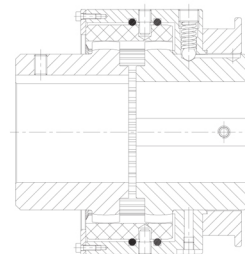
## Components



BoWex® SD



BoWex® SD-D



BoWex® SD-D3

### BoWex® type SD

Size	Pilot bore		Finish bore d1, d2			Dimensions [mm]													Weight with max. bore Ø		Mass moment of inertia J with max. bore Ø		Shifting force [N]
	Un-bored	Pilot bored	d1	d1 max.	d2 max.	E	l1	l2	L	LH	l3	M	W	N	D	DH	DA	Shifting hub with sleeve [kg]	Driving hub [kg]	Shifting hub with sleeve [kgcm2]	Driving hub [kgcm2]		
24 SD	x	-	24	24	4	26	50	80	52	31	10	19	18	36	58	78	1,08	0,14	8,23	0,36	140		
28 SD	x	-	28	28	4	40	55	99	57	33	21,5	21,5	20,5	44	70	88	1,50	0,33	15,62	1,22	180		
32 SD	x	-	32	32	4	40	55	99	58	33	20,5	21,5	20,5	50	84	100	1,85	0,43	22,87	2,17	180		
45 SD	x	-	45	45	4	42	60	106	63	37	21,5	22,5	21,5	65	100	125	2,56	0,68	46,07	5,66	250		
48	50	114	29,5																				
65 SD	-	21	65	65	4	55	70	129	77	37	28	25	24	95	140	156	5,07	2,30	158,99	43,96	350		
80 SD	-	31	80	80	6	90	90	186	96	47	56	35	34	124	175	195	10,60	5,20	523,7	150,8	350		
100 SD	-	38	100	100	8	110	110	228	113	55	72	43	43	152	210	235	18,87	9,37	1350	401,3	400		
125 SD	-	45	125	125	10	140	140	290	149	70	89	52	52	192	270	298	40,40	9,44	4919	1362,3	450		

### Connection dimensions of BoWex® SD shifting ring (comp. 17) for mounting of: slip ring SD1 (s. catalogue on p. 87), shifting disk etc.

Size	Dimensions [mm]			
	L1	L2	z x G	s
24 SD	48	58	4 x M6	2
28 SD	48	58	4 x M6	2
32 SD	64	75	4 x M6	2
45 SD	75	90	4 x M8	2
65 SD	100	114	4 x M8	2
80 SD	130	145	4 x M8	3
100 SD	180	196	6 x M10	4
125 SD	220	236	6 x M10	4

Performance data / torques see type M (page 84), max circumferential speed v=20 m/s, referring to ø DA  
Other sizes on request

### Ordering example:

BoWex® 32 SD	d1 Ø32	d2 Ø32
Size and type of coupling	Finish bore H7 keyway to DIN 6885 sheet 1 (JS9)	Finish bore H7 keyway to DIN 6885 sheet 1 (JS9)