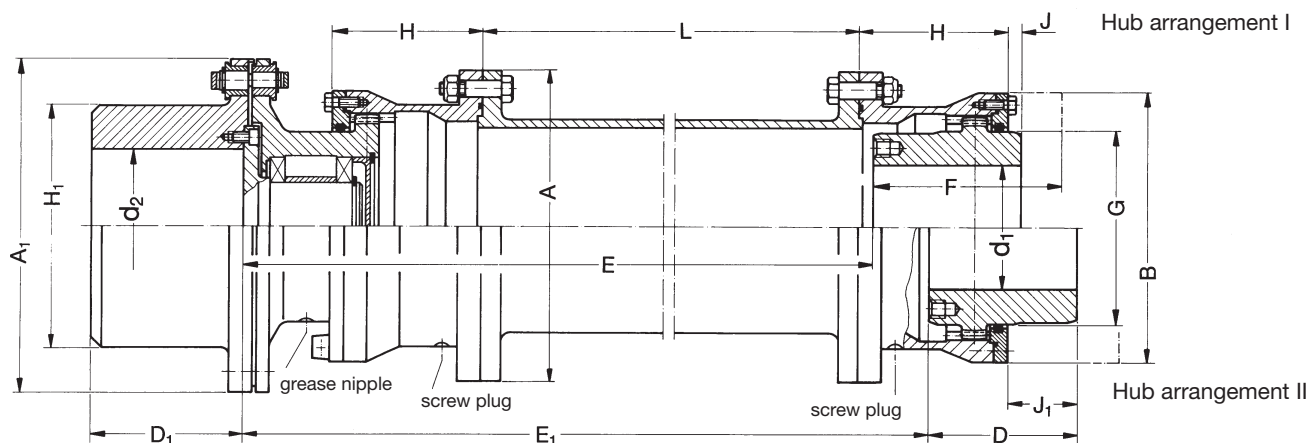


Curved Tooth Couplings Shear Pin Design Type SBBLk



Table of Dimensions No. 243 198



1) Values for complete coupling with max. d_1 ; d_2 bores without spacer

Type	Mass Moment of Inertia ¹⁾	Grease Quantity Coupling	Grease Quantity Ball Bearing	Weight ¹⁾
SBBLk	kgm ²	kg	kg	kg
Size	kgm ²	kg	kg	kg
38	0,011	0,085	0,02	6,0
48	0,030	0,09	0,03	13,7
60	0,062	0,17	0,06	21,1
70	0,148	0,25	0,09	35,7
80	0,248	0,35	0,17	48,5
90	0,39	0,40	0,22	61,5
100	0,72	0,60	0,27	88
110	0,97	0,75	0,34	104
125	1,50	1,0	0,44	132
140	2,71	1,3	0,6	178
160	4,56	1,6	1,0	258
180	8,34	2,6	1,3	370
200	14,65	3,3	1,8	510
225	25,48	4,8	2,3	710

The couplings of construction series SBBLk are equipped for grease lubrication.

The max. cut-off torque is about 2,5 times the normal torque for continuous operation.

The structure of the SBBLk series allows different arrangements for the hub in the housing, so that greater shaft distances can be bridged over. In case of taper bores, the enlarged E-dimension provides space for the use of shaft nuts.

Dimensions are subject to change due to technical progress.

Type SBBLk	Norm. duty $\frac{P_{KN}}{n}$ kW-min	Speed cont. $n_{max.}$ rpm	Bore			Dimensions												
			$d_1; d_2$	d_1	d_2	A	A ₁	B	D	D ₁	F	G	H	H ₁	J	J ₁	L	L
			min. mm	max. mm	max. mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
38	0,082	7500	12	42	50	118	125	92	60	60	90	60	58,5	80	5	17	E-115	E ₁ -127
48	0,146	6900	22	55	65	145	150	115	70	70	100	77	72	100	5	26	E-132,5	E ₁ -153,5
60	0,288	6300	22	65	75	165	180	135	80	80	110	90	82	120	5,5	32,5	E-155,5	E ₁ -182,5
70	0,50	5900	28	80	95	200	210	160	90	100	120	112,5	94,5	150	4	40	E-171	E ₁ -207
80	0,82	5400	28	92	105	220	230	178	100	110	130	128	105	170	4	46	E-185	E ₁ -227
90	1,14	5000	32	105	115	240	250	196	110	120	140	145	115	180	5	53	E-204	E ₁ -252
100	1,64	4700	32	115	130	270	280	225	125	130	150	160,5	130	205	7	58	E-216	E ₁ -267
110	2,30	4300	55	126	150	280	300	240	140	140	170	176	140	215	12	66	E-230	E ₁ -284
125	2,88	4000	65	145	160	310	325	265	150	150	180	200,5	150	230	13	71	E-244	E ₁ -302
140	4,60	3700	75	162	170	340	360	295	170	170	200	224,5	175	250	10	80	E-272	E ₁ -342
160	6,48	3200	85	185	200	390	410	325	190	190	230	256,5	190	290	16	88	E-305	E ₁ -377
180	9,24	2600	120	210	225	435	460	370	220	220	260	288,5	219	330	18	106	E-338	E ₁ -426
200	12,92	2400	140	230	250	480	525	415	250	250	300	320,5	249	360	19	121	E-381	E ₁ -483
225	18,40	2000	160	260	280	545	580	465	280	280	330	362	279	410	22	134	E-414	E ₁ -526