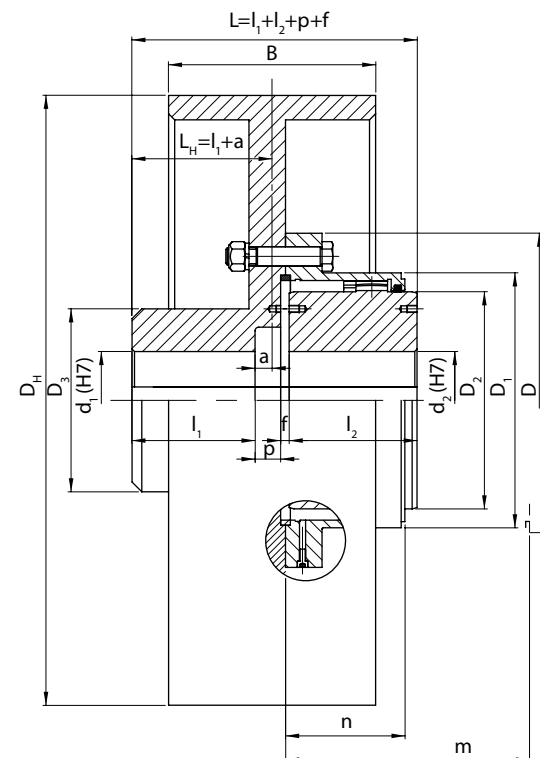


Example of designation of the SPJ-SBH coupling with the nominal torque of $M_n=1300$ Nm, brake drum diameter of $D_H=200$ mm, distance of the brake drum symmetry axis from the hub origin of $L_H=87$, hub holes diameters of $d_1=40$ mm, $d_2=45$ mm, hub holes lengths of $l_1=62$ mm, $l_2=82$ mm, size of 45 (marking see page A6-1):

1300-200-87-40/62-45/82-45 SPJ-SBH Brake drum gear coupling

Single-sided gear couplings are used in pairs with a spacer shaft.

In cases where journal misalignment is excluded, a single SPJ (SPJ-SBH) coupling may be used.



We also offer special designs according to the individual wishes of the customer.

We produce keyways as recommended, normally acc. to PN-70/M-85005, with the Js9 tolerance.

- 1) Dimension which defines the offset of the cage in order to check the position of the hubs and the state of meshing.
- 2) The moment of inertia have been determined for the coupling with no holes.
- 3) The weight have been determined for the coupling with the pilot bores.
- 4) On request, we produce couplings with the brake drums size different than in the table.

Nominal torque M_n	d_1, d_2		l_1		l_2		p	f	D	D_1	D_2	D_3	D_H 4)	B 4)	a	n	m 1)		Max rotational speed n_{max}	Moment of inertia 2) I	Weight 3) m	Coupling size and type
	max	nomin.	extend.	nomin.	extend.	nomin.											extend.					
Nm	mm																		1/min	kgm ²	kg	-
1300	45	62	82	43	80	31	5	111	80	67	80	200	75	25	41	73,5	81,5	3000	0,0585	13,1	45 SPJ-SBH	
		82	112			28	5				75	250	90	23					0,1525	17,1		
2800	60	82	112	50	114	31	5	141	103,5	87	90	250	90	25	47	83	115,5		0,1575	19,0	60 SPJ-SBH	
		112	142			34	5				90	320	110						0,5275	38,0		
5000	75	112	142	62	130	34	5	171	129,5	106	112	320	110	23	58,5	106	131,5		0,5400	41,3	75 SPJ-SBH	
		112	142			34	5				112	400	135						1,3300	62,3		
10000	95	142	172	76	146	33	6	210	156	130	142	400	135	23	68,5	124,5	148,5		1,3625	68,1	95 SPJ-SBH	
		142	174			33	6				142	500	170						3,6525	118,1		