

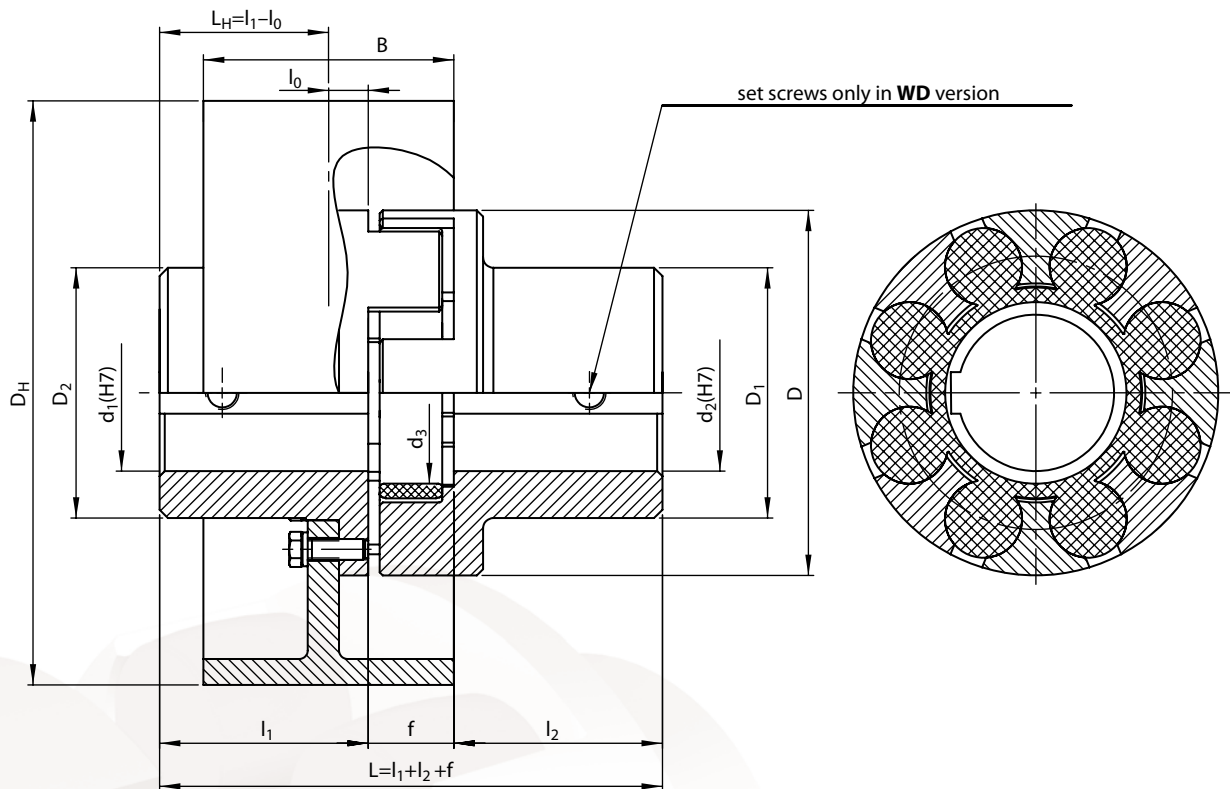
ASN-SBH BRAKE COUPLINGS

with brake drum

Example of designation of the ASN-SBH coupling with the nominal torque of $M_n=300$ Nm, brake drum diameter of $D_H=200$ mm, distance of symmetry axis of brake drum jacket of $L_H=55$, hub holes diameters of $d_1=40$ mm, $d_2=50$ mm, hub holes lengths of $l_1=56$ mm, $l_2=80$ mm, size of 003: (marking see page A2-1)

300-200-55-40/56-50/80-005 ASN-SBH Brake coupling

- the version „Ex” - 300-200-55-40/56-50/80-005 ASN-SBH-**Ex** Brake coupling
- the version “WD” - 300-200-55-40/56-50/80-005 ASN-SBH -**WD** Brake coupling
- with lead holes - 300-200-55-**ow**/56-**ow**/80-005 ASN-SBH Brake coupling



Nominal torque M_n Nm	d_1, d_2		l_1, l_2 ¹⁾		f	D	D_1	D_2	D_H ³⁾	B ³⁾	l_0 ⁴⁾	d_3	Max rotational speed ⁵⁾ n_{max} 1/min	Moment of inertia ²⁾ I kgm ²	Weight ²⁾ m kg	Coupling size and type
	initial	max	nomin.	extend.												
70	8	32	40	60	23	75	50	45	120	50	0	26	4000	0,0041	2,57	002 ASN-SBH
170	10	42	50	80	27	105	65	65	160	60	5	44	4000	0,0173	5,73	004 ASN-SBH
									200	80	0		3000	0,0497	9,12	
300	12	55	56	80	33	125	85	85	200	80	1	55	3000	0,0555	11,0	005 ASN-SBH
500	16	65	63	90	39	145	95	95	200	80	3	64	3000	0,0648	13,1	006 ASN-SBH
									250	100	3		2500	0,159	19,2	
800	20	80	75	110	41	175	120	120	250	100	5	87	2500	0,185	23,6	007 ASN-SBH
									320	120	0		2000	0,470	34,2	
1400	22	90	100	140	48	200	135	135	320	120	5	100	2000	0,516	41,4	008 ASN-SBH
									400	150	0		1800	1,333	61,1	
2100	26	100	110	140	50	230	150	150	400	150	5	115	1800	1,410	68,7	009 ASN-SBH
									500	190	5		1500	3,532	99,5	
3400	28	120	120	170	60	260	178	178	500	190	5	140	1500	3,708	112,4	010 ASN-SBH
5000	30	130	130	170	67	300	198	198	630	235	0	155	1200	10,81	197,6	011 ASN-SBH
									710	265	-10		1000	18,89	254,1	

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Nominal torque M_n	d_1, d_2		l_1, l_2 ¹⁾		f	D	D ₁	D ₂	D _H ³⁾	B ³⁾	l ₀ ⁴⁾	d ₃	Max rotational speed ⁵⁾ n _{max}	Moment of inertia ²⁾ I	Weight ²⁾ m	Coupling size and type
	initial	max	nomin.	extend.												
Nm	mm												1/min	kgm ²	kg	-
8300	30	140	165	210	73	360	210	210	630	235	8	210	1200	11,56	227,8	012 ASN-SBH
									710	265	0		1000	19,63	284,3	
11400	30	150	175	210	73	400	223	220	710	265	5	252	1000	20,38	309,5	013 ASN-SBH
18000		180	240	280	84	480	290	290	800	290	15	290	1000	36,98	486,2	014 ASN-SBH

We are also offering tailor-made special versions.

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

1) On request, we produce couplings with hub lengths different than the nominal and extended lengths provided in the table.

2) The weight and the moment of inertia have been determined for the coupling with the maximum holes and nominal lengths of the hubs.

3) On request, we produce couplings brake drums with dimensions different than those provided in the table

4) l₀ (L_H=l₀) dimension after the agreement can be changed according to the wish of the customer.

5) After the dynamic balance the maximum rotational speed can be increased (the dynamic balance must be agreed).

■ Couplings with brake drums Ø400 and bigger are normally balanced dynamically, other couplings are balanced statically.

■ After the agreement the couplings can be made with the holes for protective discs in hubs.

ASNZ-SBH BRAKE COUPLINGS

with brake drum and with replaceable pad without widening the pins

Example of designation of the ASNZ-SBH coupling with the nominal torque of M_n=300 Nm, brake drum diameter of D_H=200 mm, distance of symmetry axis of brake drum jacket of L_H=66, hub holes diameters of d₁=40 mm, d₂=50mm, hub holes lengths of l₁=56 mm, l₂=80 mm, size of 003: (marking see page A2-1)

300-200-66-40/56-50/80-005 ASNZ-SBH Brake coupling

- the version „Ex” - 300-200-55-40/56-50/80-005 ASNZ-SBH-**Ex** Brake coupling
- the version “WD” - 300-200-55-40/56-50/80-005 ASNZ-SBH -**WD** Brake coupling
- with lead holes - 300-200-55-**ow**/56-**ow**/80-005 ASNZ-SBH Brake coupling

Nominal torque M_n	d_1, d_2		l_1, l_2 ¹⁾		f	D	D ₁	D ₂	D _H ³⁾	B ³⁾	l ₀ ⁴⁾	d ₃	Max rotational speed ⁵⁾ n _{max}	Moment of inertia ²⁾ I	Weight ²⁾ m	Coupling size and type
	initial	max	nomin.	extend.												
Nm	mm												1/min	kgm ²	kg	-
70	8	32	40	60	32	75	50	45	120	50	6	26	4000	0,0042	2,66	002 ASNZ-SBH
170	10	42	50	80	38	105	65	65	160	60	5	44	4000	0,0181	6,22	004 ASNZ-SBH
									200	80	10		3000	0,0505	9,61	
300	12	55	56	80	46	125	85	85	200	80	10	55	3000	0,0573	11,74	005 ASNZ-SBH
500	16	65	63	90	52	145	95	95	200	80	8	64	3000	0,0690	14,39	006 ASNZ-SBH
									250	100	8		2500	0,164	20,45	
800	20	80	75	110	56	175	120	120	250	100	8	87	2500	0,194	25,45	007 ASNZ-SBH
									320	120	12		2000	0,479	36,01	
1400	22	90	100	140	62	200	135	135	320	120	9	100	2000	0,537	43,75	008 ASNZ-SBH
									400	150	14		1800	1,354	63,43	
2100	26	100	110	140	65	230	150	150	400	150	12	115	1800	1,437	71,70	009 ASNZ-SBH
									500	190	12		1500	3,559	102,5	
3400	28	120	120	170	78	260	178	178	500	190	17	140	1500	3,757	116,4	010 ASNZ-SBH

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