ASNY-STH DISC COUPLINGS

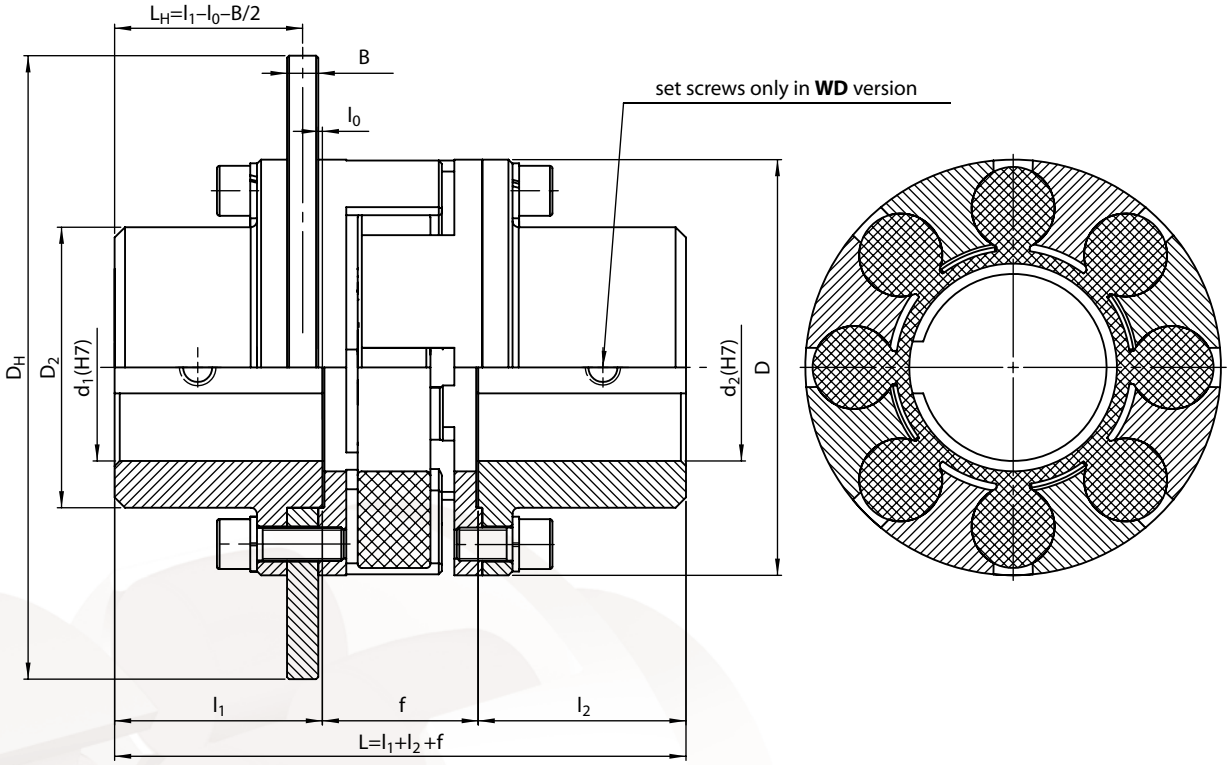
With the possibility of replacement of the insert without the necessity of drawing the pins aside and with the brake disc with the possibility of its disassembly without removing the hub from the pin.

Example of designation of the ASNY-STH coupling with the nominal torque of M_n=800Nm, brake disc diameter of D_H=400 mm, thickness of B=30 mm, distance of the brake disc symmetry axis L_H=83,5 mm, hub hole diameters of d_1=60mm, d_2=80mm, hub holes lengths of l_1=100mm, l_2=140mm,size of 007: (marking see page A2-1)

800-400x30-83,5-60/100-80/140-007 ASNY-STH Disc Coupling

- the version „Ex" - 800-400x30-83,5-60/100-80/140-007 ASNY-STH–**Ex** Disc Coupling
- the version "WD"- 800-400x30-83,5-60/100-80/140-007 ASNY-STH – **WD** Disc Coupling
- with lead holes - 800-400x30-83,5-**ow**/100-**ow**/140-007 ASNY-STH Disc Coupling

To replace the insert without the necessity of drawing the pins aside, they cannot inside the clutch stand out the edges of the hub.



Nominal torque M_n	d_1, d_2		l_1, l_2 [1]		f	D	D_2	D_H×B [3]	l_0 [4]	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	–
300	12	55	56	80	58	125	85	320 x 30	1,5	2000	0,253	24,1	005 ASNY-STH
500	16	65	63	90	64	145	95	320 x 30	1,5	2000	0,267	27,1	006 ASNY-STH
								355 x 30		1800	0,391	31,4	
800	20	80	75	110	70	175	120	400 x 30	1,5	1500	0,648	42,7	007 ASNY-STH
								450 x 30		1500	1,002	50,5	
1400	22	90	100	140	75	200	135	450 x 30	2,0	1500	1,070	58,5	008 ASNY-STH
								500 x 30		1500	1,564	67,2	
2100	26	100	110	140	80	230	150	500 x 30	2,0	1500	1,652	75,9	009 ASNY-STH
								630 x 30		1200	3,835	102,9	
3400	28	120	120	170	95	260	178	630 x 30	2,0	1200	4,052	117,4	010 ASNY-STH
								710 x 30		1000	6,271	137,1	
5000	30	130	130	170	105	300	198	710 x 30	2,5	1000	6,649	158,1	011 ASNY-STH
								800 x 30		1000	10,22	183,1	

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Nominal torque M_n	d_1, d_2		l_1, l_2 [1]		f	D	D_2	$D_H \times B$ [3]	l_0 [4]	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	125	360	210	800 x 40	2,5	1000	14,39	262,5	012 ASNY-STH
11400	30	150	175	210	125	400	220	800 x 40	2,5	1000	15,11	277,7	013 ASNY-STH
								1000 x 40		1000	33,19	365,9	
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 discs with dimensions different than those provided in the table
4) l_0 (L_H=l_1-l_0-B/2) 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 disc Ø450 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.

ASNG FLEXIBLE COUPLINGS

With the possibility of replacement of the insert without the necessity of drawing the pins aside

BRAKE – ASNG-SBH with brake drum
DISC – ASNG-STH with brake disc

Example of designation of the ASNG couplings with the nominal torque of M_n=8300 Nm, hub holes diameters of d_1=140 mm, d_2=120mm, hub holes lengths of l_1=250 mm, l_2=200 mm, size of 022: (marking see page A2-1)

8300-140/250-120/200-022 ASNG Flexible Coupling

brake drum diameter of D_H=710 mm, distance of symmetry axis of brake drum jacket of L_H=240mm,

8300-710-240-140/250-120/200-022 ASNG-SBH Brake coupling

brake disc diameter D_H=710 and thickness of B=30 mm, distance of symmetry axis of brake disc L_H=231 mm

8300-710x30-231-140/250-120/200-022 ASNG-STH Disc coupling

- the version „Ex" – 8300-140/250-120/200-022 ASNG-**Ex** Flexible coupling
  8300-140/250-120/200-022 ASNG-SBH–**Ex** Brake coupling
  8300-140/250-120/200-022 ASNG-STH–**Ex** Disc coupling

Nominal torque M_n	d_1	d_2	l_1, l_2 [1]		f	D	D_H [3]	B [3]	l_0 [4]	Max rotational speed [5] n_{max}	Moment of inertia [2] I	Weight [2] m	Coupling size and type
	max		nomin.	extend.									
Nm	mm									1/min	kgm^2	kg	–
5000	120	110	165	210	30	300	–	–	–	2250	0,66	64	021 ASNG
							500	190	10	1500	4,34	141	021 ASNG-SBH
							630	235		1200	11,26	207	
							710	265		1000	18,11	250	
							710	30	4	1000	6,52	159	021 ASNG-STH
							800	30		1000	10,09	184	

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