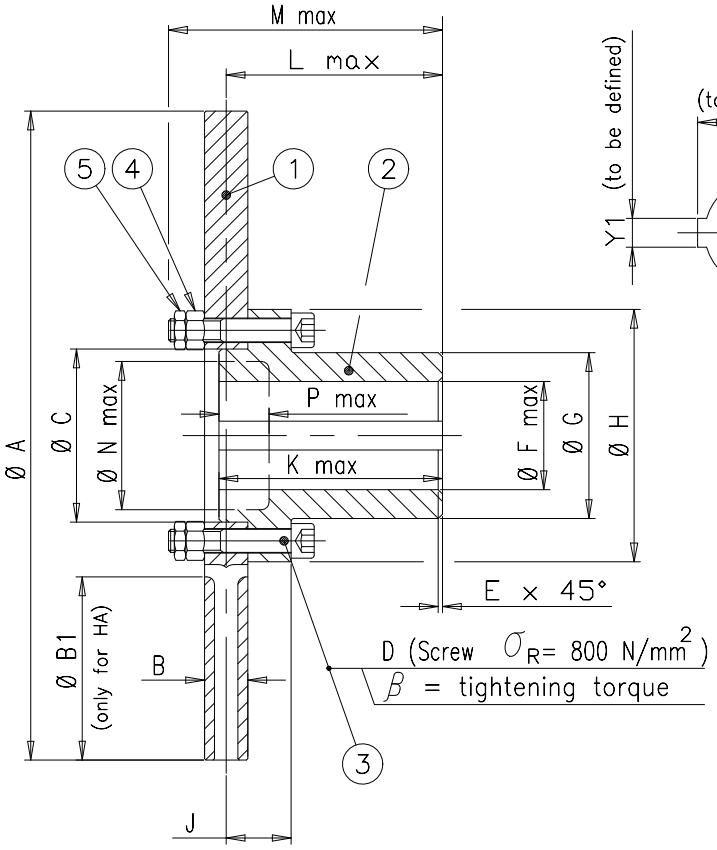
DISCS WITH HUB — HA, HP, HS

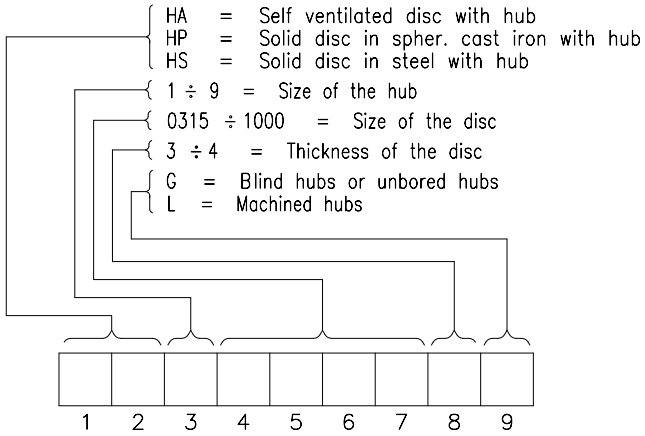
HA HP HS - TECHNICAL DATA SHEET — DIS-02

Self-ventilated Discs in spheroidal cast iron and solid Discs in spheroidal cast iron and in steel St52-3 mounted on Hubs using screws DIN 912-R120.

BEVEL DIMENSIONS Bore Diameters F	E x 45°
up to 30	1,4
from 31 to 40	1,8
from 41 to 50	2,5
from 51 to 60	3
from 61 to 80	4
from 81 to 100	5
from 101 to 120	6
more than 120	7

POS.	SPARE PARTS	CODE
1	Self ventilated disc	DWA
1	Solid disc in cast iron	DWP
1	Solid disc in steel	DWS
2	Hub	HUB
3	Screw	DIN 912
4	Nut	DIN 934
5	Lock Nut	DIN 936





TYPE	Ø A	Max Torque (daN·m)	Max Speed (giri/min)	B	B 1	Ø C H7/f7	D nr. of Screws	D Ø	D β (daN·m)	Ø F max	Ø G	Ø H	J	K max	L max	M max	Ø N max	P max	I (kg·m²) (1) Ventil	I (kg·m²) (1) Solid	Mass (kg) (1) Ventil	Mass (kg) (1) Solid
HA(HP,HS)103153G(L)	315	107	4850	30	86	80	9	M10	5,1	50	80	123	43	125	120	152	66	12	0,13	0,23	15,7	21,9
HA(HP,HS)203553G(L)	355	170	4310	30	86	95	9	M12	8,7	55	90	145	43	155	150	187	73	14	0,22	0,38	21,6	29,6
HA(HP,HS)204003G(L)	400	170	3820	30	106	95	9	M12	8,7	55	90	145	43	155	150	187	73	14	0,37	0,61	26,2	35,9
HA(HP,HS)304003G(L)		275			106	120	12	M12	8,7	70	115	170	45	155	150	185	90	16	0,37	0,62	30,4	40,0
- HP(HS)404003G(L)		440			-	140	12	M14	13,8	85	135	196	53	195	190	227	107	18	-	0,67	-	48,8
HA(HP,HS)204503G(L)	450	170	3400	30	126	95	9	M12	8,7	55	90	145	43	155	150	187	73	14	0,54	0,96	31,3	43,7
HA(HP,HS)304503G(L)		275			126	120	12	M12	8,7	70	115	170	45	155	150	185	90	16	0,56	0,98	35,5	47,8
- HP(HS)404503G(L)		440			-	140	12	M14	13,8	85	135	196	53	195	190	227	107	18	-	1,02	-	56,7
HA(HP,HS)305003G)L)	500	275	3060	30	126	120	12	M12	8,7	70	115	170	45	155	150	185	90	16	0,87	1,48	42,4	56,6
HA(HP,HS)405003G(L)		440			126	140	12	M14	13,8	85	135	196	53	195	190	227	107	18	0,91	1,52	51,4	65,5
HA(HP,HS)505003G(L)		650			126	170	12	M14	13,8	95	164	230	53	195	190	227	119	20	0,99	1,60	61,0	75,0
- HP(HS)605003G(L)		1050			-	200	15	M16	21,2	110	182	260	60	200	195	235	138	23	-	1,71	-	84,6
HA(HP,HS)405603G(L)	560	440	2730	30	127	140	12	M14	13,8	85	135	196	53	195	190	227	107	18	1,35	2,35	57,9	77,2
HA(HP,HS)505603G(L)		650			127	170	12	M14	13,8	95	164	230	53	195	190	227	119	20	1,43	2,42	67,6	86,7
HA(HP,HS)605603G(L)		1050			127	200	15	M16	21,2	110	182	260	60	200	195	235	138	23	1,54	2,53	77,4	96,4
HA(HP,HS)506303G(L)	630	650	2425	30	162	170	12	M14	13,8	95	164	230	53	195	190	227	119	20	2,17	3,79	76,9	102
HA(HP,HS)606303G(L)		1050			162	200	15	M16	21,2	110	182	260	60	200	195	235	138	23	2,28	3,90	86,7	112
HA(HP,HS)607103G(L)	710	1050	2150	30	137	200	15	M16	21,2	110	182	260	60	200	195	235	138	23	3,60	6,14	101	122
HA(HP,HS)707103G(L)		1400			137	220	12	M18	29,2	120	200	300	60	200	195	235	150	25	3,77	6,31	112	142
HA(HP,HS)807103G(L)		2500			137	230	12	M24	71,0	140	225	360	63	235	230	277	156	28	4,29	6,83	143	174
HA(HP,HS)708003G(L)	800	1400	1910	30	182	220	12	M18	29,2	120	200	300	60	200	195	235	150	25	5,68	9,90	127	167
HA(HP,HS)808003G(L)		2500		30	182	230	12	M24	71,0	140	225	360	63	235	230	277	156	28	6,20	10,4	158	199
HA(HP,HS)808004G(L)		2500		42	182	230	12	M24	71,0	140	225	360	69	235	236	287	156	28	7,87	14,2	177	242
HA(HP,HS)908003G(L)		3300		30	182	230	12	M24	71,0	150	225	400	63	235	230	277	190	30	6,52	10,7	166	206
HA(HP,HS)908004G(L)		3300		42	182	230	12	M24	71,0	150	225	400	69	235	236	287	190	30	8,18	14,5	184	250
HA(HP,HS)909003G(L)	900	3300	1700	30	159	230	12	M24	71,0	150	225	400	63	235	230	277	190	30	9,81	16,4	192	238
HA(HP,HS)909004G(L)		3300		42	159	230	12	M24	71,0	150	225	400	69	235	236	287	190	30	12,1	22,5	213	294
HA(HP,HS)910003G(L)	1000	3300	1530	30	209	230	12	M24	71,0	150	225	400	63	235	230	277	190	30	14,3	24,4	216	273
HA(HP,HS)910004G(L)		3300		42	209	230	12	M24	71,0	150	225	400	69	235	236	287	190	30	18,1	33,6	244	343

1) The masses and inertia are calculated with bores F at the maximum value.
N.B. The standard tolerancs are H7 for bores and H9 for slots.

With the right to bring any variation without notice