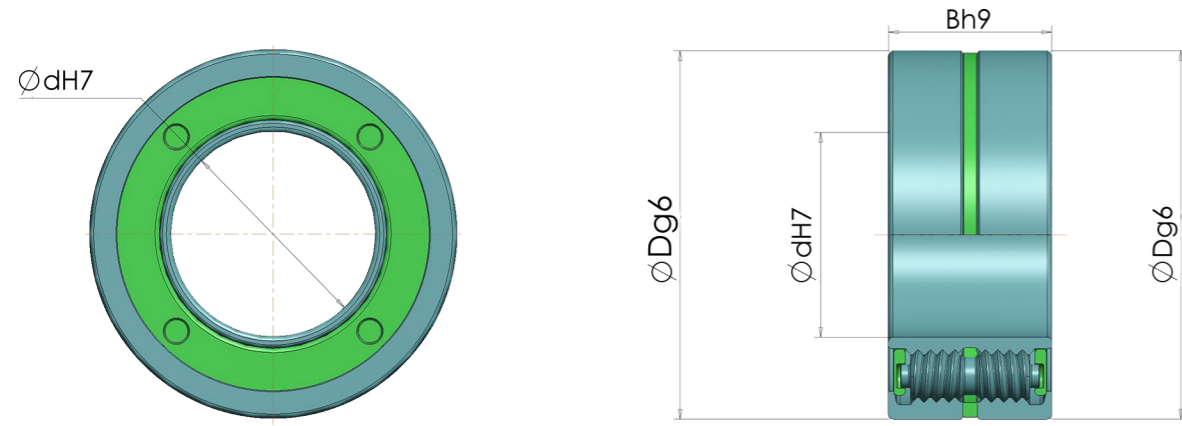


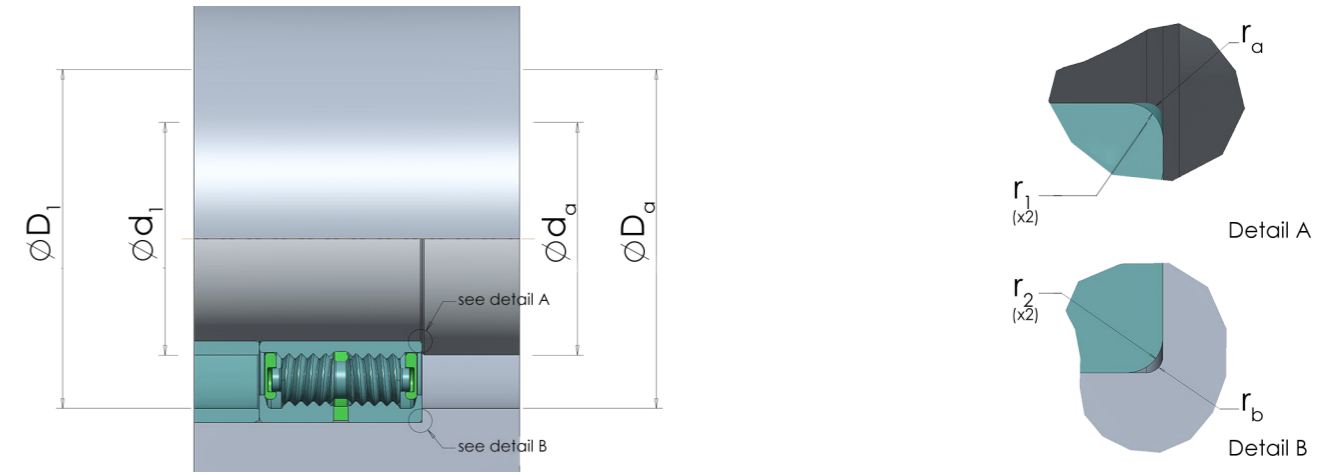
**HHS – Single High-Capacitive HRB**  
d 12 – 150 mm



Principal dimensions			Basic load ratings		Lifetime benefit <sup>(1)</sup>	Speed ratings		Mass
d	D	B	C	C <sub>0</sub>		Reference speed	Limiting speed	
mm			kN		–	r/min		kg
12	37	24	28	31	4x	25000	29100	0.16
15	42	26	35	41	4x	20000	23300	0.21
17	47	28	42	53	4x	17600	20500	0.28
20	52	30	65	74	10x	15000	17500	0.37
25	62	34	90	111	9x	12000	14000	0.58
30	72	38	117	158	8x	10000	11600	0.85
35	80	42	145	210	10x	8500	10000	1.12
40	90	46	177	271	10x	7500	8700	1.53
45	100	50	210	340	10x	6600	7700	2.02
50	110	54	284	384	13x	6000	7000	2.63
55	120	58	341	513	15x	5400	6300	3.33
60	130	62	377	595	11x	5000	5800	4.15
65	140	66	414	683	11x	4600	5300	5.09
70	150	70	479	854	13x	4200	5000	6.13
75	160	74	518	959	14x	4000	4600	7.34
80	170	78	644	1226	22x	3700	4300	8.76
85	180	82	702	1395	21x	3500	4100	10.29
90	190	86	764	1582	23x	3300	3800	11.92
95	200	90	825	1774	23x	3100	3600	13.78
100	215	94	893	1991	17x	3000	3500	16.94
110	240	100	986	2274	16x	2700	3100	22.64
120	260	110	1160	2941	27x	2500	2900	29.02
130	280	116	1253	3266	22x	2300	2600	35.21
140	300	120	1343	3596	21x	2100	2500	41.65
150	320	134	1581	4681	25x	2000	2300	52.47

(<sup>1</sup>): It compares the bearing with a set of 2xACBBs of the same dimensions

**HHS – Mounting on an end shaft**



Designations Herringbone Roller Bearing	Dimensions				Abutment and fillet			
	d	d <sub>1</sub>	D <sub>1</sub>	r <sub>1,2</sub> max	d <sub>a</sub> max	D <sub>a</sub> min	r <sub>a</sub> max	r <sub>b</sub> max
–	mm							
<b>HHS - 012</b>	12	18	31	1	18	31	1	0.6
<b>HHS - 015</b>	15	21	36	1	21	36	1	0.6
<b>HHS - 017</b>	17	23	41	1	23	41	1	0.6
<b>HHS - 020</b>	20	27	45	1.1	27	45	1	0.6
<b>HHS - 025</b>	25	32	55	1.1	32	55	1	0.6
<b>HHS - 030</b>	30	37	65	1.1	37	65	1	0.6
<b>HHS - 035</b>	35	44	71	1.5	44	71	1.5	0.6
<b>HHS - 040</b>	40	49	81	1.5	49	81	1.5	0.6
<b>HHS - 045</b>	45	54	91	1.5	54	91	1.5	0.6
<b>HHS - 050</b>	50	61	99	2	61	99	2	0.6
<b>HHS - 055</b>	55	66	109	2	66	109	2	1
<b>HHS - 060</b>	60	72	118	2.1	72	118	2	1
<b>HHS - 065</b>	65	77	128	2.1	77	128	2	1
<b>HHS - 070</b>	70	82	138	2.1	82	138	2	1
<b>HHS - 075</b>	75	87	148	2.1	87	148	2	1
<b>HHS - 080</b>	80	92	158	2.1	92	158	2	1
<b>HHS - 085</b>	85	99	166	3	99	166	2.5	1
<b>HHS - 090</b>	90	104	176	3	104	176	2.5	1
<b>HHS - 095</b>	95	109	186	3	109	186	2.5	1
<b>HHS - 100</b>	100	114	201	3	114	201	2.5	1
<b>HHS - 110</b>	110	124	226	3	124	226	2.5	1
<b>HHS - 120</b>	120	134	246	3	134	246	2.5	1
<b>HHS - 130</b>	130	147	263	4	147	263	3	1.5
<b>HHS - 140</b>	140	157	283	4	157	283	3	1.5
<b>HHS - 150</b>	150	167	303	4	167	303	3	1.5

