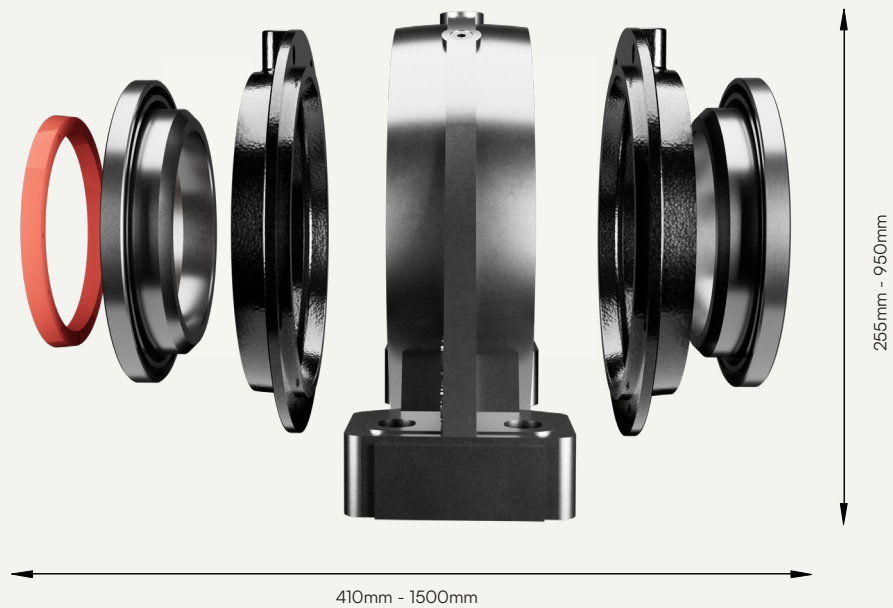
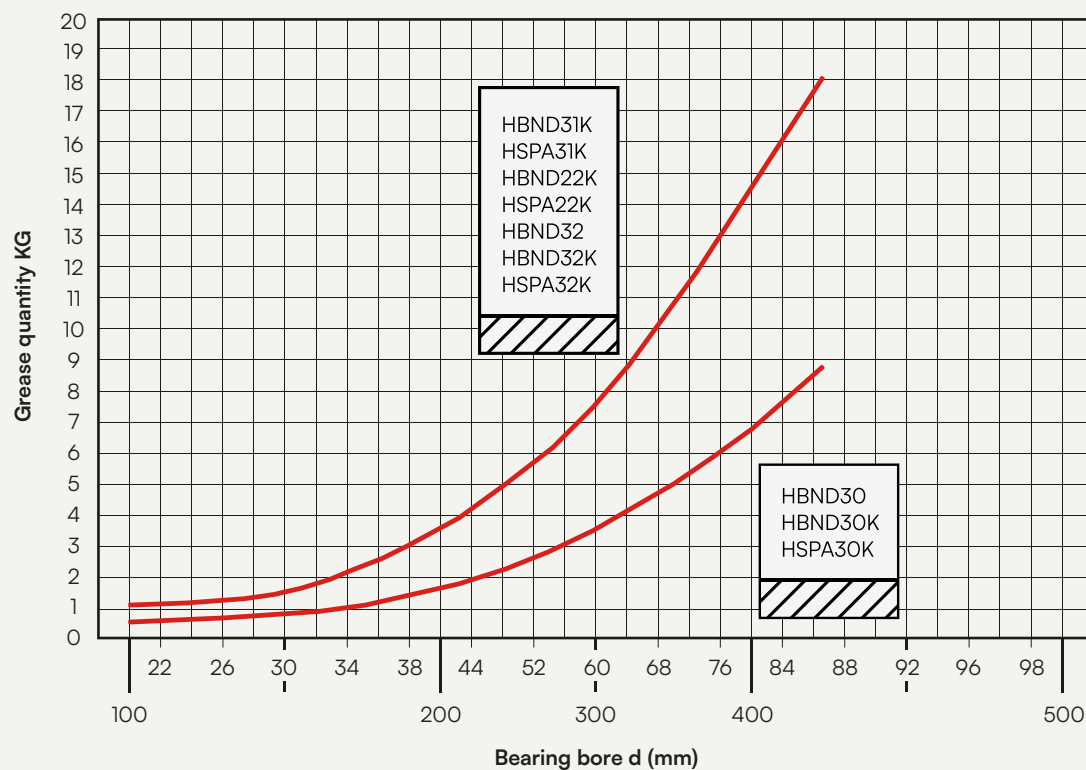


HBND





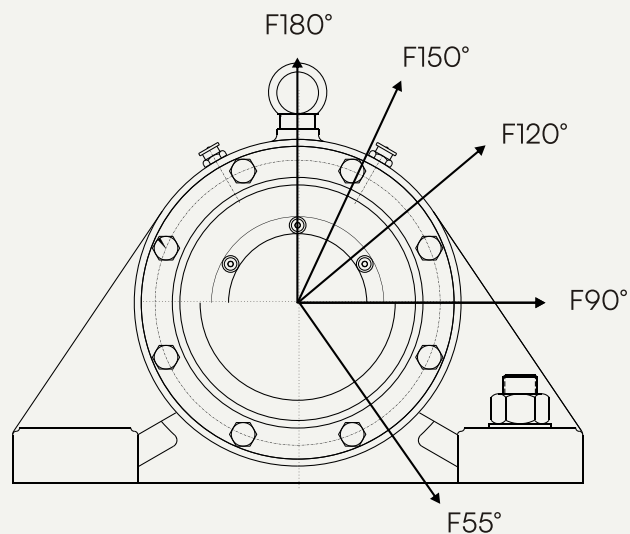
Grease quantity initial filling

The undivided housings of the HBND series are designed for the installation of spherical roller bearings.

- Shaft diameter: from 60 to 670 mm.
- Sealing is achieved through labyrinth rings.
- The bearing seat in the housing is machined to tolerance G7.
- Standard material: Cast steel GS45.

Upon request, these housings can also be supplied in a different material, as well as with alternative sealing options.

Breaking load



In general, a safety factor of 6 is recommended against the guideline values for the casing breaking load

Housing				Breaking load				
				55° kN	90° kN	120° kN	150° kN	180° kN
HBND2213				632	504	418	333	418
HBND2215				836	670	551	442	551
HBND2218				1069	855	708	565	708
HBND2220	HBND3024			1259	1017	969	774	969
		HBND3122		1805	1454	1601	1278	1601
HBND2222	HBND3026			1501	1211	1064	874	1064
		HBND3124	HBND3222	1781	1425	1601	1278	1601
HBND2224	HBND3028			1696	1359	1164	97	1164
		HBND3126	HBND3224	1919	1530	1648	1316	1648
HBND2226	HBND3030			1938	1549	2033	1648	2033
	HBND3032			2180	1743	2133	1743	2133
		HBND3128	HBND3326	2180	1743	1648	1316	1648
HBND2228	HBND3034			2617	2085	2136	1743	2133
		HBND3130	HBND3328	2617	2085	1696	1359	1696
HBND2230	HBND3036			2907	2328	2133	1743	2133
		HBND3132	HBND3230	2955	2375	1743	1397	1743
HBND2232	HBND3038			3197	2570	2328	1843	428
		HBND3134	HBND3232	3392	2712	1843	1473	1843
HBND2234	HBND3040			2729	2955	2907	2328	2907
		HBND3136	HBND3234	4071	3244	1938	1596	1938
HBND2236				4213	3392	3297	2617	3297
HBND2238	HBND3044			4213	3392	3297	2617	3297
		HBND3138	HBND3236	4361	4489	2033	1629	2033
		HBND3140	HBND3238	5330	4313	2180	1743	2180
HBND2240	HBND3048			4798	3829	4650	3681	4650



HBND...-K



HSPA

The non-split housings of the HBND series are specifically designed for the installation of self-aligning roller bearings. The shaft diameter ranges from 60 to 670 mm. The sealing is achieved through the use of labyrinth rings. The bearing seat inside the housing is precision-machined to the G7 tolerance class. The standard material for these housings is GS45 steel casting. Upon customer request, these housings can also be manufactured from a different material and alternative sealing options can be provided.

**HBND / HBND....-K
HSPA**



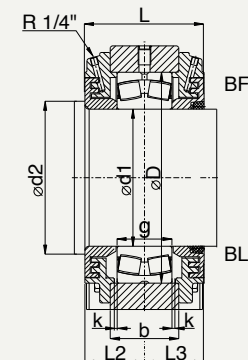
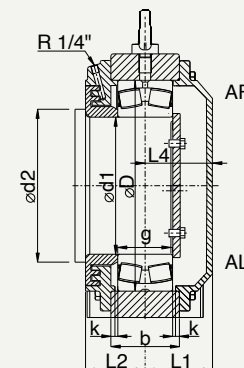
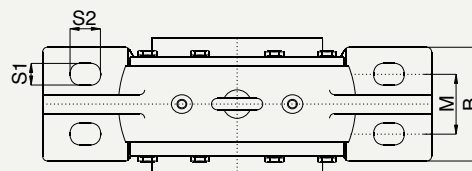
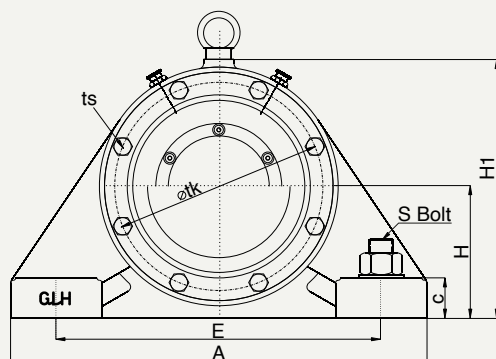
KG 18kg - 1960kg



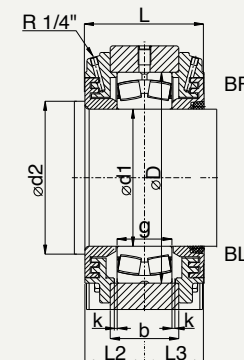
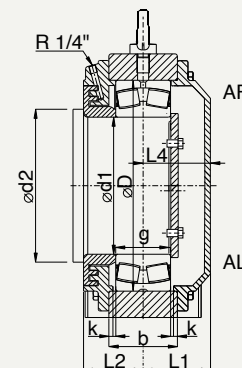
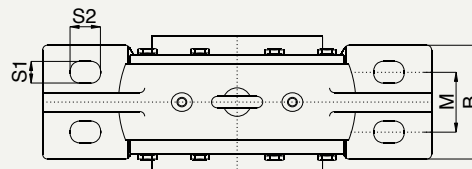
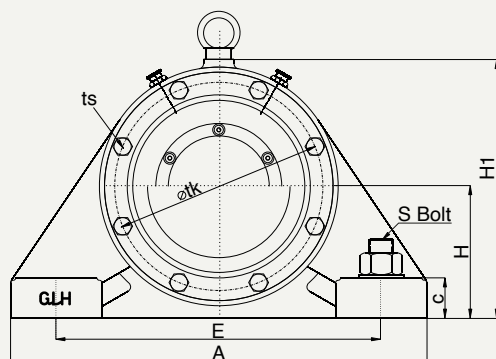
50mm - 420mm



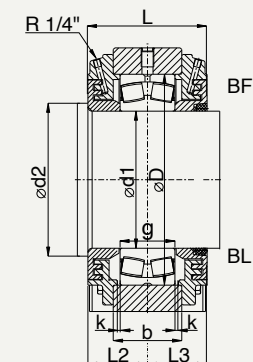
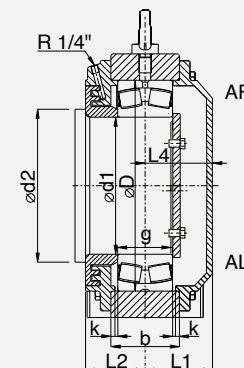
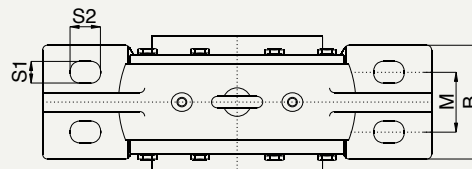
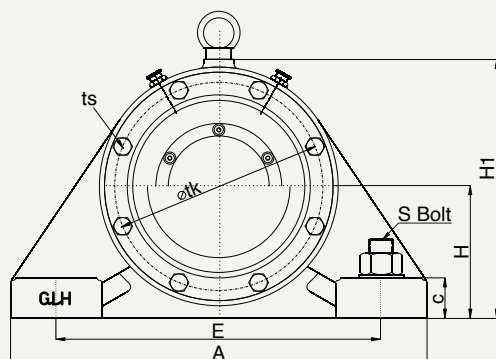
7m/s - 30m/s



Article	d1	d2 min.	A	E	D	g	b	L	L1	L2	L3	L4	B	M	H	H1	C	k	tk	S Bolt	s1	s2	ts	Bearing	kg
HBND3220	100	108	410	320	180	60,3	80	140	65	70	70	47	120	63	130	255	40	2,5	205	M20	23	32	M10	23220	45
HBND3222	110	118	440	350	200	69,8	90	161	68	78	83	52	130	70	140	280	42	2,5	230	M24	30	35	M12	23222	45
HBND3024	120	128	370	300	180	46	60	130	65	65	65	47	110	60	115	230	35	2,5	200	M20	23	35	M10	23024	30
HBND3224	120	128	470	370	215	76	95	171	78	83	88	62	140	75	150	300	42	2,5	245	M24	30	35	M12	23224	52
HBND3026	130	138	410	340	200	52	70	136	65	68	68	50	120	60	130	260	38	2,0	225	M20	23	35	M12	23026	35
HBND3226	130	142	500	400	230	80	100	196	78	103	103	64	150	85	160	315	45	3,0	260	M24	30	40	M12	23226	65
HBND3028	140	148	430	360	210	53	70	136	68	68	68	51	130	70	140	275	40	3,0	235	M24	30	35	M10	23028	43
HBND3228	140	152	530	430	250	88	110	196	88	98	98	68	160	85	170	345	50	3,0	285	M24	30	42	M16	23228	78
HBND3030	150	158	455	370	225	56	80	156	71	78	78	57	140	80	145	290	42	2,0	250	M24	30	35	M12	23030	50
HBND3230	150	162	550	450	270	96	120	210	95	105	105	76	170	90	180	365	54	3,0	305	M30	36	45	M16	23230	95
HBND3032	160	168	480	390	240	60	85	156	78	78	78	59	150	90	155	310	45	4,0	265	M24	30	35	M12	23032	58
HBND3232	160	172	600	490	290	104	130	230	98	115	115	80	180	105	190	385	58	3,0	330	M30	36	45	M16	23232	128
HBND3034	170	178	510	420	260	67	90	166	83	83	83	63	160	95	165	330	50	2,0	285	M30	36	45	M12	23034	70
HBND2234	170	186	640	525	310	110	135	256	103	128	128	82	200	110	200	405	62	3,0	345	M30	36	45	M16	22234	145
HBND3234	170	186	640	525	310	110	135	256	103	128	128	82	200	110	200	405	62	3,0	345	M30	36	45	M16	23234	162
HBND3036	180	188	540	450	280	74	100	176	88	88	88	66	170	100	180	360	52	3,0	310	M30	36	45	M12	23036	91
HBND3236	180	196	680	550	320	112	140	270	110	135	135	84	210	120	210	425	65	3,0	360	M30	36	45	M16	23236	178
HBND3038	190	198	570	480	290	75	105	186	88	93	93	67	180	105	185	370	55	3,0	325	M30	36	45	M16	23038	102



Article	d1	d2 min.	A	E	D	g	b	L	L1	L2	L3	L4	B	M	H	H1	C	k	tk	S Bolt	s1	s2	ts	Bearing	kg
HBND3238	190	206	710	560	340	120	150	256	6113	128	128	88	220	120	220	455	85	4,0	385	M30	36	45	M16	23238	225
HBND3040	200	208	600	510	310	82	110	196	98	98	98	70	190	110	200	400	60	3,0	340	M30	36	45	M16	23040	120
HBND3140	200	212	710	560	340	112	135	256	113	128	128	88	220	120	220	455	85	2,0	380	M36	42	52	M16	23140	235
HBND3240	200	216	780	640	360	128	165	276	118	138	138	101	240	140	235	475	75	4,0	405	M36	42	52	M16	23240	265
HBND3044	220	232	640	540	340	90	115	206	103	103	103	78	200	115	215	430	65	3,0	375	M36	42	52	M20	23044	135
HBND3244	220	236	850	700	400	144	175	294	132	147	147	106	250	140	260	525	80	4,0	445	M36	42	52	M24	23244	330
HBND3048	240	252	680	560	360	92	120	216	108	108	108	79	210	120	225	455	70	4,0	400	M36	42	52	M20	23048	170
HBND3248	240	256	900	750	440	160	190	313	138	150	163	114	250	140	290	585	90	3,0	490	M36	42	52	M24	23248	440
HBND3052	260	276	720	600	400	104	130	226	113	113	113	85	220	130	250	500	75	4,0	440	M36	42	52	M20	23052	215
HBND3252	260	280	960	800	480	174	205	335	157,5	167	167	121	290	160	310	625	95	3,0	535	M36	42	65	M24	23252	530
HBND3056	280	296	760	630	420	106	135	236	118	118	118	91	240	140	260	520	80	4,0	460	M36	42	65	M20	23056	240
HBND3256	280	300	1.000	840	500	176	210	360	165	180	180	127	300	170	320	645	100	4,0	555	M36	42	65	M30	23256	650
HBND3060	300	316	820	690	460	118	140	266	133	133	133	97	250	150	285	570	85	4,0	510	M36	42	65	M20	23060	300
HBND3260	300	320	1.100	920	540	192	230	377	162	187	190	133	330	180	350	705	105	4,0	600	M48	56	75	M30	23260	770
HBND3064	320	336	860	730	480	121	150	266	133	133	133	100	260	160	295	590	90	4,0	530	M36	42	65	M20	23064	335
HBND3264	320	340	1.150	960	580	208	250	384	187	192	192	146	360	200	370	745	115	5,0	640	M56	60	75	M30	23264	915
HBND3068	340	360	900	770	520	133	160	268	143	133	135	110	270	170	315	630	95	5,0	565	M36	42	65	M24	23068	395
HBND3268	340	364	1.200	980	620	224	265	424	217	212	212	154	380	200	390	785	125	5,0	680	M56	60	75	M36	23268	1.050



Article	d1	d2 min.	A	E	D	g	b	L	L1	L2	L3	L4	B	M	H	H1	C	k	tk	S Bolt	s1	s2	ts	Bearing	kg
HBND3072	360	380	960	820	540	134	170	276	148	138	138	110	280	180	330	660	100	5,0	590	M36	42	65	M24	23072	450
HBND3272	360	384	1.280	1.040	650	232	275	454	222	227	227	170	400	210	410	820	130	5,0	710	M64	72	80	M36	23272	1.300
HBND3076	380	400	1.000	840	560	135	160	284	152	142	142	110	300	190	340	680	105	7,0	610	M48	56	75	M24	23076	490
HBND3276	380	404	1.350	1.110	680	240	295	464	257	232	232	180	405	225	425	860	135	5,0	745	M64	72	85	M36	23276	1.500
HBND3080	400	420	1.060	900	600	148	175	296	158	148	148	116	320	200	360	720	110	7,0	650	M48	56	75	M24	23080	560
HBND3280	400	424	1.430	1.160	720	256	300	504	257	252	252	200	450	240	450	900	145	5,0	790	M64	72	85	M36	23280	1.680
HBND3084	420	440	1.100	940	620	150	180	296	158	148	148	117	340	210	375	755	115	7,0	670	M48	56	75	M24	23084	600
HBND3284	420	450	1.500	1.220	760	272	315	510	257	255	255	210	470	255	470	950	150	5,0	835	M64	72	90	M36	23284	1.870



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