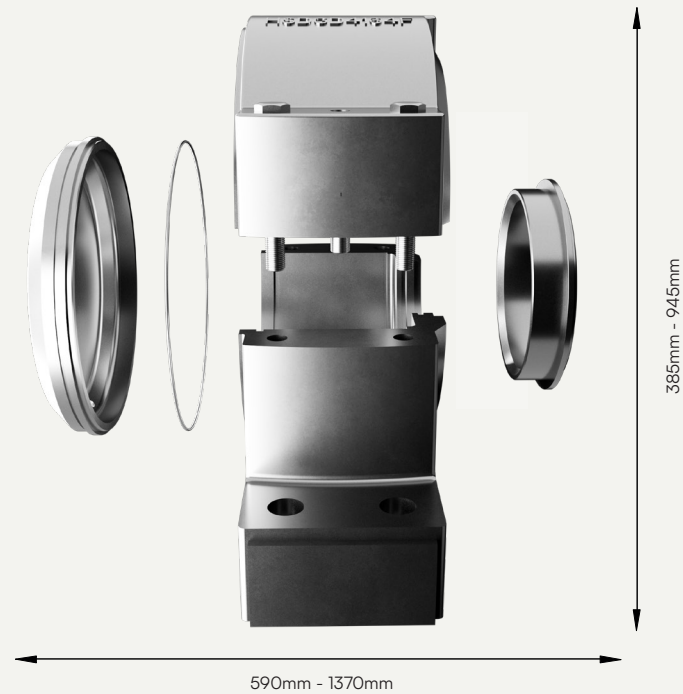


HSDG





HSDGD3280G

Material

C = Grey cast iron
D = Ductile iron
S = Cast steel

Suffix

without = Roller bearing on adapter sleeve with felt seal

C = Roller bearing on adapter sleeve with felt labyrinth seal

D = Roller bearing on withdrawal sleeve with felt labyrinth seal

G = Cylindrical bore roller bearing with felt labyrinth seal

H = Roller bearing with cylindrical bore with felt seal

Bearing Housing HSDG

The split plummer block bearing housings of the HSDG series are designed for the installation of spherical roller bearings. Shaft diameter from 125 to 400 mm. The standard material is ductile iron. Upon request, these bearing housings can be supplied in a different material. The rolling bearings can be mounted with adapter sleeves, withdrawal sleeves, or directly on the shaft. The standard seal is made of felt. Other variants are also possible upon request. The bearing seat in the housing is machined to tolerance G7.



Housing	kg	Housing	kg	Housing	kg	Housing	kg	Housing	kg
HSDG2328 C+G 1,8		HSDG3052 C+G 1,8		HSDG2328 D 1,5		HSDG3048 D 1,2		HSDG3064 D 2,7	
HSDG2330 C+G 2,3		HSDG3152 C+G 4,6		HSDG2330 D 2		HSDG4048 D 1,7		HSDG4064 D 4,1	
HSDG2332 C+G 2,9		HSDG2252 C+G 4,4		HSDG2332 D 2,4		HSDG3148 D 2,8		HSDG3164 D 7	
HSDG2234 C+G 1,4		HSDG3252 C+G 5,9		HSDG2234 D 1,1		HSDG4148 D 3		HSDG4164 D 5,7	
HSDG3234 C+G 1,5		HSDG2352 C+G 9,7		HSDG3234 D 1,3		HSDG2248 D 2,8		HSDG2264 D 6,1	
HSDG2334 C+G 3,2		HSDG3056 C+G 1,9		HSDG2334 D 2,8		HSDG3248 D 4		HSDG3264 D 10	
HSDG3136 C+G 1,3		HSDG3156 C+G 4,7		HSDG3136 D 1,1		HSDG2348 D 5,8		HSDG3068 D 3	
HSDG2236 C+G 1,7		HSDG2256 C+G 4,4		HSDG4136 D 1,1		HSDG3052 D 1,6		HSDG4068 D 4,9	
HSDG3236 C+G 1,9		HSDG3256 C+G 6,8		HSDG2236 D 1,3		HSDG4052 D 2,4		HSDG3168 D 9	
HSDG2336 C+G 3,5		HSDG2356 C+G 12,5		HSDG3236 D 1,5		HSDG3152 D 3,8		HSDG4168 D 7,2	
HSDG3138 C+G 1,7		HSDG3060 C+G 3,2		HSDG2336 D 3,1		HSDG4152 D 4,2		HSDG3268 D 11,5	
HSDG2238 C+G 1,8		HSDG3160 C+G 6,6		HSDG3138 D 1,4		HSDG2252 D 3,2		HSDG3072 D 3,5	
HSDG3238 C+G 2,4		HSDG2260 C+G 5,4		HSDG4138 D 1,4		HSDG3252 D 5,1		HSDG4072 D 5,8	
HSDG2338 C+G 4,5		HSDG3260 C+G 9,4		HSDG2238 D 1,4		HSDG2352 D 7,5		HSDG3172 D 9,4	
HSDG3040 C+G 1,1		HSDG3064 C+G 3,5		HSDG3238 D 1,9		HSDG3056 D 1,7		HSDG4172 D 7,9	
HSDG3140 C+G 2,2		HSDG3164 C+G 8,6		HSDG2338 D 3,7		HSDG4056 D 2,8		HSDG3272 D 12,7	
HSDG2240 C+G 2		HSDG2264 C+G 7,6		HSDG3040 D 0,8		HSDG3156 D 3,9		HSDG3076 D 4	
HSDG3240 C+G 2,7		HSDG3264 C+G 12,5		HSDG4040 D 1,1		HSDG4156 D 3,9		HSDG4076 D 6,2	
HSDG2340 C+G 5,6		HSDG3068 C+G 3,7		HSDG3140 D 1,7		HSDG2256 D 3,4		HSDG3176 D 10	
HSDG3044 C+G 1,4		HSDG3168 C+G 11,2		HSDG4140 D 1,9		HSDG3256 D 5,7		HSDG4176 D 8	
HSDG3144 C+G 2,6		HSDG3268 C+G 14		HSDG2240 D 1,6		HSDG2356 D 9,5		HSDG3276 D 15,5	
HSDG2244 C+G 2,4		HSDG3072 C+G 4,3		HSDG3240 D 2,2		HSDG3060 D 2,7		HSDG3080 D 4,8	
HSDG3244 C+G 4		HSDG3172 C+G 11,5		HSDG2340 D 4,5		HSDG4060 D 3,6		HSDG4080 D 7,3	
HSDG2344 C+G 6		HSDG3272 C+G 14,5		HSDG3044 D 1,1		HSDG3160 D 5,6		HSDG3180 D 10,5	
HSDG3048 C+G 1,4		HSDG3076 C+G 5,1		HSDG4044 D 1,6		HSDG4160 D 5,8		HSDG4180 D 9,2	
HSDG3148 C+G 3,4		HSDG3176 C+G 12		HSDG3144 D 2,1		HSDG2260 D 4,3		HSDG3280 D 17,5	
HSDG2248 C+G 3,4		HSDG3276 C+G 19		HSDG4144 D 2,3		HSDG3260 D 7,8			
HSDG3248 C+G 5		HSDG3080 C+G 5,6		HSDG2244 D 2					
HSDG2348 C+G 7,3		HSDG3180 C+G 12,5		HSDG3244 D 3,2					
		HSDG3280 C+G 20,5		HSDG2344 D 4,9					

Grease

To prevent condensation from causing damage, the grease should contain corrosion protection additives. The required amount of lubricating grease for the initial filling of the housings can be found in the table below. The lubricant is supplied to the middle of the outer ring. Fresh grease displaces the used and contaminated grease from the bearing. The labyrinth passages are lubricated separately. The relubrication interval depends on the environmental conditions for HSDG series housings. The bearings should be relubricated at least every 4 weeks. During this process, grease should be pumped until a portion of the used grease exits at the labyrinth. The relubrication amount is approximately 10% of the initial fill. It is crucial to use the same type of grease for relubrication as used in the initial filling. For installations with significant dirt accumulation, it is advisable to provide facilities for daily small amounts of grease to be replenished.



HSDG...H



HSDG...D



HSDG...C



HSDG...G

The HSDG series of split plummer block bearing housings is designed for the installation of spherical roller bearings. They can be used for shaft diameters ranging from 125 to 400 mm. The standard material for these housings is ductile iron. However, we can also manufacture the bearing housings from a different material upon customer request.

The roller bearings can be mounted on the shaft using either an adapter sleeve, withdrawal sleeves, or directly on the shaft. The standard seal is made of felt, but other variants are available upon request. The bearing seat inside the housing is precision-machined and conforms to the G7 tolerance class.

**HSDG.... / HSDG....C
HSDG....G / HSDG....H
HSDG....D**



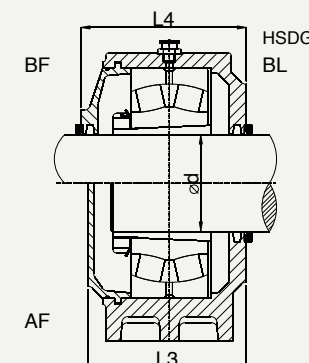
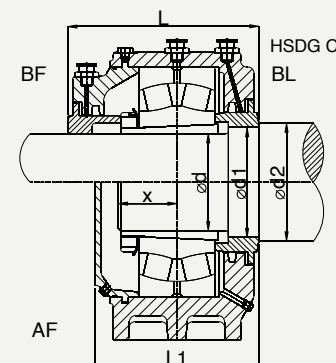
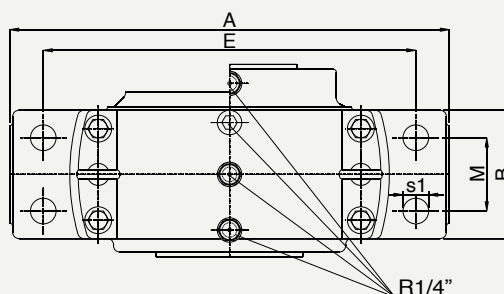
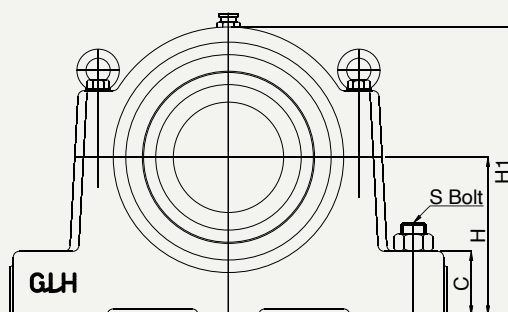
80kg - 1070kg



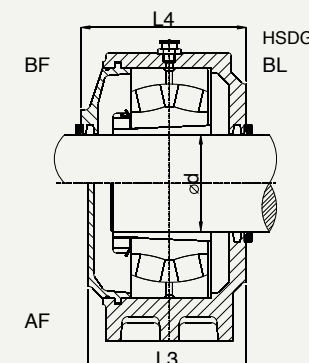
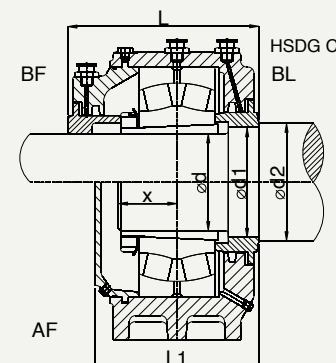
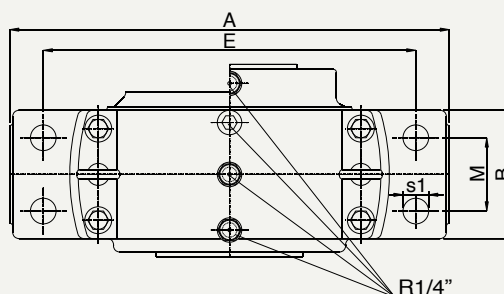
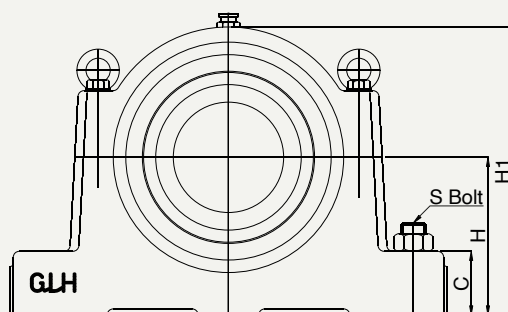
135mm - 402mm



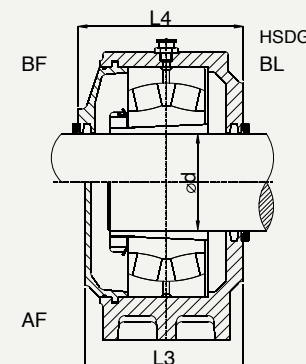
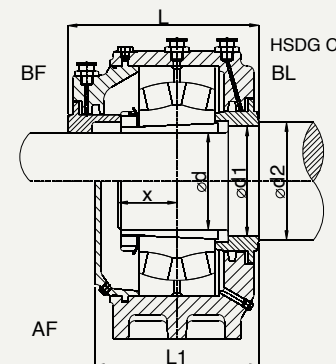
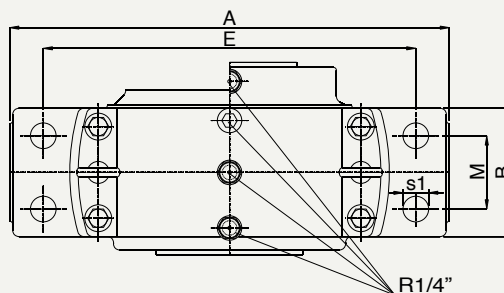
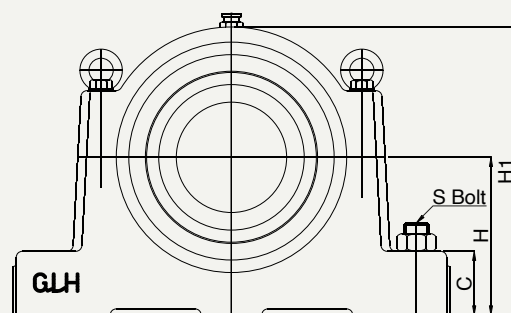
4m/s - 12m/s



Article	d	d1	d2	A	E	L	L1	L3	L4	B	M	H1	H	C	x	s1	S Bolt	Bearing	Sleeve	kg
HSDG2234	150	172	185	580	490	232	197	194	212	140	70	387	210	85	75	28	M24	22234K	H3134	85
HSDG2236	160	182	195	600	520	242	207	204	221	150	80	424	230	90	77	28	M24	22236K	H3136	115
HSDG2238	170	192	205	600	520	242	207	204	221	150	80	424	230	90	81	28	M24	22238K	H3138	105
HSDG3040	180	202	215	580	490	232	197	194	212	140	70	387	210	85	77	28	M24	23040K	H3040	80
HSDG3044	200	222	235	600	520	242	207	204	221	150	80	424	230	90	80	28	M24	23044K	H3044	98
HSDG2328	125	142	150	590	500	258	222	219	237	165	90	385	210	85	78	35	M30	22328K	H2328	105
HSDG2330	135	152	160	600	510	272	237	234	251	180	100	410	225	90	83	35	M30	22330K	H2330	125
HSDG3234	150	172	180	590	500	258	222	219	237	165	90	385	210	85	88	35	M30	23234K	H2334	92
HSDG3136	160	182	190	590	500	258	222	219	237	165	90	385	210	85	82	35	M30	23136K	H3136	100
HSDG3236	160	182	190	600	510	272	237	234	251	180	100	410	225	90	90	35	M30	23236K	H2336	120
HSDG3138	170	192	200	600	510	272	237	234	251	180	100	410	225	90	87	35	M30	23138K	H3138	120
HSDG2240	180	202	215	670	560	265	220	215	235	160	80	445	240	95	84	35	M30	22240K	H3140	130
HSDG2244	200	222	235	710	620	270	233	228	246	160	80	500	270	110	94	35	M30	22244K	H3144	160
HSDG3048	220	242	255	670	560	265	220	215	235	160	80	445	240	95	85	35	M30	23048K	H3048	115
HSDG3052	240	262	275	710	620	270	233	228	246	160	80	500	270	110	91	35	M30	23052K	H3052	150
HSDG3056	260	282	295	730	635	282	244	239	261	165	80	520	280	115	96	35	M30	23056k	H3056	160
HSDG2332	140	162	175	690	580	288	253	250	266	195	105	440	240	95	88	42	M36	22332K	H2332	156
HSDG2334	150	172	185	720	610	315	270	265	285	210	120	475	260	105	93	42	M36	22334K	H2334	200
HSDG2336	160	182	195	720	610	315	270	265	285	210	120	475	260	105	97	42	M36	22336K	H2336	185



Article	d	d1	d2	A	E	L	L1	L3	L4	B	M	H1	H	C	x	s1	S Bolt	Bearing	Sleeve	kg
HSDG3238	170	192	205	690	580	288	253	250	266	195	105	440	240	95	95	42	M36	23238K	H2338	150
HSDG2338	170	192	205	770	655	336	298	293	311	225	130	515	280	115	101	42	M36	22338K	H2338	240
HSDG3140	180	202	215	690	580	288	253	250	266	195	105	440	240	95	92	42	M36	23140K	H3140	145
HSDG3240	180	202	215	720	610	315	270	265	285	210	120	475	260	105	100	42	M36	23240K	H2340	195
HSDG3144	200	222	235	720	610	315	270	265	285	210	120	475	260	105	100	42	M36	23144K	H3144	190
HSDG3244	200	222	235	770	655	336	298	293	311	225	130	515	280	115	112	42	M36	23244K	H2344	235
HSDG3148	220	242	255	770	655	336	298	293	311	225	130	515	280	115	106	42	M36	23148K	H3148	230
HSDG2248	220	242	255	825	710	310	270	263	283	190	100	570	310	120	102	42	M36	22248K	H3148	260
HSDG2252	240	262	275	855	735	320	280	273	293	200	105	592	320	130	109	42	M36	22252K	H3152	260
HSDG2256	260	282	295	900	780	335	290	283	306	210	110	646	350	140	111	42	M36	22256K	H3156	340
HSDG3060	280	302	320	825	710	310	270	263	283	190	100	570	310	120	106	42	M36	23060K	H3060	230
HSDG3064	300	322	340	855	735	320	280	273	293	200	105	592	320	130	108	42	M36	23064K	H3064	245
HSDG3068	320	342	360	900	780	335	290	283	306	210	110	646	350	140	117	42	M36	23068K	H3068	310
HSDG2340	180	202	215	860	730	266	328	323	343	250	140	565	310	125	105	48	M42	22340K	H2340	290
HSDG2344	200	222	235	880	750	370	330	323	343	250	145	585	320	130	112	48	M42	22344K	H2344	335
HSDG3248	220	242	255	860	730	366	328	323	343	250	140	565	310	125	122	48	M42	23248K	H2348	315
HSDG2348	220	242	255	940	800	405	360	353	376	280	165	640	350	140	120	48	M42	22348K	H2348	425
HSDG3152	240	262	275	860	730	366	328	323	343	250	140	565	310	125	116	48	M42	23152K	H3152	310
HSDG3252	240	262	275	880	750	370	330	323	343	250	145	585	320	130	130	48	M42	23252K	H2352	305



Article	d	d1	d2	A	E	L	L1	L3	L4	B	M	H1	H	C	x	s1	S Bolt	Bearing	Sleeve	kg
HSDG3156	260	282	295	880	750	370	330	323	343	250	145	585	320	130	119	48	M42	23156K	H3156	320
HSDG3256	260	282	295	940	800	405	360	353	376	280	165	640	350	140	134	48	M42	23256K	H2356	420
HSDG3160	280	302	320	940	800	405	360	353	376	280	165	640	350	140	125	48	M42	23160K	H3160	415
HSDG2260	280	302	320	970	840	344	299	292	314	220	110	665	360	145	115	48	M42	22260K	H3160	370
HSDG3072	340	362	380	970	840	344	299	292	314	220	110	665	360	145	118	48	M42	23072K	H3072	345
HSDG3076	360	382	400	1.000	870	354	309	302	324	230	110	685	370	150	121	48	M42	23076K	H3076	360
HSDG2352	240	262	275	1.060	900	428	384	377	399	305	170	695	380	155	126	56	M48	22352K	H2352	570
HSDG2356	260	282	295	1.110	940	465	420	412	432	340	195	750	410	165	134	56	M48	22356K	H2356	685
HSDG3260	280	302	320	1.060	900	428	384	377	399	305	170	695	380	155	141	56	M48	23260K	H3260	550
HSDG3164	300	322	340	1.060	900	428	384	377	399	305	170	695	380	155	135	56	M48	23164K	H3164	550
HSDG2264	300	322	340	1.060	920	365	320	312	332	240	120	740	400	160	132	56	M48	22264K	H3164	500
HSDG3264	300	322	340	1.110	940	465	420	412	432	340	195	750	410	165	151	56	M48	23264K	H3264	675
HSDG3168	320	342	360	1.110	940	465	420	412	432	340	195	750	410	165	155	56	M48	23168K	H3168	670
HSDG3172	340	362	380	1.110	940	465	420	412	432	340	195	750	410	165	160	56	M48	23172K	H3172	630
HSDG3080	380	402	420	1.060	920	365	320	312	332	240	120	740	400	160	132	56	M48	23080K	H3080	475
HSDG3268	320	342	360	1.190	1.010	468	425	418	438	340	195	790	430	175	172	66	M56	23268K	H3268	770
HSDG3272	340	362	380	1.230	1.040	490	437	429	449	350	200	825	450	180	180	66	M56	23272K	H3272	890
HSDG3176	360	382	400	1.190	1.010	468	425	418	438	340	195	790	430	175	163	66	M56	23176K	H3176	780
HSDG3276	360	382	400	1.300	1.110	534	479	469	487	390	225	895	490	200	184	66	M56	23276K	H3276	1160
HSDG3180	380	402	420	1.230	1.040	490	437	429	449	350	200	825	450	180	168	66	M56	23180K	H3180	880
HSDG3280	380	402	420	1.370	1.160	544	484	474	489	390	225	945	500	150	196	74	M64	23280K	H3280	1070



THIS IS HOW YOU REACH US

GLH GMBH

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