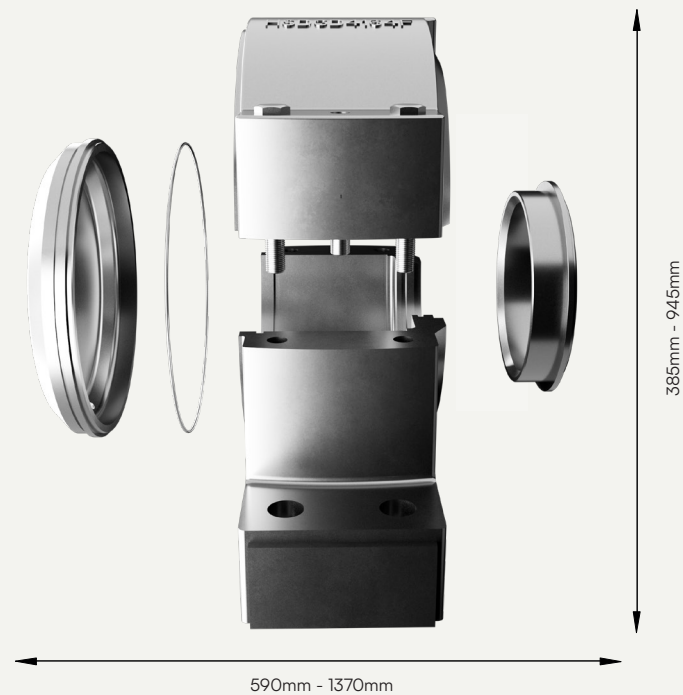


HSDG-D





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

Spherical Roller Housing

The split plummer block 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 gray cast iron. Upon request, these 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 pillow block housings is specifically designed for the installation of self-aligning roller bearings. They can be used for shaft diameters ranging from 125 to 400 mm. The standard material for these housings is gray cast iron. However, we can also manufacture the housings from a different material upon customer request.

The rolling 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**



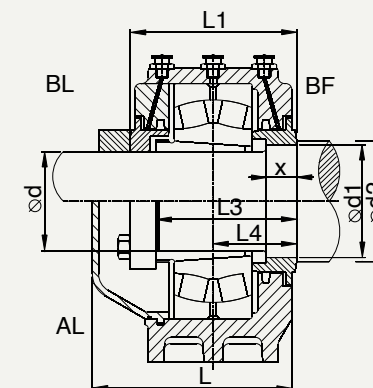
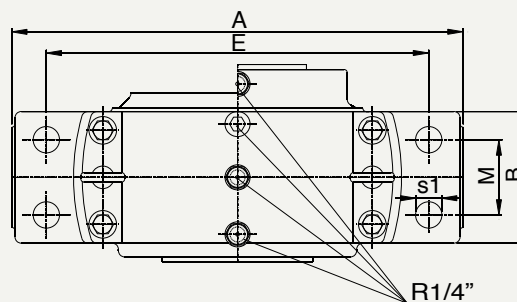
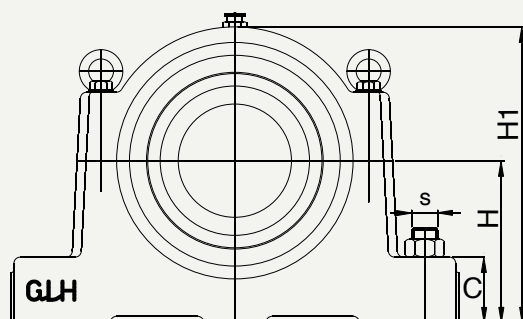
100kg - 280kg



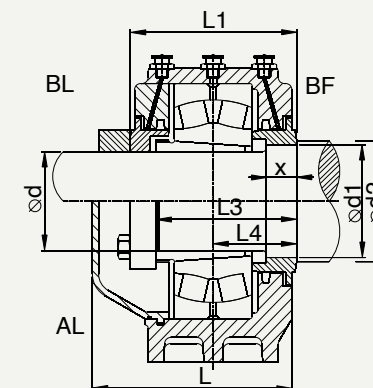
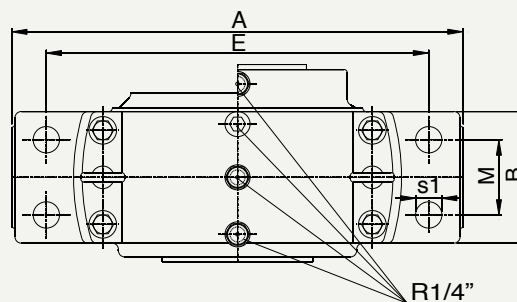
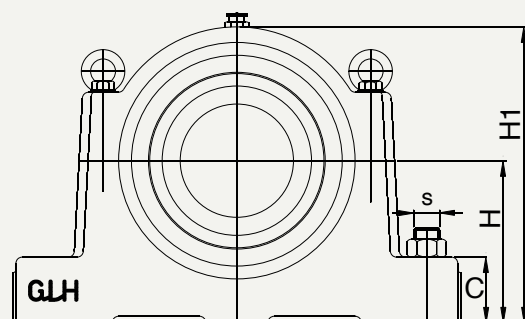
125mm - 400mm



526m/s - 3927m/s



Article	d	d1	d2	A	E	L	L1	L3	L4	B	M	H1	H	C	x	s	s1	Bearing	Adapt.slev	kg
HSDG2328-D	135	142	150	590	500	260	220	185	110	165	90	385	210	85	40	M30	35	22328K	AHX2328	100
HSDG2330-D	145	152	160	600	510	282	234	198	117	180	100	410	225	90	44	M30	35	22330K	AHX2330	120
HSDG2332-D	150	162	175	690	580	297	250	210	125	195	105	440	240	95	48	M36	42	22332K	AH2332	150
HSDG2234-D	160	172	185	580	490	234	194	158	97	140	70	387	210	85	38	M24	28	22334K	AH3134	80
HSDG3234-D	160	172	180	590	500	260	220	190	110	165	90	385	210	85	38	M30	35	23234K	AH3234	90
HSDG2334-D	160	172	185	720	610	320	270	222	135	210	120	475	260	105	52	M36	42	22334K	AH2334	195
HSDG3136-D	170	182	190	590	500	260	220	180	110	165	90	385	210	85	44	M30	35	23136K	AH3136	94
HSDG4136-D	170	182	190	590	500	260	220	189	110	165	90	385	210	85	36	M30	35	24136K30	AH24136	95
HSDG2236-D	170	182	195	600	520	252	204	164	102	150	80	424	230	90	40	M24	28	22326K	AH2236	110
HSDG3236-D	170	182	190	600	510	282	234	202	117	180	100	410	225	90	42	M30	35	23236K	AH3236	115
HSDG2336-D	170	182	195	720	610	320	270	227	135	210	120	475	260	105	50	M36	42	22336K	AH2336	180
HSDG3138-D	180	192	200	600	510	282	234	191	117	180	100	410	225	90	46	M30	35	23138K	AH3138	115



Article	d	d1	d2	A	E	L	L1	L3	L4	B	M	H1	H	C	x	s	s1	Bearing	Adapt.slev	kg
HSDG4138-D	180	192	200	600	510	282	234	204	117	180	100	410	225	90	37	M30	35	24138K	AH24138	115
HSDG2238-D	180	192	205	600	520	252	204	168	102	150	80	424	230	90	40	M24	28	22238K	AH2238	100
HSDG3238-D	180	192	205	690	580	297	250	212	125	195	105	440	240	95	45	M36	42	23238K	AH3238	145
HSDG2338-D	180	192	205	770	655	346	292	242	146	225	130	515	280	115	56	M36	42	22338K	AH2338	240
HSDG3040-D	180	202	215	580	490	234	194	159	97	140	70	387	210	85	40	M24	28	23040K	AH3040	75
HSDG4040-D	180	202	210	590	500	260	220	188	110	165	90	385	210	85	38	M30	35	24040K30	AH24040	85
HSDG3140-D	180	202	215	690	580	297	250	204	125	195	105	440	240	95	48	M36	42	23140K	AH3140	145
HSDG4140-D	180	202	215	690	580	297	250	218	125	195	105	440	240	95	39	M36	42	24140K30	AH24140	145
HSDG2240-D	180	202	215	670	560	270	220	179	110	160	80	445	240	95	42	M30	35	22240K	AH2240	125
HSDG3240-D	180	202	215	720	610	320	270	226	135	210	120	475	260	105	50	M36	42	23240K	AH3240	190
HSDG2340-D	180	202	215	860	730	378	316	260	158	250	140	565	310	125	62	M42	48	22340K	AH2340	280

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