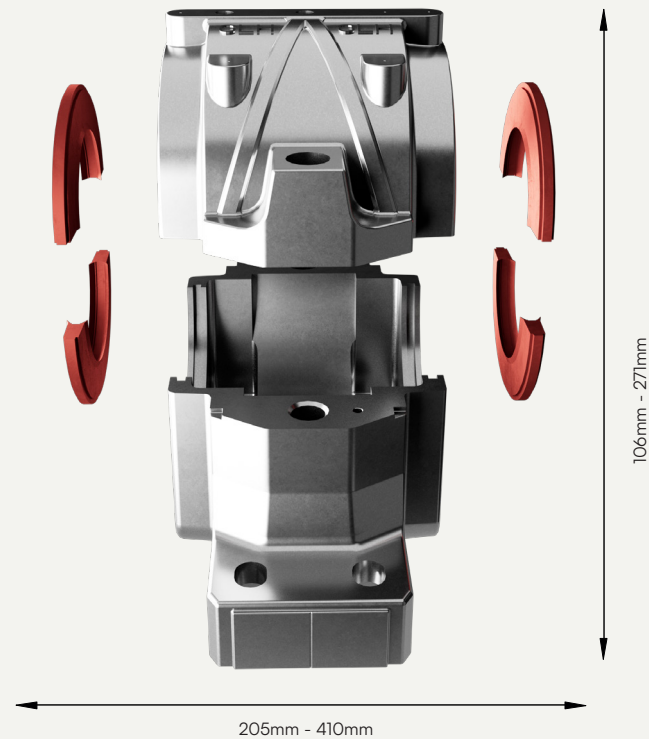


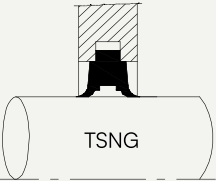
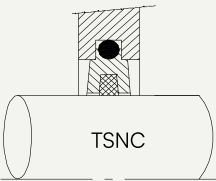
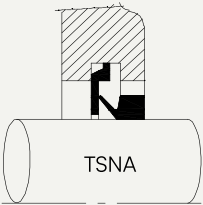
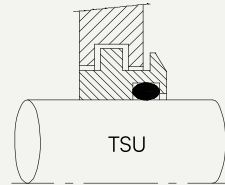
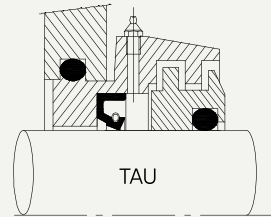
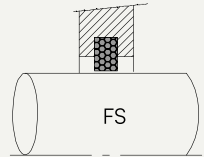
FSNGH500



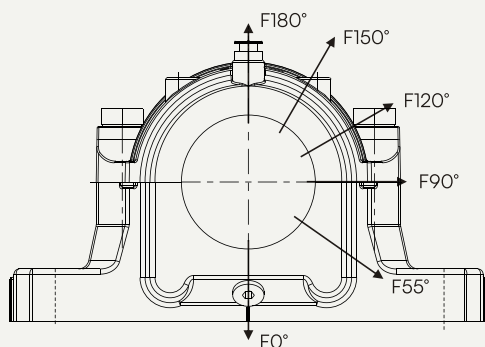
Seal Arrangements



-  Ideally suited
-  Suitable
-  Less suitable
-  Unsuitable

						
	TSNG	TSNC	TSNA	TSU	TAU	FS
	SNGH FCMG SFCM SOSPG	SNGH FCMG SFCM SOSPG	SNGH FCMG SFCM SOSPG	SNGH FSCM SD/SN	SNGH FSCM SD/SN	722500 FCM/SN
°C m/s	..-40..100°C ..<8m/s .0,5..1°	..-40..100°C ..<15m/s <0,5°	..-40..100°C ..<7m/s <..1...1,5°	..-40..+200°C ..<15m/s <0,3°	..-40..+100°C ..<10m/s <0,5°	..-40..+100°C ..<15m/s <0,5°
Max grade						
Relubricateable						
Friction						
Axial displacement						
Vertical installation						
Spray water						
Fine dust						
Dust						
Rough particle						
Sharp particle						
UV resistance						

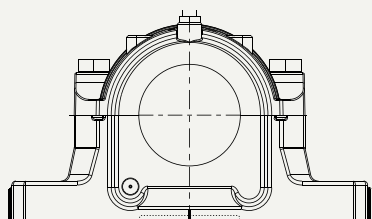
Breaking load



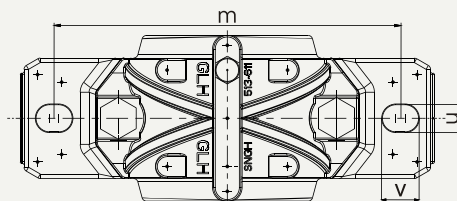
In general for compensation of the housing breaking load value a safety factor of 6 is recommended
*use 70% of this value

	Housing size				Breaking load						Connecting screw	Max load capacity			Bolt	Max thightening	Grey cast iron: GG20	
	FSNGH				0°	55°	90°	120°	150°	180°								
	505	205			218	174	104	70	61	80	M10x40	60	35	30	M12	87		
	506	206	305	605	242	185	110	80	68	85	M10x40	60	35	30	M12	87		
	507	207	306	606	271	207	133	85	82	95	M10x45	60	35	30	M12	87		
	508	208	307	607	321	240	145	95	87	115	M12x50	80	45	40	M12	87		
	509	209			339	256	154	100	92	120	M12x55	80	45	40	M12	87		
	510	210	308	608	381	289	176	121	112	140	M16x60	80	45	40	M12	87		
	511	211	309	609	430	305	187	125	120	145	M16x60	180	100	90	M16	210		
	512	212	310	610	430	327	198	132	128	160	M16x70	180	100	90	M16	210		
	513	213	311	611	484	376	231	150	135	170	M16x70	180	100	90	M16	210		
		214			545	392	242	160	148	185	M16x70	180	100	90	M16	210		
	515	215	312	612	575	448	275	185	163	215	M16x80	180	100	90	M16	210		
	516	216	313	613	605	469	291	190	179	220	M16x80	180	100	90	M20	410		
	517	217	314		678	523	318	205	195	250	M20x90	180	100	90	M20	410		
	518	218	315	615	811	600	373	250	224	285	M20x100	260	150	130	M20	410		
	519	219	316	616	859	632	390	265	235	300	M24x100	260	150	130	M20	410		
	520	220	317	617	908	687	412	280	255	320	M24x100	360	210	180	M24	710		
				318	618	968	730	439	315	286	340	M24x110	360	210	180	M24		710
	522	222	319	619	1150	872	494	355	326	400	M24x130	360	210	180	M24	710		
	524	224	320	620	1150	872	522	355	326	420	M24x130	360	210	180	M24	710		
	526	226			1283	954	593	410	367	450	M24x130	360	210	180	M24	710		
528	228			1513	1155	692	475	439	530	M24x140	360	210	180	M30	1430			
530	230			1694	1308	802	540	490	600	M24x150	360	210	180	M30	1430			
532	232			2057	1581	944	640	581	730	M30x160	730	430	360	M30	1430			

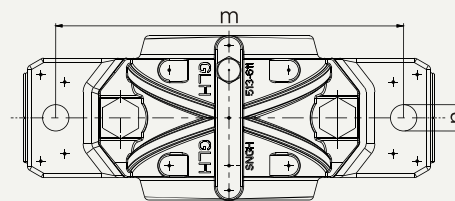
Bolt bore



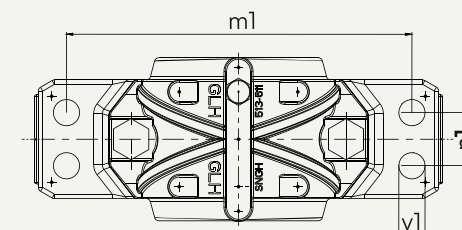
- Material GGG40
- Solid base
- Without bolt bore
- Main dimensions see page 16-23



Basic



T/MS1



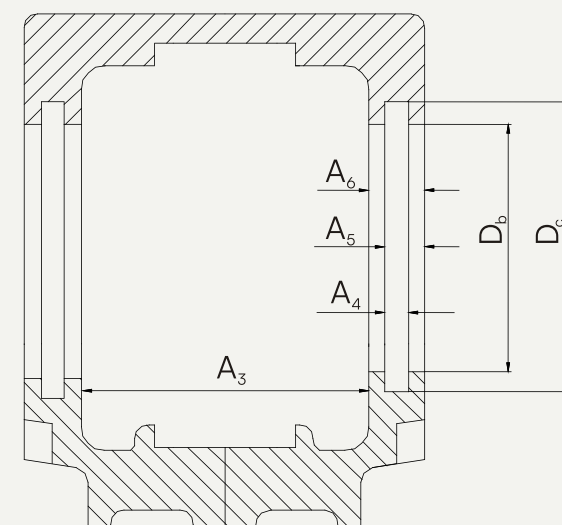
F/MS2

Reference	m	Basic		Bolts	T/MS1		Bolts	m1	F/MS2		Bolts
		u	v		m	n			n1	v1	
FSNGH508-607	170	15	20	M12	170	15	M12	160	34	11	M10
FSNGH509	170	15	20	M12	170	15	M12	160	34	11	M10
FSNGH510-608	170	15	20	M12	170	15	M12	160	34	11	M10
FSNGH511-609	210	18	23	M16	210	18	M16	200	40	14	M12
FSNGH512-610	210	18	23	M16	210	18	M16	200	40	14	M12
FSNGH513-611	230	18	23	M16	230	18	M16	220	48	14	M12
FSNGH515-612	230	18	23	M16	230	18	M16	220	48	14	M12
FSNGH516-613	260	22	27	M20	260	22	M20	252	52	18	M16
FSNGH517	260	22	27	M20	260	22	M20	252	52	18	M16
FSNGH518-615	290	22	27	M20	290	22	M20	280	58	18	M16
FSNGH519-616	290	22	27	M20	290	22	M20	280	58	18	M16
FSNGH520-617	320	26	36	M24	320	26	M24	300	66	18	M16
FSNGH522-619	350	26	36	M24	350	26	M24	320	74	18	M16
FSNGH524-620	350	26	36	M24	350	26	M24	330	74	18	M16
FSNGH526	380	28	36	M24	280	28	M24	370	80	22	M20
FSNGH528	420	33	42	M30	420	35	M30	400	92	26	M24
FSNGH530	450	33	42	M30	450	35	M30	430	100	26	M24
FSNGH532	470	33	42	M30	470	35	M30	450	100	26	M24

Seal groove



Reference	Dimensions					
	A ₃	A ₄	A ₅	A ₆	D _b	D _c
FSNGH208-307	61	5	8	11	62	70,5
FSNGH508-607	62	5	8	11	51,5	59,5
FSNGH209	59	5	5	12	67	75,5
FSNGH509	60	5	9	12	56,5	64,5
FSNGH210	64	5	9	12	72	80,5
FSNGH510-608	65	5	9	12	62	70,5
FSNGH211	69	5	9	12	77	85,5
FSNGH511-609	70	5	9	12	67	75,5
FSNGH212	79	5	9	12	87	95,5
FSNGH512-610	80	5	9	13	72	80,5
FSNGH213	82	5	9	13	92,5	101
FSNGH513-611	83	5	9	13	77	85,5
FSNGH215	87	5	9	13	102,5	111
FSNGH515-612	88	5	9	13	87	95,5
FSNGH216	92	5	9	13	108	116,5
FSNGH516-613	93	5	9	13	92,5	101
FSNGH217	97	5	9	13	112	120,5
FSNGH517	98	5	9	13	97,5	106
FSNGH218	112	5	9	13	120	128,5
FSNGH518-615	113	5	9	13	102,5	111
FSNGH519-616	116	6	10	14	131	141
FSNGH520-617	131	6	10	14	137,5	147,5
FSNGH522-619	143	6	10	14	147,5	157,5
FSNGH524-620	151	6	11	15	157,5	167,5
FSNGH526	156	6	11	15	167,5	177,5
FSNGH528	171	6	11	15	177,5	187,5
FSNGH530	189	6	11	15	192,5	202,5
FSNGH532	201	6	11	15	202,5	212,5





FSNGH200



FSNGH500

The FSNGH plummer block housings are completely exchangeable with the series SN, SNE, SNA, SNH, SNL, SNU, and SNV. The main dimensions conform to the DIN 736-739 standard. These housings are designed for use with self-aligning roller bearings, which can be mounted either on an adapter sleeve or direct on a stepped shaft. The bearing seat is manufactured to the G7 tolerance class and serves as a floating bearing. To achieve a fixed bearing arrangement, a locating ring of type FR can be added on both sides.

FSNGH500
FSNGH200



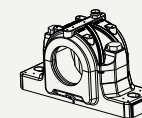
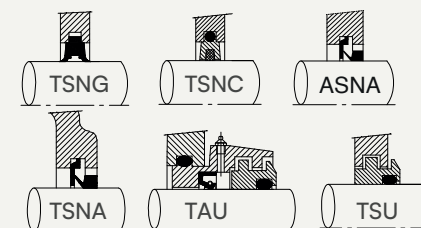
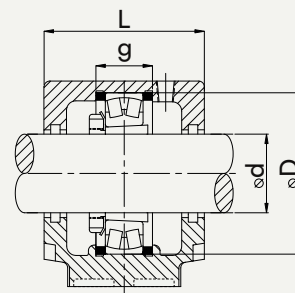
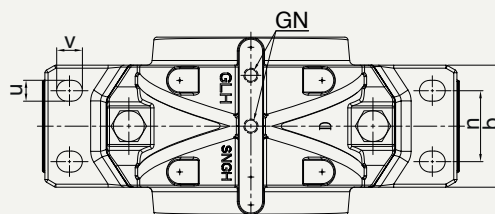
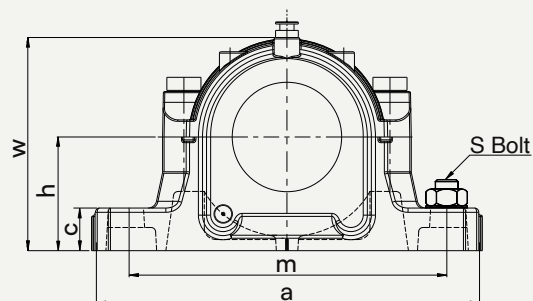
4,5kg - 55kg



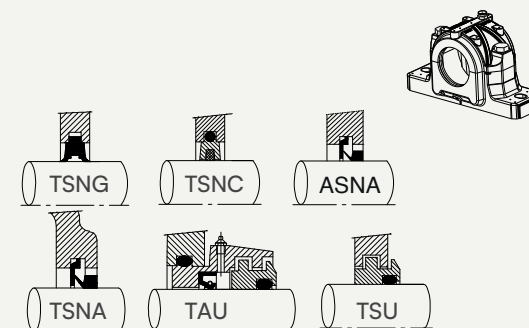
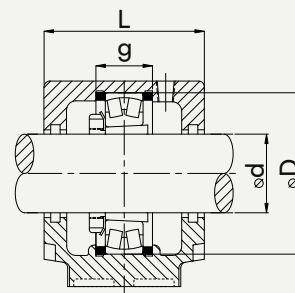
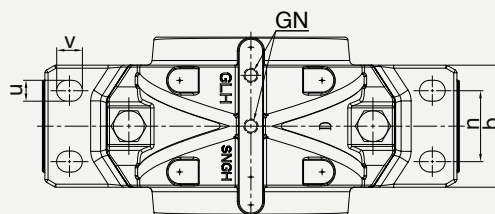
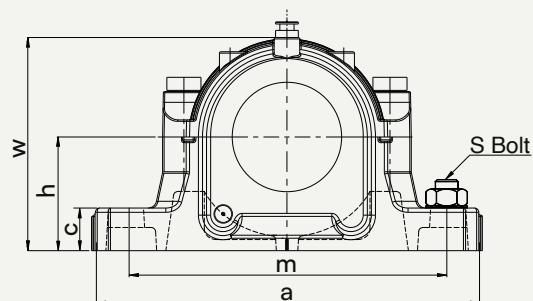
50mm - 160mm



4m/s - 30m/s



Article	d	D	a	m	n	L	b	w	h	c	g	S Bolt	kg	Bearing	Sleeve	Locating-Ring	TSNG	TSU	TSNA	TAU	TSNC	ASNA	u	v	GN
FSNGH511	50	100	255	210	35	95	70	127	70	28	44	M12	4,5	1211-K	H211	2xFR100x11.5	TSNG511	TSU511	TSNA511	TAU511	TSNC511	ASNA513	18	23	1/8"PT
														2211-K	H311	2xFR100x9.5									
														22211-K	H311	2xFR100x9.5									
FSNGH513	60	120	275	230	40	110	80	148	80	30	51	M12	6,1	1213-K	H213	2xFR120x14	TSNG513	TSU513	TSNA513	TAU513	TSNC513	ASNA516	18	23	1/8"PT
														2213-K	H313	2xFR120x10									
														22213-K	H313	2xFR120x10									
FSNGH515	65	130	280	230	40	115	80	154	80	30	56	M12	6,5	1215-K	H215	2xFR130x15.5	TSNG515	TSU515	TSNA515	TAU515	TSNC515	ASNA518	18	23	1/8"PT
														2215-K	H315	2xFR130x12.5									
														22215-K	H315	2xFR130x12.5									
FSNGH516	70	140	315	260	50	120	90	175	95	32	58	M16	9	1216-K	H216	2xFR140x16	TSNG516	TSU516	TSNA516	TAU516	TSNC516	ASNA216	22	27	1/8"PT
														2216-K	H316	2xFR140x12.5									
														22216-K	H316	2xFR140x12.5									
FSNGH517	75	150	320	260	50	125	90	181	95	32	61	M16	10,2	1217-K	H217	2xFR150x16.5	TSNG517	TSU517	TSNA517	TAU517	TSNC517	ASNA217	22	27	1/8"PT
														2217-K	H317	2xFR150x12.5									
														22217-K	H317	2xFR150x12.5									
FSNGH518	80	160	345	290	50	140	100	192	100	35	65	M16	12,4	1218-K	H218	2xFR160x17.5	TSNG518	TSU518	TSNA518	TAU518	TSNC518	ASNA218	22	27	1/8"PT
														2218-K	H318	2xFR160x12.5									
														22218-K	H318	2xFR160x12.5									
														23218	H2318	2xFR160x6.3									



Article	d	D	a	m	n	L	b	w	h	c	g	S Bolt	kg	Bearing	Sleeve	Locating-Ring	TSNG	TSU	TSNA	TAU	TSNC	ASNA	u	v	GN
FSNGH520	90	180	380	320	60	160	110	215	112	40	70	M16	17,5	1220-K	H220	2xFR180x18	TSNG520	TSU520	TSNA520	TAU520	TSNC520	ASNA520	26	36	1/8"PT
														2220-K	H320	2xFR180x12									
														22220-K	H320	2xFR180x12									
														23220	H2320	2xFR180x4.85									
FSNGH522	100	200	410	350	70	175	120	239	125	45	80	M16	20,5	1222-K	H222	2xFR200x21	TSNG522	TSU522	TSNA522	TAU522	TSNC522	ASNA522	26	36	1/4"PT
														2222-K	H322	2xFR200x13.5									
														22222-K	H322	2xFR200x13.5									
														23222	H2322	2xFR200x5.1									
FSNGH524	110	215	410	350	70	185	120	271	140	45	86	M16	25,5	1224K	H3124	2xFR215x22	TSNG524	TSU524	TSNA524	TAU524	TSNC524	ASNA524	26	36	1/4"PT
														22224K	H3124	2xFR215x14									
														23224K	H2324	2xFR215x5									
FSNGH526	115	230	445	380	70	190	130	290	150	50	90	M20	33	22226K	H3126	2xFR230x13	TSNG526	TSU526	TSNA526	TAU526	TSNC526	ASNA526	28	36	1/4"PT
														23226K	H2326	2xFR230x5									
FSNGH528	125	250	500	420	80	205	150	302	150	50	98	M24	42	22228K	H3128	2xFR250x15	TSNG528	TSU528	TSNA528	TAU528	TSNC528	ASNA528	33	42	1/4"PT
														23228K	H2328	2xFR250x5									
FSNGH530	135	270	530	450	90	220	160	323	160	60	106	M24	53	22230K	H3130	2xFR270x16.5	TSNG530	TSU530	TSNA530	TAU530	TSNC530	ASNA530	33	42	1/4"PT
														23230K	H2330	2xFR270x5									
FSNGH532	140	290	550	470	90	235	160	344	170	60	114	M24	55	22232K	H3132	2xFR290x17	TSNG532	TSU532	TSNA532	TAU530	TSNC532	ASNA532	33	42	1/4"PT
														23232K	H2332	2xFR290x5									



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Heinrich-Hertz-Straße 4
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