

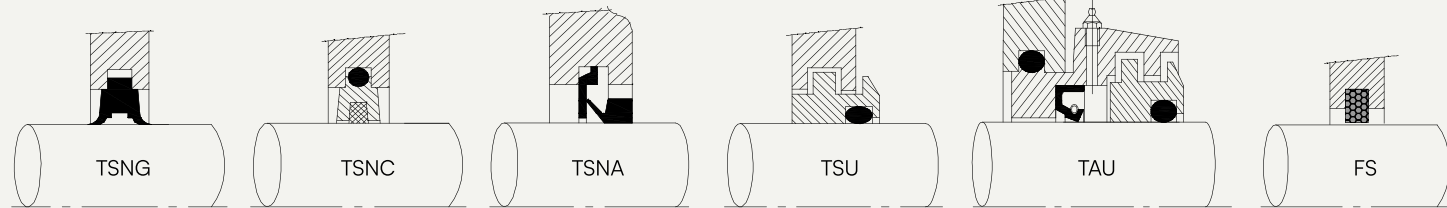
SSNG200



Seal Arrangements



- Ideally suited
- Suitable
- Less suitable
- Unsuitable



TSNG
SSNG
SNGH
FCMG
SFCM
SOSPG

TSNC
SSNG
SNGH
FCMG
SFCM
SOSPG

TSNA
SSNG
SNGH
FCMG
SFCM
SOSPG

TSU
SSNG
SNGH
FSCM
SD/SN

TAU
SSNG
SNGH
FSCM
SD/SN

FS
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



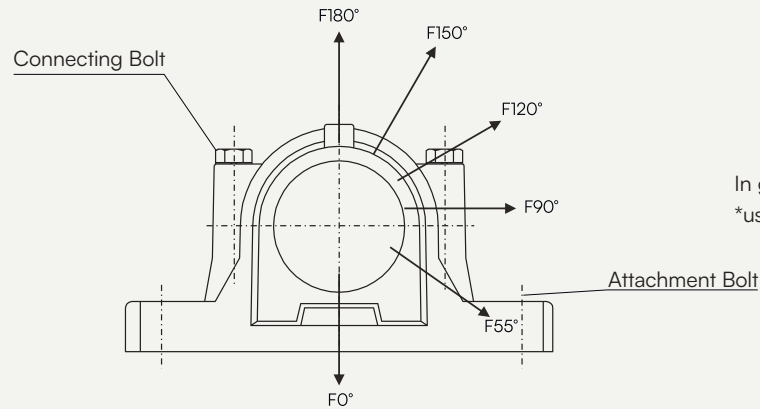
Sharp particle



UV resistance



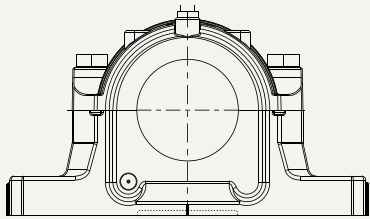
SSNG Breaking load



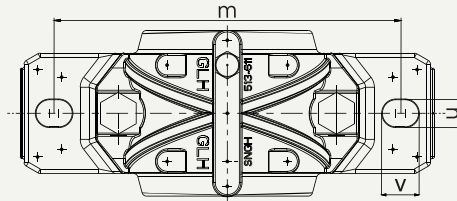
In general for compensation of the housing breaking load value a safety factor of 6 is recommended
*use 70% of this value

	Housing size				Breaking load						Connecting screw	Max load capacity			Bolt	Max thightening	Grey cast iron: GG20
	SSNG				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		

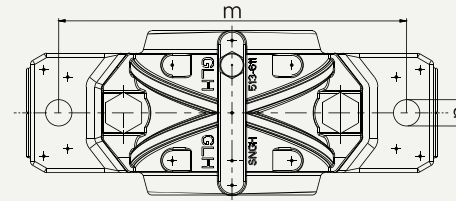
Bolt bore



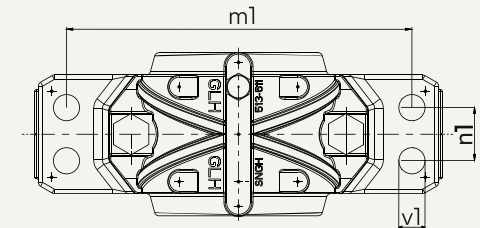
- Material GGG40
- Solid base



Basic



T/MS1



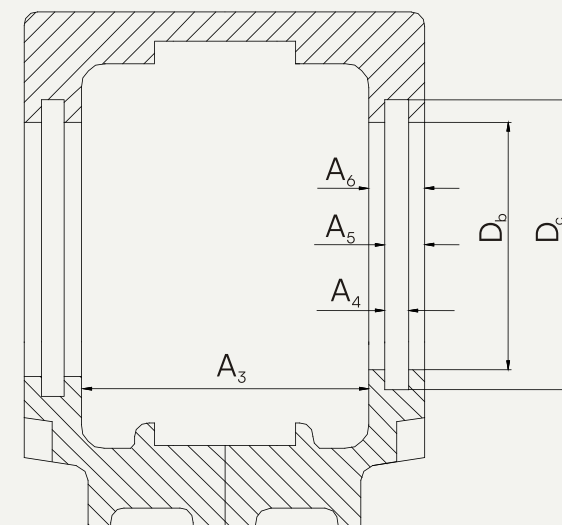
F/MS2

Reference	m	Basic			Bolts S	T/MS1		Bolts S	m1	F/MS2			Bolts S
		u	v			m	n			n1	v1		
SSNG508-607-D	170	15	20		M12	170	15	M12	160	34	11		M10
SSNG509-D	170	15	20		M12	170	15	M12	160	34	11		M10
SSNG510-608-D	170	15	20		M12	170	15	M12	160	34	11		M10
SSNG511-609-D	210	18	23		M16	210	18	M16	200	40	14		M12
SSNG512-610-D	210	18	23		M16	210	18	M16	200	40	14		M12
SSNG513-611-D	230	18	23		M16	230	18	M16	220	48	14		M12
SSNG515-612-D	230	18	23		M16	230	18	M16	220	48	14		M12
SSNG516-613-D	260	22	27		M20	260	22	M20	252	52	18		M16
SSNG517-D	260	22	27		M20	260	22	M20	252	52	18		M16
SSNG518-615-D	290	22	27		M20	290	22	M20	280	58	18		M16
SSNG519-616-D	290	22	27		M20	290	22	M20	280	58	18		M16
SSNG520-617-D	320	26	36		M24	320	26	M24	300	66	18		M16
SSNG522-619-D	350	26	36		M24	350	26	M24	320	74	18		M16
SSNG524-620-D	350	26	36		M24	350	26	M24	330	74	18		M16
SSNG526-D	380	28	36		M24	280	28	M24	370	80	22		M20
SSNG528-D	420	33	42		M30	420	35	M30	400	92	26		M24
SSNG530-D	450	33	42		M30	450	35	M30	430	100	26		M24
SSNG532-D	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
SSNG208-307	61	5	8	11	62	70,5
SSNG508-607	62	5	8	11	51,5	59,5
SSNG209	59	5	5	12	67	75,5
SSNG509	60	5	9	12	56,5	64,5
SSNG210	64	5	9	12	72	80,5
SSNG510-608	65	5	9	12	62	70,5
SSNG211	69	5	9	12	77	85,5
SSNG511-609	70	5	9	12	67	75,5
SSNG212	79	5	9	12	87	95,5
SSNG512-610	80	5	9	13	72	80,5
SSNG213	82	5	9	13	92,5	101
SSNG513-611	83	5	9	13	77	85,5
SSNG215	87	5	9	13	102,5	111
SSNG515-612	88	5	9	13	87	95,5
SSNG216	92	5	9	13	108	116,5
SSNG516-613	93	5	9	13	92,5	101
SSNG217	97	5	9	13	112	120,5
SSNG517	98	5	9	13	97,5	106
SSNG218	112	5	9	13	120	128,5
SSNG518-615	113	5	9	13	102,5	111
SSNG519-616	116	6	10	14	131	141
SSNG520-617	131	6	10	14	137,5	147,5
SSNG522-619	143	6	10	14	147,5	157,5
SSNG524-620	151	6	11	15	157,5	167,5
SSNG526	156	6	11	15	167,5	177,5
SSNG528	171	6	11	15	177,5	187,5
SSNG530	189	6	11	15	192,5	202,5
SSNG532	201	6	11	15	202,5	212,5





SSNG200



SSNG300



SSNG600

The SSNG pillow block housings are completely interchangeable 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 directly 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.

SSNG500
SSNG600
SSNG200
SSNG300



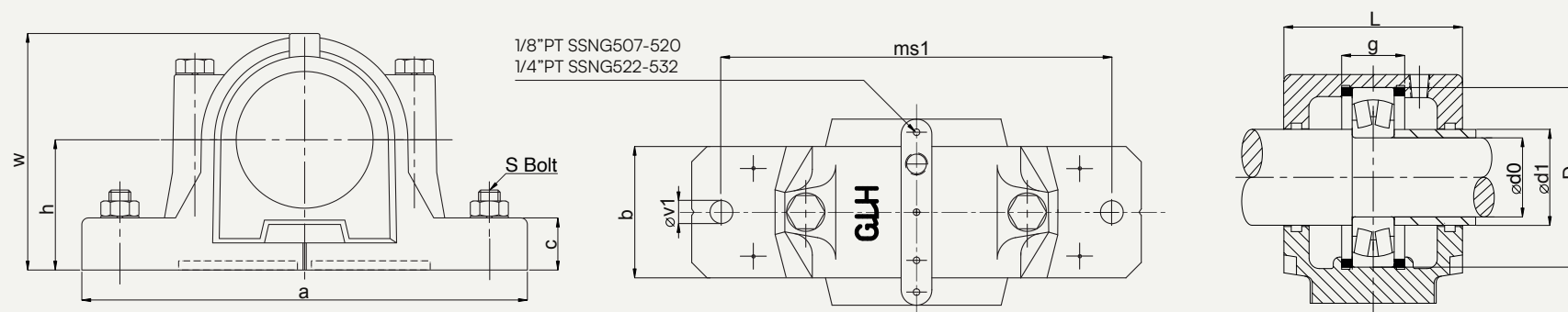
2,8kg - 55kg



30mm - 160mm

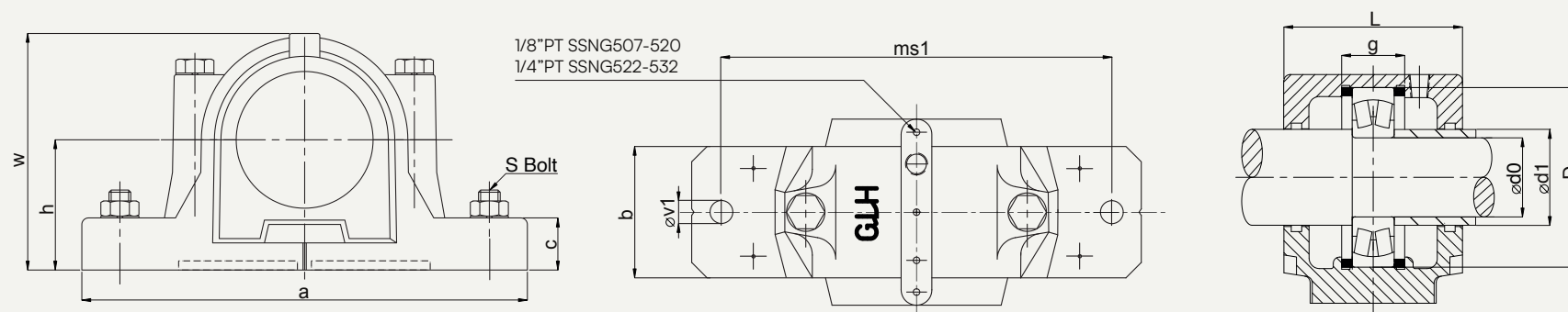


4m/s - 30m/s

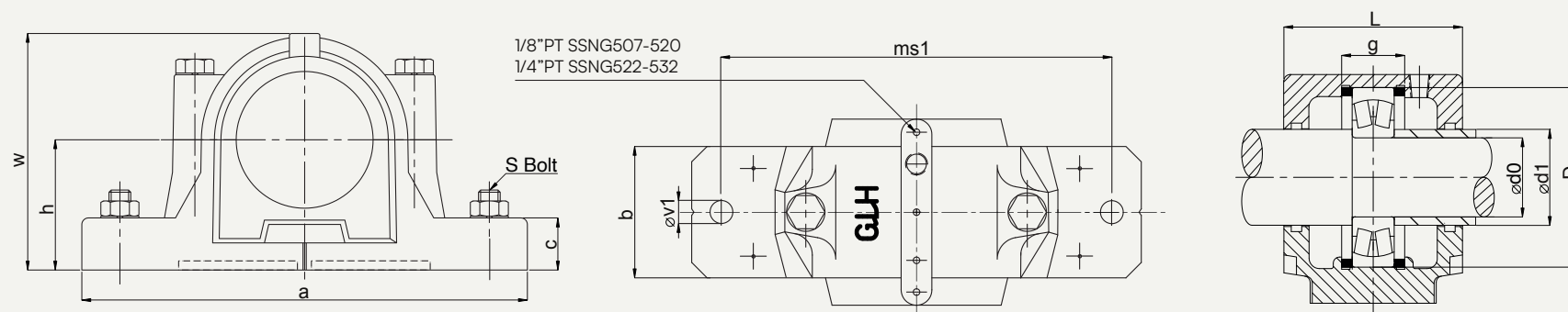


Article	d0	d1	D	a	ms1	v1	L	b	w	h	c	g	S Bolt	kg	Bearing	Locating-Ring	Felt-seal stripe	ASNA
SSNG208-D-MS1	40	50	80	205	170	15	85	60	106	60	25	39	M12	2,8	1208 2208 22208	2 x FR80x10,5 2 x FR80x8 2 x FR80x8	4 pc's 5x5,5x170	ASNA510
SSNG209-D-MS1	45	55	85	205	170	15	85	60	109	60	25	30	M12	3	1209 2209 22209	2 x FR85x5,5 2 x FR85x7 2 x FR85x7	4 pc's 5x5,5x170	ASNA511
SSNG210-D-MS1	50	60	90	205	170	15	90	60	112	60	25	41	M12	3,1	1210 2210 22210	2 x FR90x10,5 2 x FR90x9 2 x FR90x9	4 pc's 5x5,5x170	ASNA512
SSNG211-D-MS1	55	65	100	255	210	18	95	70	127	70	28	44	M16	4,5	1211 2211 22211	2 x FR100x11,5 2 x FR100x9,5 2 x FR100x9,5	4 pc's 5x5,5x170	ASNA513
SSNG212-D-MS1	60	70	110	255	210	18	105	70	133	70	30	48	M16	5	1212 2212 22212	2 x FR110x13 2 x FR110x10 2 x FR110x10	4 pc's 5x5,5x170	ASNA515
SSNG213-D-MS1	65	75	120	275	230	18	110	80	148	80	30	51	M16	6,1	1213 2213 22213	2 x FR120x14 2 x FR120x10 2 x FR120x10	4 pc's 5x5,5x170	ASNA516

SSNG215D-MS1 - SSNG219D-MS1

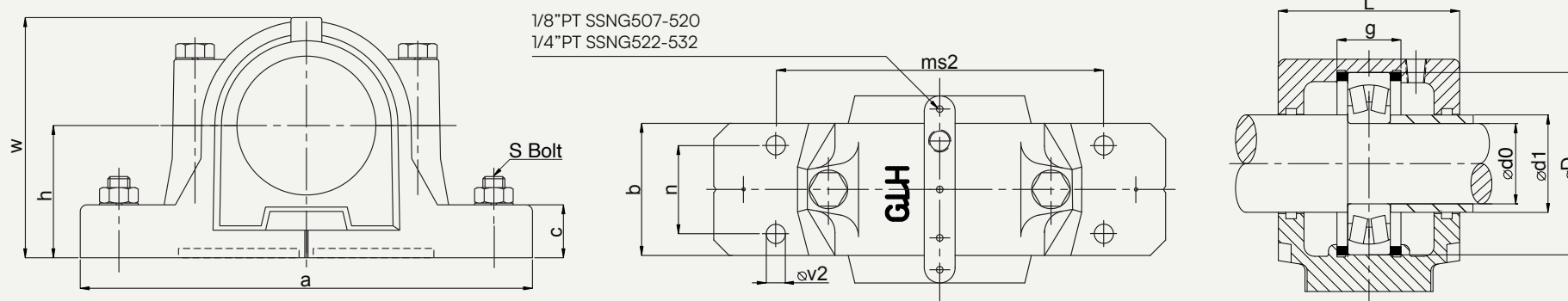


Article	d0	d1	D	a	ms1	v1	L	b	w	h	c	g	S Bolt	kg	Bearing	Locating-Ring	Felt-seal stripe	ASNA
SSNG215-D-MS1	75	85	130	280	230	18	115	80	154	80	30	56	M16	6,5	1215 2215 22215	2 x FR130x15.5 2 x FR130x12.5 2 x FR130x12.5	4 pc's 5x5,5x170	ASNA518
SSNG216-D-MS1	80	90	140	315	260	22	120	90	175	95	32	58	M20	9	1216 2216 22216	2 x FR140x16 2 x FR140x12.5 2 x FR140x12.5	4 pc's 5x5,5x170	ASNA216
SSNG217-D-MS1	85	95	150	320	260	22	125	90	181	95	32	61	M20	10,2	1217 2217 22217	2 x FR150x16.5 2 x FR150x12.5 2 x FR150x12.5	4 pc's 5x5,5x170	ASNA217
SSNG218-D-MS1	90	100	160	345	290	22	140	100	192	100	35	65	M20	12,4	1218 2218 22218 23218	2 x FR160x17.5 2 x FR160x12.5 2 x FR160x12.5 2 x FR160x6.3	4 pc's 5x5,5x170	ASNA218
SSNG219-D-MS1	95	110	170	345	290	22	145	100	209	112	35	68	M20	13,5	1219 2219 22219	2 x FR170x18 2 x FR170x12,5 2 x FR170x12,5	4 pc's 5x5,5x170	ASNA519

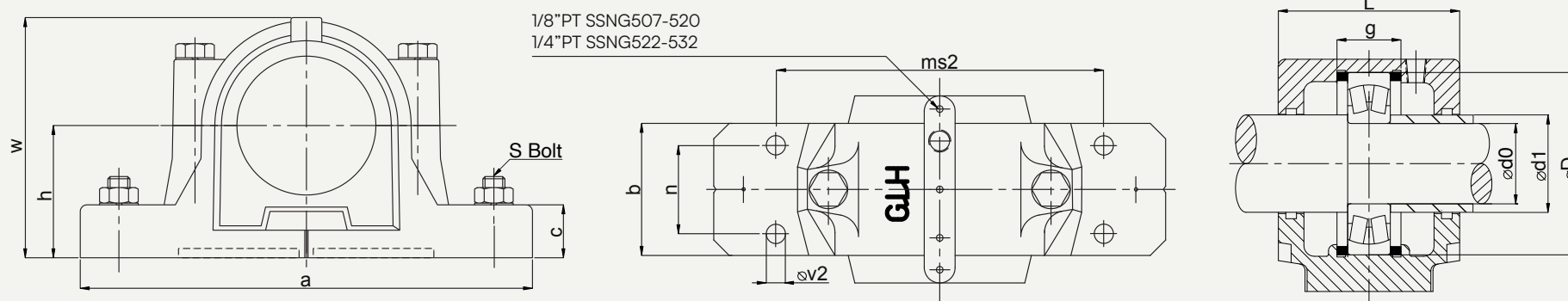


Article	d0	d1	D	a	ms1	v1	L	b	w	h	c	g	S Bolt	kg	Bearing	Locating-Ring	TSNG	TSU	TSNA	TAU	TSNC	ASNA
SSNG220-D-MS1	100	115	180	380	320	26	160	110	215	112	40	70	M24	17,5	1220 2220 22220 23220	2 x FR180x18 2 x FR180x12 2 x FR180x12 2 x FR180x4.85	TSNG220	TSU220	TSNA220	TAU220	TSNC220	ASNA520
SSNG222-D-MS1	110	125	200	410	350	26	175	120	239	125	45	80	M24	20,5	1222 2222 22222 23222	2 x FR200x21 2 x FR200x13.5 2 x FR200x13.5 2 x FR200x5.1	TSNG222	TSU222	TSNA222	TAU222	TSNC222	ASNA522
SSNG224-D-MS1	120	135	215	410	350	26	185	120	271	140	45	86	M24	25,5	1224 22224 23224	2 x FR215x22 2 x FR215x14 2 x FR215x5	TSNG224	TSU224	TSNA224	TAU224	TSNC224	ASNA524
SSNG226-D-MS1	130	145	230	445	380	28	190	130	290	150	50	90	M24	33	22226 23226	2 x FR230x13 2 x FR230x5	TSNG226	TSU226	TSNA226	TAU226	TSNC226	ASNA526
SSNG228-D-MS1	140	155	250	500	458	35	205	150	302	150	50	98	M30	42	22228 23228	2 x FR250x15 2 x FR250x5	TSNG228	TSU228	TSNA228	TAU228	TSNC228	ASNA528
SSNG230-D-MS1	150	165	270	530	486	35	220	160	323	160	60	106	M30	53	22230 23230	2 x FR270x16.5 2 x FR270x5	TSNG230	TSU230	TSNA230	TAU230	TSNC230	ASNA530
SSNG232-D-MS1	160	175	290	550	506	35	235	160	344	170	60	114	M30	55	22232 23232	2 x FR290x17 2 x FR290x5	TSNG232	TSU232	TSNA232	TAU230	TSNC232	ASNA532

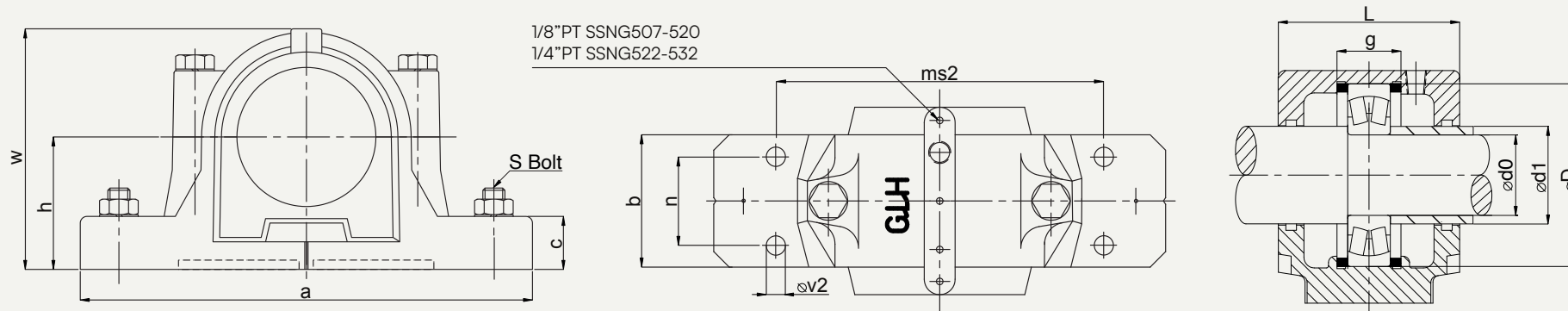
SSNG208D-MS2 - SSNG213D-MS2



Article	d0	d1	D	a	ms2	v2	n	L	b	w	h	c	g	S Bolt	kg	Bearing	Locating-Ring	Felt seal	ASNA
SSNG208-D-MS2	40	50	80	205	160	11	34	85	60	106	60	25	39	M12	2,8	1208	2 x FR80x10.5	FS170	ASNA510
																2208	2 x FR80x8		
																22208	2 x FR80x8		
SSNG209-D-MS2	45	55	85	205	160	11	34	85	60	109	60	25	30	M12	3	1209	2 x FR85x5.5	FS170	ASNA511
																2209	2 x FR85x7		
																22209	2 x FR85x7		
SSNG210-D-MS2	50	60	90	205	160	11	34	90	60	112	60	25	41	M12	3,1	1210	2 x FR90x10.5	FS170	ASNA512
																2210	2 x FR90x9		
																22210	2 x FR90x9		
SSNG211-D-MS2	55	65	100	255	200	14	40	95	70	127	70	28	44	M16	4,5	1211	2 x FR100x11.5	FS170	ASNA513
																2211	2 x FR100x9.5		
																22211	2 x FR100x9.5		
SSNG212-D-MS2	60	70	110	255	200	14	40	105	70	133	70	30	48	M16	5	1212	2 x FR110x13	FS170	ASNA515
																2212	2 x FR110x10		
																22212	2 x FR110x10		
SSNG213-D-MS2	65	75	120	275	220	14	48	110	80	148	80	30	51	M16	6,1	1213	2 x FR120x14	FS170	ASNA516
																2213	2 x FR120x10		
																22213	2 x FR120x10		



Article	d0	d1	D	a	ms2	v2	n	L	b	w	h	c	g	S Bolt	kg	Bearing	Locating-Ring	Felt seal	ASNA
SSNG215-D-MS2	75	85	130	280	220	14	48	115	80	154	80	30	56	M16	6,5	1215 2215 22215	2 x FR130x15.5 2 x FR130x12.5 2 x FR130x12.5	FS170	ASNA518
SSNG216-D-MS2	80	90	140	315	252	18	52	120	90	175	95	32	58	M20	9	1216 2216 22216	2 x FR140x16 2 x FR140x12.5 2 x FR140x12.5	FS170	ASNA216
SSNG217-D-MS2	85	95	150	320	252	18	52	125	90	181	95	32	61	M20	10,2	1217 2217 22217	2 x FR150x16.5 2 x FR150x12.5 2 x FR150x12.5	FS170	ASNA217
SSNG218-D-MS2	90	100	160	345	280	18	58	140	100	192	100	35	65	M20	12,4	1218 2218 22218 23218	2 x FR160x17.5 2 x FR160x12.5 2 x FR160x12.5 2 x FR160x6.3	FS170	ASNA218
SSNG219-D-MS2	95	110	170	345	280	18	58	145	100	209	112	35	68	M20	13,5	1219 2219 22219	2 x FR170x18 2 x FR170x12.5 2 x FR170x12,5	FS170	ASNA519



Article	d0	d1	D	a	ms2	v2	n	L	b	w	h	c	g	S Bolt	kg	Bearing	Locating-Ring	TSNG	TSU	TSNA	TAU	TSNC	ASNA
SSNG220-D-MS2	100	115	180	380	300	18	66	160	110	215	112	40	70	M24	17,5	11220	2 x FR180x18	TSNG220	TSU220	TSNA220	TAU220	TSNC220	ASNA520
																2220	2 x FR180x12						
																22220	2 x FR180x12						
																23220	2 x FR180x4.85						
SSNG222-D-MS2	110	125	200	410	320	18	74	175	120	239	125	45	80	M24	20,5	1222	2 x FR200x21	TSNG222	TSU222	TSNA222	TAU222	TSNC222	ASNA522
																2222	2 x FR200x13.5						
																22222	2 x FR200x13.5						
																23222	2 x FR200x5.1						
SSNG224-D-MS2	120	135	215	410	330	18	74	185	120	271	140	45	86	M24	25,5	1224	2 x FR215x22	TSNG224	TSU224	TSNA224	TAU224	TSNC224	ASNA524
																22224	2 x FR215x14						
																23224	2 x FR215x5						
SSNG226-D-MS2	130	145	230	445	370	22	80	190	130	290	150	50	90	M24	33	22226	2 x FR230x13	TSNG226	TSU226	TSNA226	TAU226	TSNC226	ASNA526
																23226	2 x FR230x5						
SSNG228-D-MS2	140	155	250	500	400	26	92	205	150	302	150	50	98	M30	42	22228	2 x FR250x15	TSNG228	TSU228	TSNA228	TAU228	TSNC228	ASNA528
																23228	2 x FR250x5						
SSNG230-D-MS2	150	165	270	530	430	26	100	220	160	323	160	60	106	M30	53	22230	2 x FR270x16.5	TSNG230	TSU230	TSNA230	TAU230	TSNC230	ASNA530
																23230	2 x FR270x5						
SSNG232-D-MS2	160	175	290	550	450	26	100	235	160	344	170	60	114	M30	55	22232	2 x FR290x17	TSNG232	TSU232	TSNA232	TAU230	TSNC232	ASNA532
																23232	2 x FR290x5						



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