

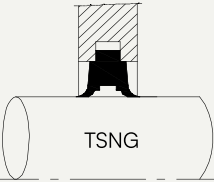
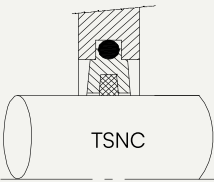
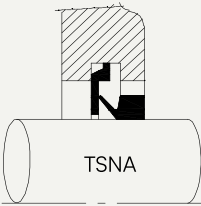
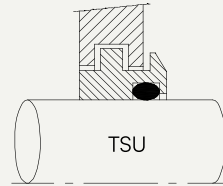
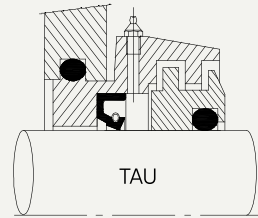
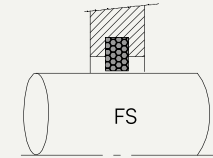
SNGH500



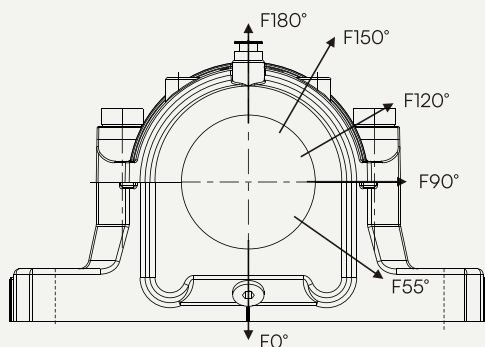
Seal Arrangements



-  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						

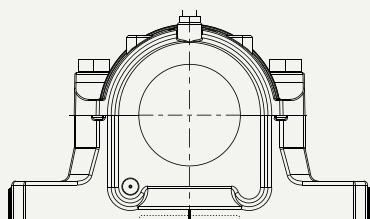
Breaking load



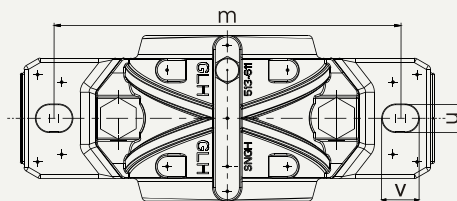
In general for compensation of the housing breaking load value a safety factor of 6 is recommended
*use 70% of this value

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

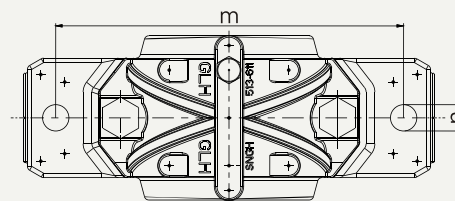
Bolt bore



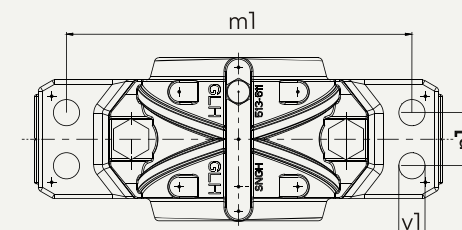
- Material GGG40
- Solid base
- Without bolt bore
- Main dimensions see page 16-23



Basic



T/MS1



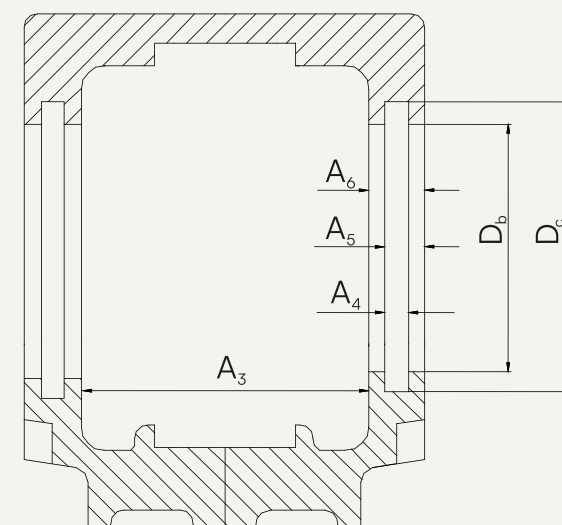
F/MS2

Reference	m	Basic		Bolts	T/MS1		Bolts	m1	F/MS2		Bolts
		u	v		m	n			n1	v1	
SSNGH508-607-D	170	15	20	M12	170	15	M12	160	34	11	M10
SSNGH509-D	170	15	20	M12	170	15	M12	160	34	11	M10
SSNGH510-608-D	170	15	20	M12	170	15	M12	160	34	11	M10
SSNGH511-609-D	210	18	23	M16	210	18	M16	200	40	14	M12
SSNGH512-610-D	210	18	23	M16	210	18	M16	200	40	14	M12
SSNGH513-611-D	230	18	23	M16	230	18	M16	220	48	14	M12
SSNGH515-612-D	230	18	23	M16	230	18	M16	220	48	14	M12
SSNGH516-613-D	260	22	27	M20	260	22	M20	252	52	18	M16
SSNGH517-D	260	22	27	M20	260	22	M20	252	52	18	M16
SSNGH518-615-D	290	22	27	M20	290	22	M20	280	58	18	M16
SSNGH519-616-D	290	22	27	M20	290	22	M20	280	58	18	M16
SSNGH520-617-D	320	26	36	M24	320	26	M24	300	66	18	M16
SSNGH522-619-D	350	26	36	M24	350	26	M24	320	74	18	M16
SSNGH524-620-D	350	26	36	M24	350	26	M24	330	74	18	M16
SSNGH526-D	380	28	36	M24	280	28	M24	370	80	22	M20
SSNGH528-D	420	33	42	M30	420	35	M30	400	92	26	M24
SSNGH530-D	450	33	42	M30	450	35	M30	430	100	26	M24
SSNGH532-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
SNGH208-307	61	5	8	11	62	70,5
SNGH508-607	62	5	8	11	51,5	59,5
SNGH209	59	5	5	12	67	75,5
SNGH509	60	5	9	12	56,5	64,5
SNGH210	64	5	9	12	72	80,5
SNGH510-608	65	5	9	12	62	70,5
SNGH211	69	5	9	12	77	85,5
SNGH511-609	70	5	9	12	67	75,5
SNGH212	79	5	9	12	87	95,5
SNGH512-610	80	5	9	13	72	80,5
SNGH213	82	5	9	13	92,5	101
SNGH513-611	83	5	9	13	77	85,5
SNGH215	87	5	9	13	102,5	111
SNGH515-612	88	5	9	13	87	95,5
SNGH216	92	5	9	13	108	116,5
SNGH516-613	93	5	9	13	92,5	101
SNGH217	97	5	9	13	112	120,5
SNGH517	98	5	9	13	97,5	106
SNGH218	112	5	9	13	120	128,5
SNGH518-615	113	5	9	13	102,5	111
SNGH519-616	116	6	10	14	131	141
SNGH520-617	131	6	10	14	137,5	147,5
SNGH522-619	143	6	10	14	147,5	157,5
SNGH524-620	151	6	11	15	157,5	167,5
SNGH526	156	6	11	15	167,5	177,5
SNGH528	171	6	11	15	177,5	187,5
SNGH530	189	6	11	15	192,5	202,5
SNGH532	201	6	11	15	202,5	212,5

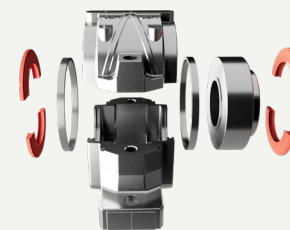




SNGH300



SNGH500



SNGH600

The SNGH plummer block housings are completely exchangeable with the series SN, SNE, SNA, SNH, SNL, SNU, and SNV. The main dimensions adapt 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.

SNGH500
SNGH600
SNGH200
SNGH300



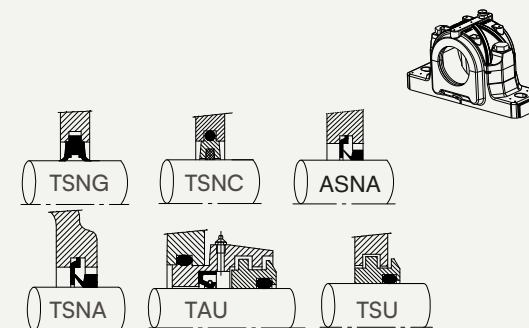
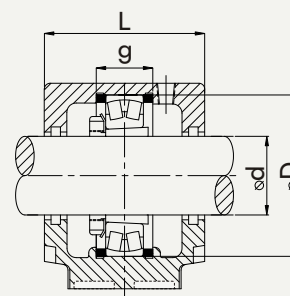
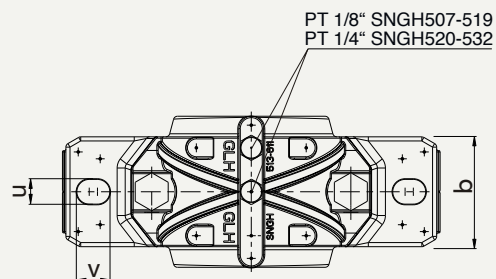
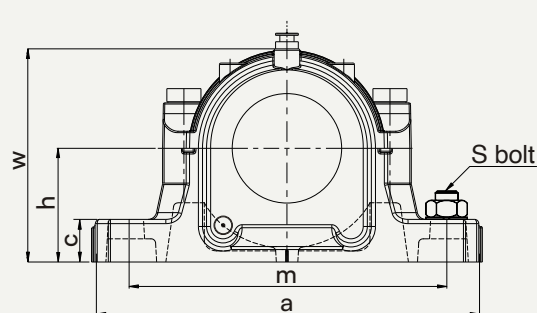
2,2kg - 55kg



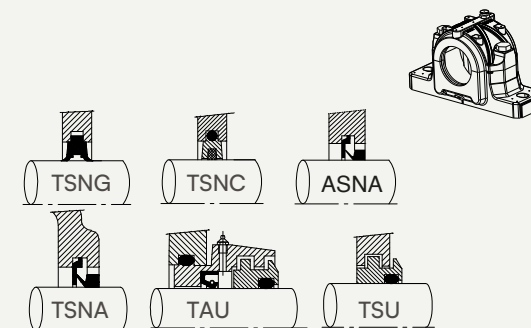
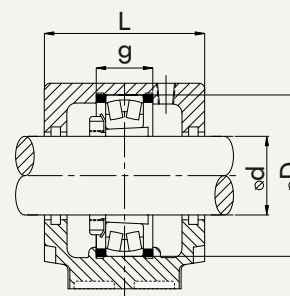
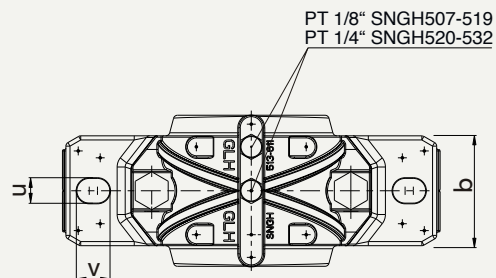
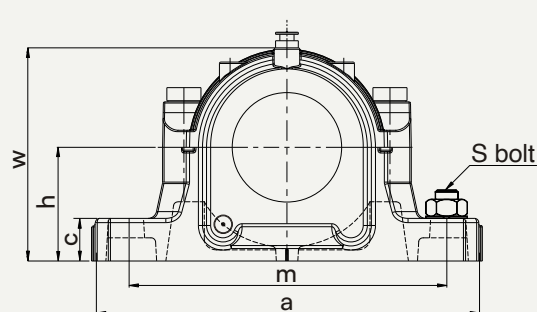
25mm - 160mm



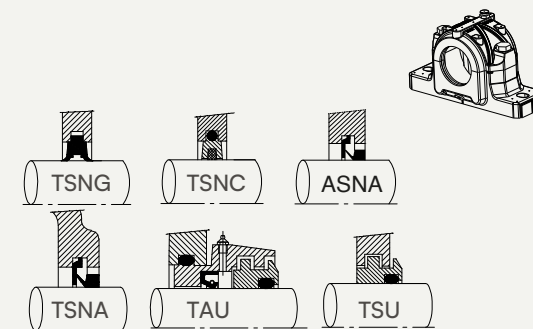
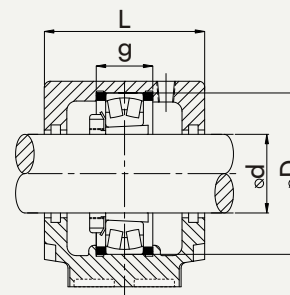
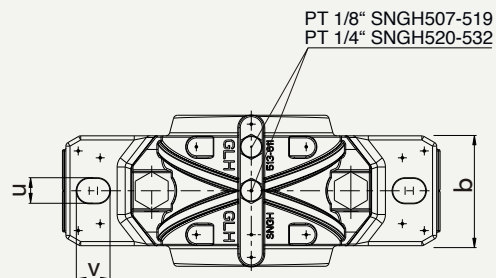
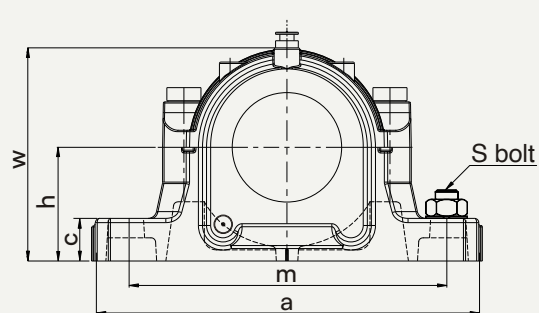
4m/s - 30m/s



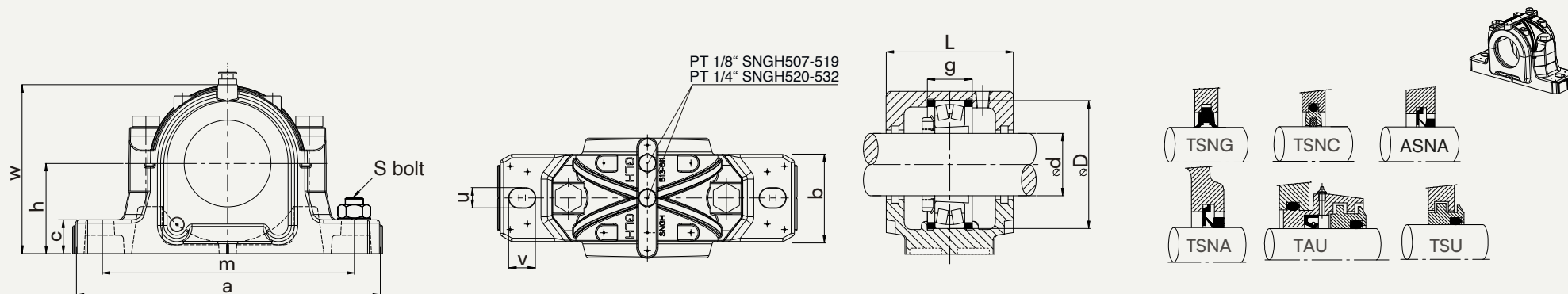
Article	Housing	d	D	a	m	L	b	w	h	c	g	S Bolt	kg	Bearing	Sleeve	Locating-Ring	TSNG	TSU	TSNA	TAU	TSNC	ASNA	u	v
SNGH507	SNGH507-606	30	72	185	150	82	52	92	50	22	34	M12	2,2	1207-K	H207	2 x FR72x8.5	TSNG207	TSU207	TSNA207	TAU207	TSNC207	ASNA207	15	20
														2207-K	H307	2 x FR72x5.5								
														22207-K	H307	2 x FR72x5.5								
SNGH508	SNGH508-607	35	80	205	170	85	60	106	60	25	39	M12	2,8	1208-K	H208	2 x FR80x10.5	TSNG208	TSU208	TSNA208	TAU208	TSNC208	ASNA510	15	20
														2208-K	H308	2 x FR80x8								
														22208-K	H308	2 x FR80x8								
SNGH509	SNGH509	40	85	205	170	85	60	109	60	25	30	M12	3	1209-K	H209	2 x FR85x5.5	TSNG209	TSU209	TSNA209	TAU209	TSNC209	ASNA511	15	20
														2209-K	H309	2 x FR85x7								
														22209-K	H309	2 x FR85x7								
SNGH510	SNGH510-608	45	90	205	170	90	60	112	60	25	41	M12	3,1	1210-K	H210	2 x FR90x10.5	TSNG210	TSU210	TSNA210	TAU210	TSNC210	ASNA512	15	20
														2210-K	H310	2 x FR90x9								
														22210-K	H310	2 x FR90x9								
SNGH511	SNGH511-609	50	100	255	210	95	70	127	70	28	44	M16	4,5	1211-K	H211	2 x FR100x11.5	TSNG211	TSU211	TSNA211	TAU211	TSNC211	ASNA513	18	23
														2211-K	H311	2 x FR100x9.5								
														22211-K	H311	2 x FR100x9.5								
SNGH512	SNGH512-610	55	110	255	210	105	70	133	70	30	48	M16	5	1212-K	H212	2 x FR110x13	TSNG212	TSU212	TSNA212	TAU212	TSNC212	ASNA515	18	23
														2212-K	H312	2 x FR110x10								
														22212-K	H312	2 x FR110x10								



Article	Housing	d	D	a	m	L	b	w	h	c	g	S Bolt	kg	Bearing	Sleeve	Locating-Ring	TSNG	TSU	TSNA	TAU	TSNC	ASNA	u	v
SNGH513	SNGH513-611	60	120	275	230	110	80	148	80	30	51	M16	6,1	1213-K	H213	2 x FR120x14	TSNG213	TSU213	TSNA213	TAU213	TSNC213	ASNA516	18	23
														2213-K	H313	2 x FR120x10								
														22213-K	H313	2 x FR120x10								
SNGH515	SNGH515-612	65	130	280	230	115	80	154	80	30	56	M16	6,5	1215-K	H215	2 x FR130x15.5	TSNG215	TSU215	TSNA215	TAU215	TSNC215	ASNA518	18	23
														2215-K	H315	2 x FR130x12.5								
														22215-K	H315	2 x FR130x12.5								
SNGH516	SNGH516-613	70	140	315	260	120	90	175	95	32	58	M20	9	1216-K	H216	2 x FR140x16	TSNG216	TSU216	TSNA216	TAU216	TSNC216	ASNA216	22	27
														2216-K	H316	2 x FR140x12.5								
														22216-K	H316	2 x FR140x12.5								
SNGH517	SNGH517	75	150	320	260	125	90	181	95	32	61	M20	10,2	1217-K	H217	2 x FR150x16.5	TSNG217	TSU217	TSNA217	TAU217	TSNC217	ASNA217	22	27
														2217-K	H317	2 x FR150x12.5								
														22217-K	H317	2 x FR150x12.5								
SNGH518	SNGH518-615	80	160	345	290	140	100	192	100	35	65	M20	12,4	1218-K	H218	2 x FR160x17.5	TSNG218	TSU218	TSNA218	TAU218	TSNC218	ASNA218	22	27
														2218-K	H318	2 x FR160x12.5								
														22218-K	H318	2 x FR160x12.5								
														23218	H2318	2 x FR160x6.3								



Article	Housing	d	D	a	m	L	b	w	h	c	g	S Bolt	kg	Bearing	Sleeve	Locating-Ring	TSNG	TSU	TSNA	TAU	TSNC	ASNA	u	v
SNGH519	SNGH519-616	85	170	345	290	145	100	209	112	35	68	M20	13,5	1219-K	H219	2 x FR170x18	TSNG219	TSU219	TSNA219	TAU219	TSNC219	ASNA519	22	27
														2219-K	H319	2 x FR170x12,5								
														22219-K	H319	2 x FR170x12,5								
SNGH520	SNGH520-617	90	180	380	320	160	110	215	112	40	70	M24	17,5	1220-K	H220	2 x FR180x18	TSNG220	TSU220	TSNA220	TAU220	TSNC220	ASNA520	26	36
														2220-K	H320	2 x FR180x12								
														22220-K	H320	2 x FR180x12								
														23220	H2320	2 x FR180x4.85								
SNGH522	SNGH522-619	100	200	410	350	175	120	239	125	45	80	M24	20,5	1222-K	H222	2 x FR200x21	TSNG222	TSU222	TSNA222	TAU222	TSNC222	ASNA522	26	36
														2222-K	H322	2 x FR200x13.5								
														22222-K	H322	2 x FR200x13.5								
														23222	H2322	2 x FR200x5.1								



Article	Housing	d	D	a	m	L	b	w	h	c	g	S Bolt	kg	Bearing	Sleeve	Locating-Ring	TSNG	TSU	TSNA	TAU	TSNC	ASNA	u	v
SNGH524	SNGH524-620	110	215	410	350	185	120	271	140	45	86	M24	25,5	1224K	H3124	2 x FR215x22	TSNG224	TSU224	TSNA224	TAU224	TSNC224	ASNA524	26	36
														22224K	H3124	2 x FR215x14								
														23224K	H2324	2 x FR215x5								
SNGH526	SNGH526	115	230	445	380	190	130	290	150	50	90	M24	33	22226K	H3126	2 x FR230x13	TSNG226	TSU226	TSNA226	TAU226	TSNC226	ASNA526	28	36
														23226K	H2326	2 x FR230x5								
SNGH528	SNGH528	125	250	500	420	205	150	302	150	50	98	M30	42	22228K	H3128	2 x FR250x15	TSNG228	TSU228	TSNA228	TAU228	TSNC228	ASNA528	33	42
														23228K	H2328	2 x FR250x5								
SNGH530	SNGH530	135	270	530	450	220	160	323	160	60	106	M30	53	22230K	H3130	2 x FR270x16.5	TSNG230	TSU230	TSNA230	TAU230	TSNC230	ASNA530	33	42
														23230K	H2330	2 x FR270x5								
SNGH532	SNGH532	140	290	550	470	235	160	344	170	60	114	M30	55	22232K	H3132	2 x FR290x17	TSNG232	TSU232	TSNA232	TAU230	TSNC232	ASNA532	33	42
														23232K	H2332	2 x FR290x5								



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