



BEARING HOUSING & ACCESSORIES



J & J Engineering & Journey

25 years ago it was a revolutionary era in bearings industry & that was the time when a revolutionary company J&J Engineering rooted his feet in bearing industry with the motto of giving quality products to the end users. Being the rich experience with great exposure to the outer world & new techniques too.

J&J Engineering has played a pioneering role in the growth of bearing housings in India. It has established itself as the market and brand leader in the bearing housings industry in India. The results of the vast experience, industry knowledge & efforts in the area of research and development led to a growing number of quality products that have created new standards and new products in the bearing world. They stand for quality and engineering excellence. Their operations in Ahmedabad plant are also in accordance with other internationally accepted processes.

The company has a very strong network in dealer around the country & has built a diverse product portfolio to meet the needs of different consumer segments, ranging from standard series in cast iron to advanced high performance custom designed products in customer specific material requirements.

Customized Product

J&J Engineering being a leading manufacturer & supplier of products it also deal with customized design according to client needs so it would be the only halt for end to end solution. The solutions and services in the area comprising Plummer blocks (bearing housings), bearing accessories & housing sealing solutions. Services include technical support & maintenance services.

Field Expertise

Bulk Material Handling

Sugar Plants

Steel Plants

Textile Machineries

Industrial fans

Heavy Eng. Industries

Cement factories & many more...

Tailor Made Housing

Water cooling jackets-Its quality container filled with water that surrounds a machine to cool it; especially that surrounding the cylinder block of an engine.

Oil mist lubrication-Its Oil mist lubrication systems are becoming increasingly popular in a variety of applications where only limited oil feed supply is required; include bearings of electric motors, pumps and compressors in many oil refineries and petrochemical plants.

RTD probe provision-Probes and probe accessories are carefully designed and manufactured according to strict tolerances and specifications. The J&J E Engineering RTD probe design team uses modern tools to develop, model and engineer tailor-made probe solutions.

Vision

Become the gigantic engineering product manufacture company.

Mission

To provide the latest & quality products in bearing industry.

For our customers

Delivering industry-leading, high value products, services and knowledge-engineered solutions within shortest possible periods at best prices possible.

Quality Policy

Quality is what J&J stands for and the key to their global competitiveness. With the most advanced manufacturing facilities equipped with state-of-the-art automated machines, we guarantee to provide our customers with unparalleled quality product.

Future at J&J Engineering

Seek to provide the most high quality products in the bearing housings industry. Products designs are made for customers benefit. From the most basic features to the most sophisticated designs, the products are designed to give customers substantial value.

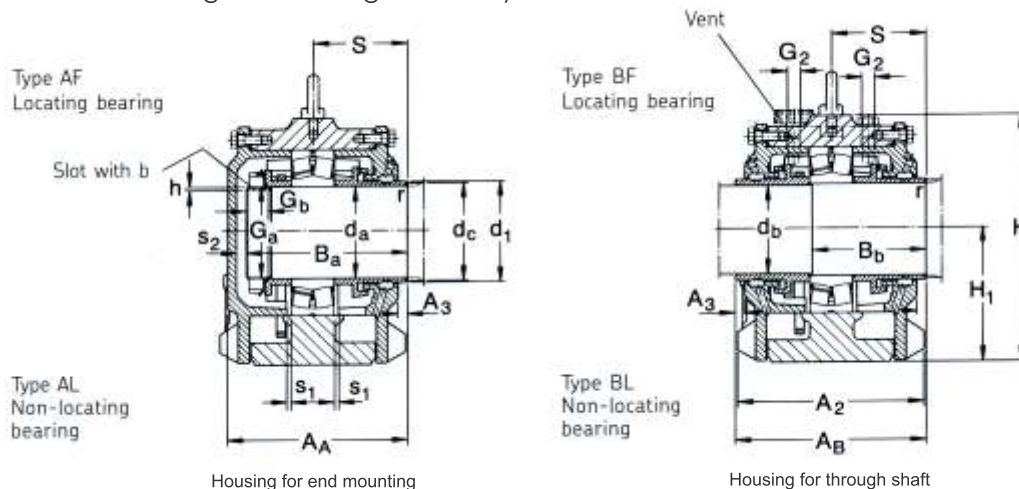
J&J Engineering is recognized as the new benchmark for modern bearing housings technology, superior quality and personalized service that has ensured our product and nationwide acclaim in the industry.



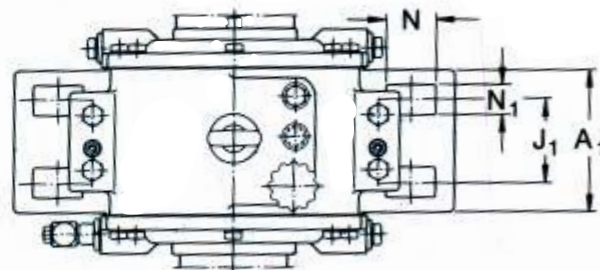
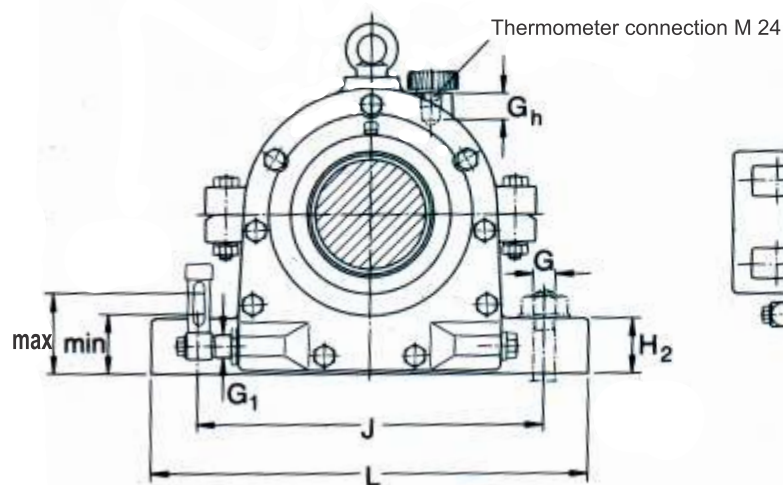
SOFN-Series



SOFN plummer block housings for bearings with a cylindrical bore

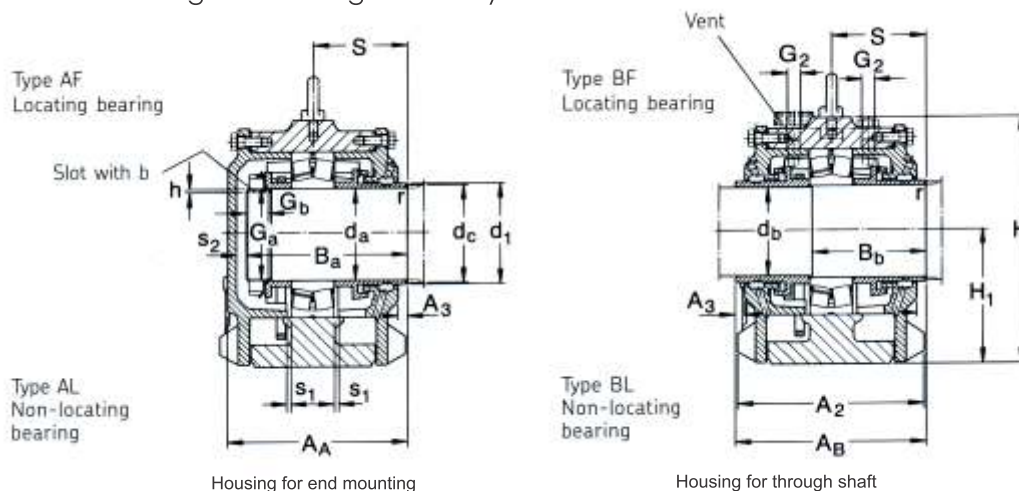


Shaft d_a mm	Housing Dimensions (mm)																	Designation Housing
	d_b	d_c min	A_A	A_B	A_1	A_2	A_3	G	G_1	H	H_1	H_2	J	J_1	L	N	N_1	
50	49	56	142.5	150	92	145	7.5	16	27	168	95	30	210	50	270	30	19	SOFN 310
55	53	61	147.5	155	95	148	7.5	16	27	180	100	30	233	50	290	33	19	SOFN 311
60	58	66	142.5	150	92	145	7.5	16	27	168	95	30	210	50	270	30	19	SOFN 212
	58	66	162.5	170	100	152	7.5	16	27	198	110	30	230	55	290	34	19	SOFN 312
65	63	71	147.5	155	95	148	7.5	16	27	180	100	35	230	50	290	34	19	SOFN 213
	63	71	172.5	180	110	182	7.5	a20	27	230	125	35	260	60	330	40	24	SOFN 313
70	68	76	162.5	170	100	152	7.5	16	27	198	110	30	230	55	290	34	19	SOFN 214
	65	76	172.5	180	110	182	7.5	20	27	230	125	35	260	60	330	40	24	SOFN 314
75	73	81	172.5	170	100	152	7.5	16	27	198	110	30	230	55	290	34	19	SOFN 215
	73	81	180	190	120	190	10	20	27	245	135	40	290	70	360	40	24	SOFN 315
80	78	86	172.5	180	110	182	7.5	20	27	230	125	35	260	60	330	40	24	SOFN 216
	78	86	199	214	135	210	15	20	27	255	140	40	290	80	360	40	24	SOFN 316
85	83	91	172.5	180	110	182	7.5	20	27	230	125	35	260	60	330	40	24	SOFN 217
	83	91	206	206	130	205	10	24	27	270	145	50	320	75	400	45	28	SOFN 317
90	88	96	180	190	120	190	10	20	27	245	135	45	290	70	360	40	24	SOFN 218
	88	96	225	240	165	246	15	24	32	280	155	50	317	95	400	45	28	SOFN 318
95	93	101	192	200	135	210	8	20	27	255	140	40	290	80	360	40	24	SOFN 219
	93	101	240	224	145	216	13	24	27	290	160	50	347	75	420	45	28	SOFN 319
100	98	106	196	206	130	205	10	24	27	270	145	50	320	75	400	45	28	SOFN 220
	98	108	255	270	170	245	15	24	27	315	170	55	347	90	420	45	28	SOFN 320

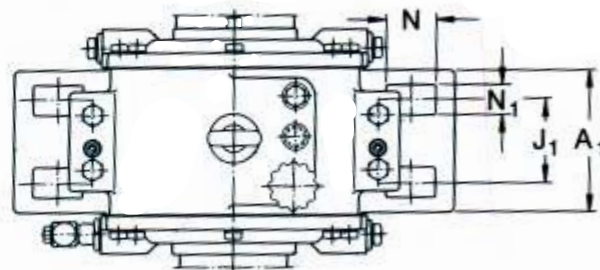
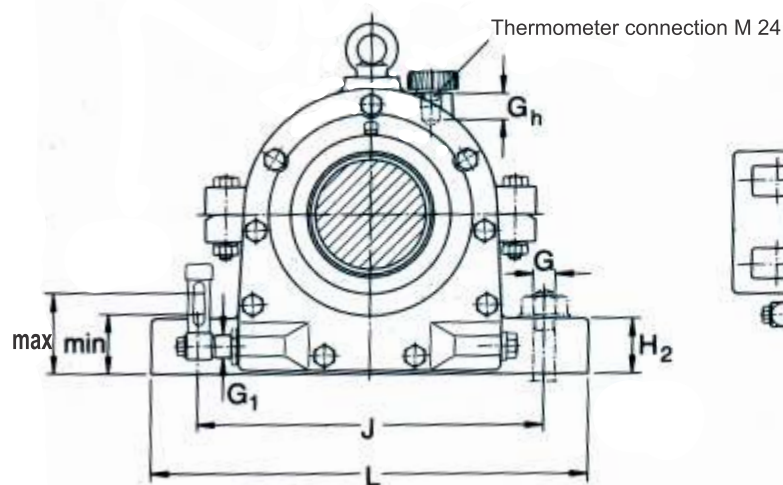


Shaft da mm	Housing Dimension (mm)										Appropriate Bearing	Lock Nut	Locking Washer
	S	d ₁	s ₁	G ₁	G ₂	B _a	B _b	G _a	G _b	s ₂			
50	75	58	3	G ¹ / ₄	G ³ / ₈	128	92	M 50 x 1.5	18	8.5	22310 CC/C3	KM 10	MB 10
55	77.5	65	3	G ¹ / ₄	G ³ / ₈	134	96	M 55 x 2	17	7.5	22311 E/C3	KM 11	MB 11
60	75	70	3	G ¹ / ₄	G ³ / ₈	128	86	M 60 x 2	17	7.5	22212 CC	KM 12	MB 12
	85	70	5	G ¹ / ₄	G ³ / ₈	147	105	M 60 x 2	17	7.5	22312 E/C3	KM 12	MB 12
65	77.5	75	3	G ¹ / ₄	G ³ / ₈	134	90	M 65 x 2	19	6.5	22213 CC	KM 13	MB 13
	90	75	3	G ¹ / ₄	G ³ / ₈	153	110.5	M 65 x 2	19	9.5	22313 CC	KM 13	MB 13
70	85	80	5	G ¹ / ₄	G ³ / ₈	136	98	M 70 x 2	18	16.5	22214 CC	KM 14	MB 14
	90	80	5	G ¹ / ₂	G ³ / ₈	156	112	M 70 x 2	18	8.5	22314 E/C3	KM 14	MB 14
75	85	85	5	G ¹ / ₄	G ³ / ₈	145	98	M 75 x 2	20	18	22215 CC	KM 15	MB 15
	95	85	5	G ¹ / ₂	G ³ / ₈	161	119.5	M 75 x 2	20	10	22315 CC	KM 15	MB 15
80	90	95	5	G ¹ / ₂	G ³ / ₈	149	103	M 80 x 2	22	13.5	22216 CC	KM 16	MB 16
	107	95	5	G ¹ / ₂	G ³ / ₈	181	133	M 80 x 2	22	8	22316 E/C3	KM 16	MB 16
85	90	96	5	G ¹ / ₂	G ³ / ₈	150	105	M 85 x 2	22	14.5	22217 E/C3	KM 17	MB 17
	103	96	5	G ¹ / ₂	G ¹ / ₂	188	130	M 85 x 2	22	8	22317 CC	KM 17	MB 17
90	95	100	5	G ¹ / ₂	G ³ / ₈	161	112	M 90 x 2	23	11	22218 E/C3	KM 18	MB 18
	120	104	5	G ¹ / ₂	G ¹ / ₂	198	148	M 90 x 2	22	17	22318 E/C3	KM 18	MB 18
95	100	105	5	G ¹ / ₂	G ³ / ₈	171	118	M 95 x 2	24	11	22219 E/C3	KM 19	MB 19
	114.5	105	5	G ¹ / ₂	G ¹ / ₂	211	145	M 95 x 2	24	19	22319 CC	KM 19	MB 19
100	103	110	5	G ¹ / ₂	G ¹ / ₂	177	123	M 100 x 2	25	9	22220 E/C3	KM 20	MB 20
	135	115	8	G ¹ / ₂	G ¹ / ₂	226	168	M 100 x 2	27	19	22320 E/C3	KM 20	MB 20

SOFN plumber block housings for bearings with a cylindrical bore

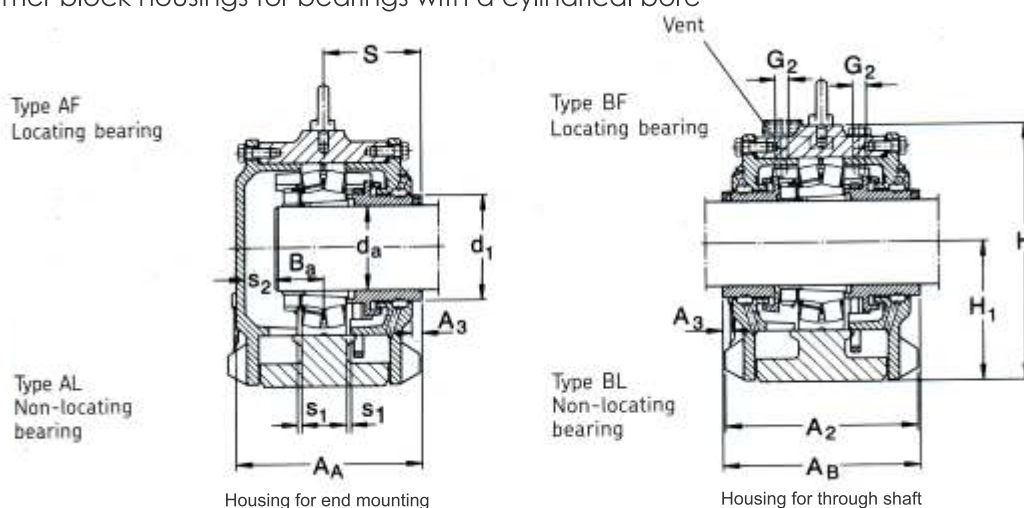


Shaft d_a mm	Housing Dimensions (mm)																	Designation Housing
	d_b	d_c min	A_A	A_B	A_1	A_2	A_3	G	G_1	H	H_1	H_2	J	J_1	L	N	N_1	
110	108	116	216	229	145	216	13	24	27	290	160	50	347	75	420	45	28	SOFN 222
	108	118	270	290	190	265	20	30	33	355	190	65	415	100	500	45	35	SOFN 322
120	118	126	258	276	170	245	18	24	27	315	170	55	347	90	420	45	28	SOFN 224
	118	128	285.5	306	190	265	20.5	30	44	375	200	65	450	115	540	50	35	SOFN 324
130	128	138	255	270	180	260	15	24	32	335	180	60	377	100	450	45	28	SOFN 226
	128	140	300	320	205	285	20	30	38	405	215	65	470	120	560	50	35	SOFN 326
140	138	148	265	280	190	265	15	30	33	355	190	65	415	100	500	45	35	SOFN 228
	138	150	320	340	220	300	20	30	42	425	230	80	510	120	630	60	35	SOFN 328
150	148	158	265	280	190	265	15	30	44	375	200	65	450	115	540	50	35	SOFN 230
	148	168	335	350	240	320	15	30	44	455	245	75	545	150	650	65	35	SOFN 330
160	158	168	298	316	205	280	18	30	38	405	215	65	470	120	560	50	35	SOFN 232
	158	178	350	370	250	335	20	36	50	480	260	85	590	150	720	70	42	SOFN 332
170	168	180	330	350	230	310	20	30	46	440	235	70	515	130	610	55	35	SOFN 234
	168	188	358	378	260	350	20	36	44	510	275	85	600	160	730	70	42	SOFN 334
180	177	196	340	360	240	320	20	30	44	455	245	75	545	150	650	65	35	SOFN 236
	178	198	384.5	404	280	370	19.5	36	48	565	305	95	670	180	820	80	42	SOFN 336
190	188	208	350	370	250	335	20	36	50	480	260	85	590	150	720	70	42	SOFN 238
200	198	218	358	378	260	350	20	36	44	510	275	85	600	160	730	70	42	SOFN 240
220	218	238	384.5	404	280	370	19.5	36	48	565	305	95	670	180	820	80	42	SOFN 244
240	238	258	400	420	290	380	20	36	56	625	340	100	740	190	900	80	42	SOFN 248

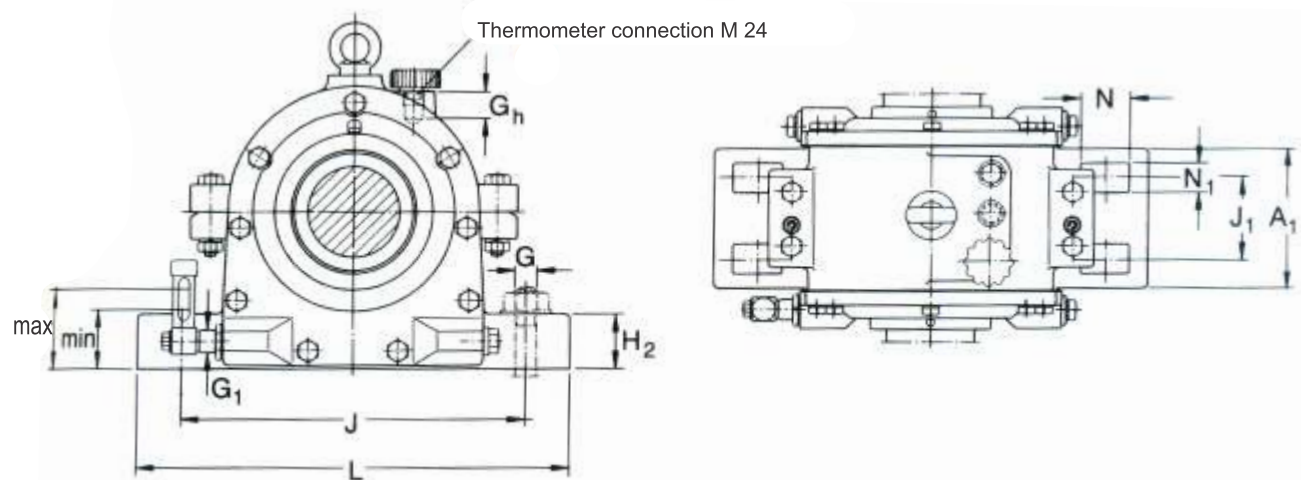


Shaft da mm	Housing Dimension (mm)										Appropriate Bearing	Lock Nut	Locking Washer
	S	d ₁	s ₁	G ₁	G ₂	B _a	B _b	G _a	G _b	s ₂			
110	114.5	120	5	G _{1/2}	G _{1/2}	192	138	M 110 x 2	26	14	22222 E/C3	KM 22	MB 22
	145	130	8	G _{1/2}	G _{3/4}	243	180	M 110 x 2	28	17	22322 E/C3	KM 22	MB 22
120	138	135	8	G _{1/2}	G _{1/2}	225	164	M 120 x 2	28	23	22224 E/C3	KM 24	MB 24
	153	140	8	G _{1/2}	G _{3/4}	254	192	M 120 x 2	28	19	22324 CC/C3 W33	KM 24	MB 24
130	135	145	8	G _{1/2}	G _{1/2}	226	164	M 130 x 2	30	19	22226 E/C3	KM 26	MB 26
	160	150	8	G _{1/2}	G _{3/4}	265	202	M 130 x 2	30	26	22326 CC/C3 W33	KM 26	MB 26
140	140	160	8	G _{1/2}	G _{3/4}	234	170	M 140 x 2	30	19	22228 CC/C3 W33	KM 28	MB 28
	170	165	8	G _{1/2}	G _{3/4}	287	215	M 140 x 2	30	21	22328 CC/C3 W33	KM 28	MB 28
150	140	170	8	G _{1/2}	G _{3/4}	239	173	M 150 x 2	32	16	22230 CC/C3 W33	KM 30	MB 30
	175	175	10	G _{1/2}	G _{3/4}	292	225	M 150 x 2	33	31	22330 CC/C3 W33	KM 30	MB 30
160	158	178	10	G _{1/2}	G _{3/4}	266	193	M 160 x 3	35	20	22232 CC/C3 W33	KM 32	MB 32
	185	190	10	G _{1/2}	G _{3/4}	315	240	M 160 x 3	36	20	22332 CC/C3 W33	KM 32	MB 32
170	175	195	10	G _{1/2}	G _{3/4}	290	213	M 170 x 3	37	28	22234 CC/C3 W33	KM 34	MB 34
	189	197	12	G _{1/2}	G _{3/4}	321	244	M 170 x 3	37	22	22334 CC/C3 W33	KM 34	MB 34
180	180	205	10	G _{1/2}	G _{3/4}	296	218	M 180 x 3	38	32	22236 CC/C3 W33	KM 36	MB 36
	202	210	12	G _{1/2}	G _{3/4}	342	260	M 180 x 3	38	27	22336 CC/C3 W33	KM 36	MB 36
190	185	220	12	G _{1/2}	G _{3/4}	317	226	M 190 x 3	39	18	22238 CC/C3 W33	KM 38	MB 38
200	189	227	12	G _{1/2}	G _{3/4}	315	233	M 200 x 3	40	28	22240 CC/C3 W33	KM 40	MB 40
220	202	255	12	G _{1/2}	G _{3/4}	342	251	Tr 220 x 4	44	27	22244 CC/C3 W33	HM 44 T	MB 44
240	210	270	12	G _{1/2}	G _{3/4}	360	266	Tr 240 x 4	47	25	22248 CC/C3 W33	HM 48 T	MB 48

SOFN plummer block housings for bearings with a cylindrical bore

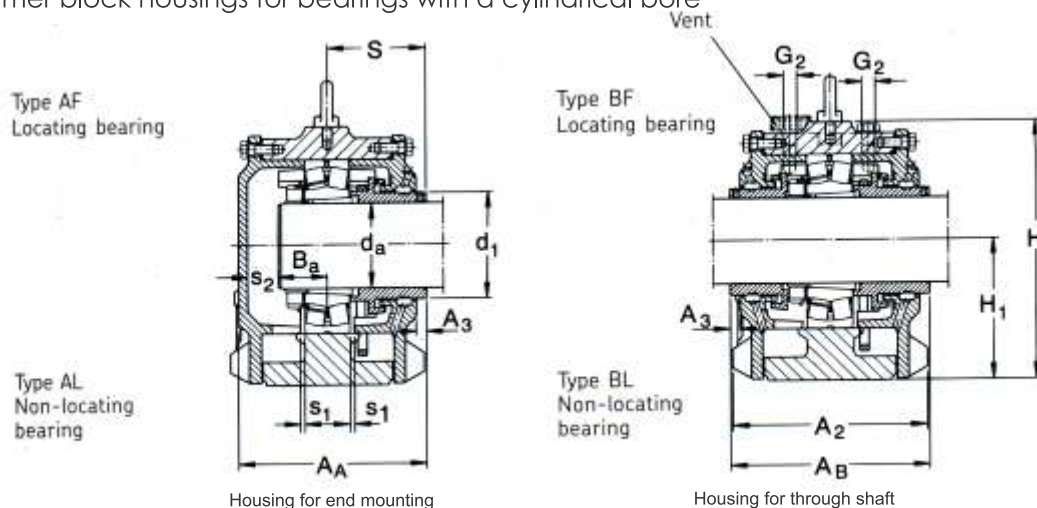


Shaft d_a mm	Housing Dimensions (mm)															Designation Housing
	A_A	A_B	A_1	A_2	A_3	G	G_1	H	H_1	H_2	J	J_1	L	N	N_1	
45	142.5	150	92	145	7.5	16	27	168	95	30	210	50	270	30	19	SOFN 610
50	147.5	155	95	148	7.5	16	27	180	100	30	233	50	290	33	19	SOFN 611
55	142.5	150	92	145	7.5	16	27	168	95	30	210	50	270	30	19	SOFN 512
	162.5	170	100	152	7.5	16	27	198	110	30	230	55	290	34	19	SOFN 612
60	147.5	155	95	148	7.5	16	27	180	100	35	230	50	290	34	19	SOFN 513
	172.5	180	110	182	7.5	20	27	230	125	35	260	60	330	40	24	SOFN 613
60	172.5	180	110	182	7.5	20	27	230	125	35	260	60	330	40	24	SOFN 614
65	172.5	170	100	152	7.5	16	27	198	110	30	230	55	290	34	19	SOFN 515
	180	190	120	190	10	20	27	245	135	40	290	70	360	40	24	SOFN 615
70	172.5	180	110	182	7.5	20	27	230	125	35	260	60	330	40	24	SOFN 516
	199	214	135	210	15	20	27	255	140	40	290	80	360	40	24	SOFN 616
75	172.5	180	110	182	7.5	20	27	230	125	35	260	60	330	40	24	SOFN 517
	196	206	130	205	10	24	27	270	145	50	320	75	400	45	28	SOFN 617
80	180	190	120	190	10	20	27	245	135	45	290	70	360	40	24	SOFN 518
	225	240	165	246	15	24	32	280	155	50	310	95	400	45	28	SOFN 618
85	192	200	135	210	8	20	27	255	140	40	290	80	360	40	24	SOFN 519
	240	224	145	216	13	24	27	290	160	50	347	75	420	45	28	SOFN 619
90	196	206	130	205	10	24	27	270	145	50	320	75	400	45	28	SOFN 520
	255	270	170	245	15	24	27	315	170	55	347	90	420	45	28	SOFN 620

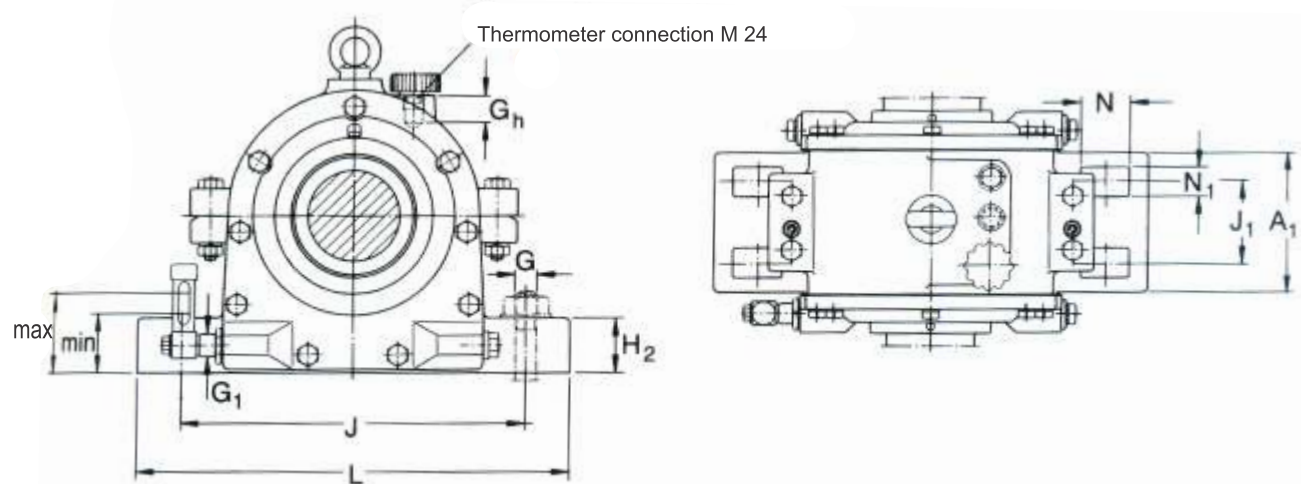


Shaft da mm	Housing Dimension (mm)							Appropriate Bearing	Adapter Sleeve
	S	d ₁	s ₁	G ₁	G ₂	B _a	s ₂		
45	75	58	3	G _{1/4}	G _{3/8}	36	25	22310 CCK	H 2310
50	77.5	65	3	G _{1/4}	G _{3/8}	37	27	22311 EK	H 2311
55	75	70	3	G _{1/4}	G _{3/8}	33.5	27	22212 EK	H 312
	85	70	5	G _{1/4}	G _{3/8}	40	29	22312 EK	H 2312
60	77.5	75	3	G _{1/4}	G _{3/8}	34	30	22213 EK	H 313
	90	75	3	G _{1/4}	G _{3/8}	44	32.5	22313 EK	H 2313
60	90	80	5	G _{1/2}	G _{3/8}	43	31	22314 EK	H 2314
65	85	85	5	G _{1/4}	G _{3/8}	34	45	22215 EK	H 315
	95	85	5	G _{1/2}	G _{3/8}	44	52.5	22315 EK	H 2315
70	90	95	5	G _{1/2}	G _{3/8}	33	42	22216 EK	H 316
	107	95	5	G _{1/2}	G _{3/8}	50	32	22316 EK	H 2316
75	90	96	5	G _{1/2}	G _{3/8}	40	34	22217 EK	H 317
	103	96	5	G _{1/2}	G _{1/2}	50	33	22317 EK	H 2317
80	95	100	5	G _{1/2}	G _{3/8}	42	35	22218 EK	H 318
	120	104	5	G _{1/2}	G _{1/2}	54	41	22318 EK	H 2318
85	100	105	5	G _{1/2}	G _{1/2}	44	38	22219 EK	H 319
	114.5	105	5	G _{1/2}	G _{1/2}	40	75.5	22319 EK	H 2319
90	103	112	5	G _{1/2}	G _{1/2}	46	37	22220 EK	H 320
	135	115	8	G _{1/2}	G _{1/2}	62	48	22320 EK	H 2320

SOFN plummer block housings for bearings with a cylindrical bore



Shaft d_a mm	Housing Dimension (mm)															Designation Housing
	A_A	A_B	A_1	A_2	A_3	G	G_1	H	H_1	H_2	J	J_1	L	N	N_1	
100	216	229	145	216	13	24	27	290	160	50	347	75	420	45	28	SOFN 522
	270	290	190	265	20	30	33	355	190	65	415	100	500	45	35	SOFN 622
110	258	276	170	245	18	24	27	315	170	55	347	90	420	45	28	SOFN 524
	285.5	306	190	265	20.5	30	44	375	200	65	450	115	540	50	35	SOFN 624
115	255	270	180	260	15	24	32	335	180	60	377	100	450	45	28	SOFN 526
	300	320	205	285	20	30	38	405	215	65	470	120	560	50	35	SOFN 626
125	265	280	190	265	15	30	33	355	190	65	415	100	500	45	35	SOFN 528
	320	340	220	300	20	30	42	425	230	80	510	120	630	60	35	SOFN 628
135	265	280	190	265	15	30	44	375	200	65	450	115	540	50	35	SOFN 530
	335	350	240	320	15	30	44	455	245	70	545	150	650	65	35	SOFN 630
140	298	316	205	280	18	30	38	405	215	65	470	120	560	50	35	SOFN 532
	350	370	250	335	20	36	50	480	260	85	590	150	720	70	42	SOFN 632
150	330	350	230	310	20	30	46	440	235	70	515	130	610	55	35	SOFN 534
	358	378	260	350	20	36	44	510	275	85	600	160	730	70	42	SOFN 634
160	340	360	240	320	20	30	44	455	245	75	545	150	650	65	35	SOFN 536
	384.5	404	280	370	19.5	36	48	565	305	95	670	180	820	80	42	SOFN 636
170	350	370	250	335	20	36	50	480	260	85	590	150	720	70	42	SOFN 538
180	358	378	260	350	20	36	44	510	275	85	600	160	730	70	42	SOFN 540
200	384.5	404	280	370	19.5	36	48	565	305	95	670	180	820	80	42	SOFN 544
220	400	420	290	380	20	36	56	625	340	100	740	190	900	80	42	SOFN 548



Shaft da mm	Housing Dimension (mm)							Appropriate Bearing	Adapter Sleeve
	S	d ₁	s ₁	G ₁	G ₂	B _a	s ₂		
100	114.5	120	5	G _{1/2}	G _{1/2}	52	36	22222 EK/C3	H 322
	145	130	8	G _{1/2}	G _{3/4}	66	49	22322 EK/C3	H 2322
110	138	135	8	G _{1/2}	G _{1/2}	56	54	22224 EK/C3	H 3124
	153	140	8	G _{1/2}	G _{3/4}	70	50	22324 CCK/C3 W33	H 2324
115	135	145	8	G _{1/2}	G _{1/2}	58	52	22226 EK/C3	H 3126
	160	150	8	G _{1/2}	G _{3/4}	75	53	22326 CCK/C3 W33	H 2326
125	140	160	8	G _{1/2}	G _{3/4}	63	51	22228 CCK/C3 W33	H 3128
	170	165	8	G _{1/2}	G _{3/4}	80	58	22328 CCK/C3 W33	H 2328
135	140	170	8	G _{1/2}	G _{3/4}	66	49	22230 CCK/C3 W33	H 3130
	175	175	10	G _{1/2}	G _{3/4}	85	63	22330 CCK/C3 W33	H 2330
140	158	178	10	G _{1/2}	G _{3/4}	73	55	22232 CCK/C3 W33	H 3132
	185	190	10	G _{1/2}	G _{3/4}	90	60	22332 CCK/C3 W33	H 2332
150	175	195	10	G _{1/2}	G _{3/4}	77	65	22234 CCK/C3 W33	H 3134
	189	197	12	G _{1/2}	G _{3/4}	94	60	22334 CCK/C3 W33	H 2334
160	180	205	10	G _{1/2}	G _{3/4}	78	70	22236 CCK/C3 W33	H 3136
	202	210	12	G _{1/2}	G _{3/4}	98	69	22336 CCK/C3 W33	H 2336
170	185	220	12	G _{1/2}	G _{3/4}	82	68	22238 CCK/C3 W33	H 3138
180	189	227	12	G _{1/2}	G _{3/4}	86	69	22240 CCK/C3 W33	H 3140
200	202	255	12	G _{1/2}	G _{3/4}	95	72	22244 CCK/C3 W33	OH 3144 H
220	210	270	12	G _{1/2}	G _{3/4}	105	70	22248 CCK/C3 W33	OH 3148 H