



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.

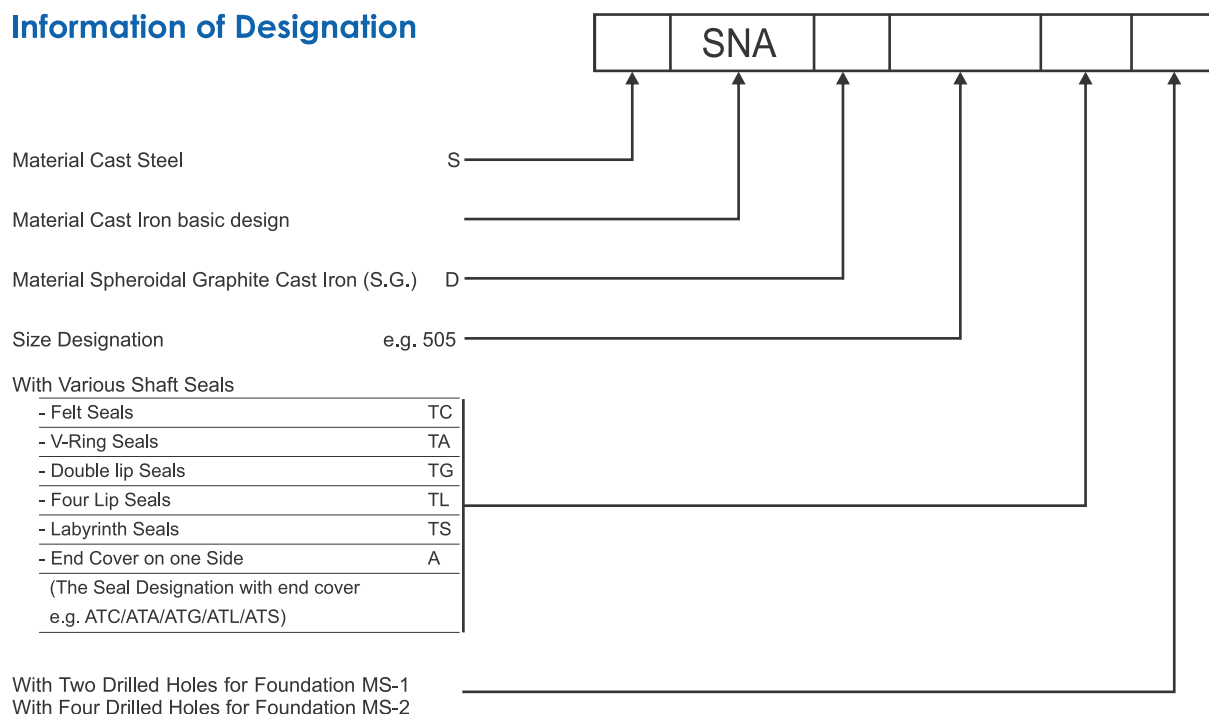


Basic Information for SNA Series

“J&J” SNA Series horizontally split plummer block (bearing housings) are completely interchangeable with earlier SN type plummer block, concerning mainly to its center height, foundation bolt centers. Same bearing housings can be used for 500 and 600 series bearings having equal bearing outside diameter by changing its shaft seals, e.g. SNA 506 plummer block can be used as SNA 605 also where bearing O.D of 1206 K and 1305 K are equal e.g. 52 mm. Similarly same plummer block can be used for bearing with tapered bore mounted with adapter sleeve or bearing with (Straight) cylindrical bore. However such plummer block are designated as SNA 500 and SNA 600 for bearing with adapter sleeves and SNA 200 & SNA 300 for bearings with cylindrical bores. Bearing seating width provides axial freedom which can be made axially located by insertion of suitable locating rings.

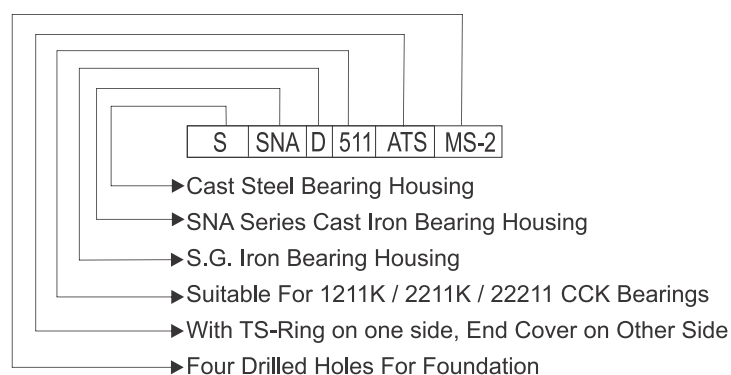
SNA plummer blocks are supplied with felt seals (designated and suffixed as TC) Rubber V Ring seals (TA) and one ring and one end cover (ATA). These plummer blocks can also be supplied with Double lip seals (TG) or labyrinth seals (TS) on order.

Information of Designation

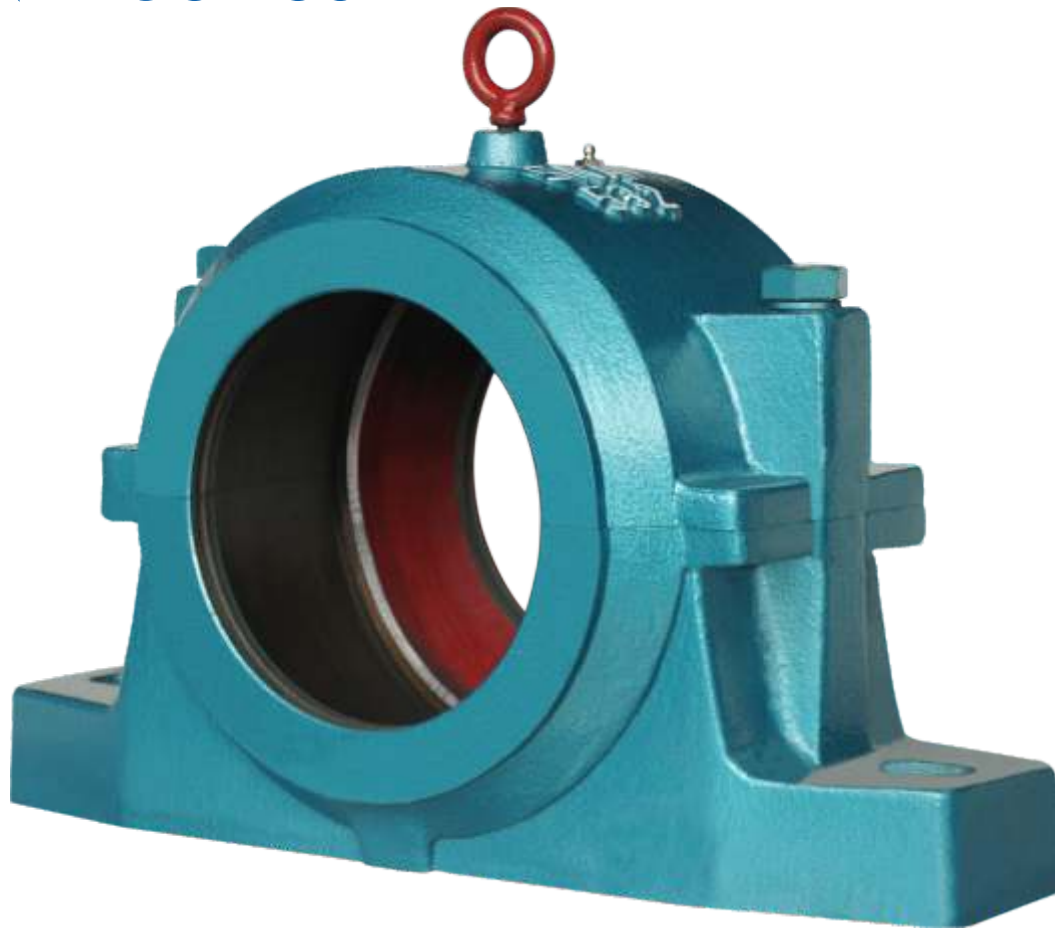


Follow this chart to order :

S SNA D 511 ATS MS-2



SNA-Series



TC



TG



TA



TS



Locating Ring

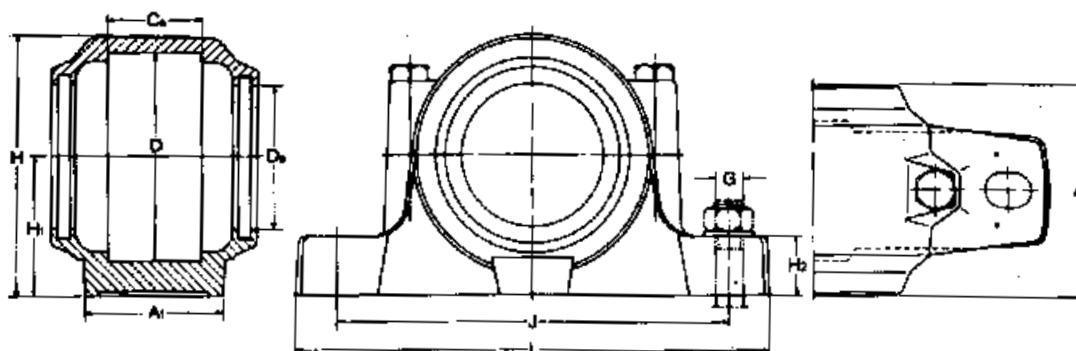


End Cover



Teconite Seal

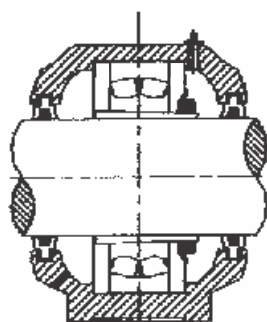
Series SNA 500 for bearings with Adapter Sleeve



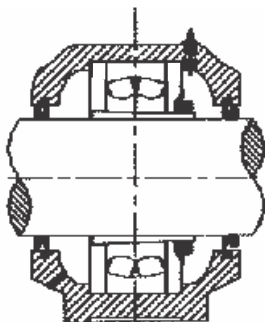
SHAFT DIA d ₁		Housing Dimensions (mm)											Housing Designation	Bearing with Adapter Sleeve Designation	Locating ring (s) (to be ordered separately)	
		A	A ₁	Ca	D	Da	H	H ₁	H ₂	J	L	G			Qty.	Designations
mm	in.															
20	¾	67	46	25	52	31.5	71	40	19	130	165	10	SNA 505	1205 K + H 205 2205 K + H 305	2 1	FRB 5/52 FRB 7/52
25	1	77	52	32	62	36.5	87	50	22	150	185	10	SNA 506	1206 K + H 206 2206 K + H 306	2 2	FRA 8/62 FRB 6/62
30	1 ⅛	82	52	34	72	46.5	92	50	22	150	185	10	SNA 507	1207 K + H 207 2207 K + H 307 22207CK + H 307	2 1 1	FRB 8.5/72 FRB 11/72 FRB 11/72
35	1 ¼	85	60	39	80	51.5	106	60	25	170	205	12	SNA 508	1208 K + H 208 2208 K + H 308 22208CK + H 308	2 2 2	FRB 10.5/80 FRB 8/80 FRB 8/80
40	1 ½	85	60	30	85	56.5	109	60	25	170	205	12	SNA 509	1209 K + H 209 2209 K + H 309 22209CK + H 309	1 1 1	FRB 11/85 FRB 7/85 FRB 7/85
45	1 ¾	90	60	41	90	62	112	60	25	170	205	12	SNA 510	1210 K + H 210 2210 K + H 310 22210CK + H 310	2 2 2	FRB 10.5/90 FRB 9/90 FRB 9/90
50	2	95	70	44	100	67	127	70	28	210	255	16	SNA 511	1211 K + H 211 2211 K + H 311 22211 K + H 311	2 2 2	FRB 11.5/100 FRB 9.5/100 FRB 9.5/100
55	2 ⅛	105	70	48	110	72	133	70	30	210	255	16	SNA 512	1212 K + H 212 2212 K + H 312 22212CK + H 312	2 2 2	FRB 13/110 FRB 10/110 FRB 10/110
60	2 ¼	110	80	51	120	77	148	80	30	230	275	16	SNA 513	1213 K + H 213 2213 K + H 313 22213CK + H 313	2 2 2	FRB 14/120 FRB 10/120 FRB 10/120
60	2 ⅜	115	80	51	125	87	154	80	30	230	280	16	SNA 514	1214 K + H 214 2214 K + H 314 22214CK + H 314	2 2 2	FRB 13.5/125 FRB 10/125 FRB 10/125
65	2 ½	115	80	56	130	87	154	80	30	230	280	16	SNA 515	1215 K + H 215 2215 K + H 315 22215CK + H 315	2 2 2	FRB 15.5/130 FRB 12.5/130 FRB 12.5/130

Eye bolts for easy handling (from size 528 / 228 / 624 / 324).

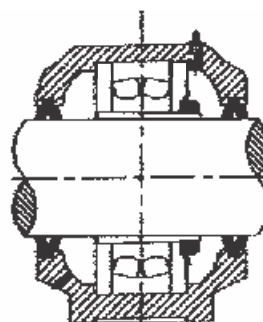
Series SNA 500 for bearings with Adapter Sleeve



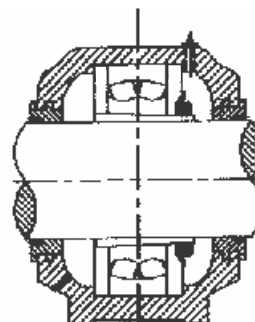
Type -TC
with Felt seal



Type -TA
with V-ring seal &
Washer



Type -TG
Double-Lip seal

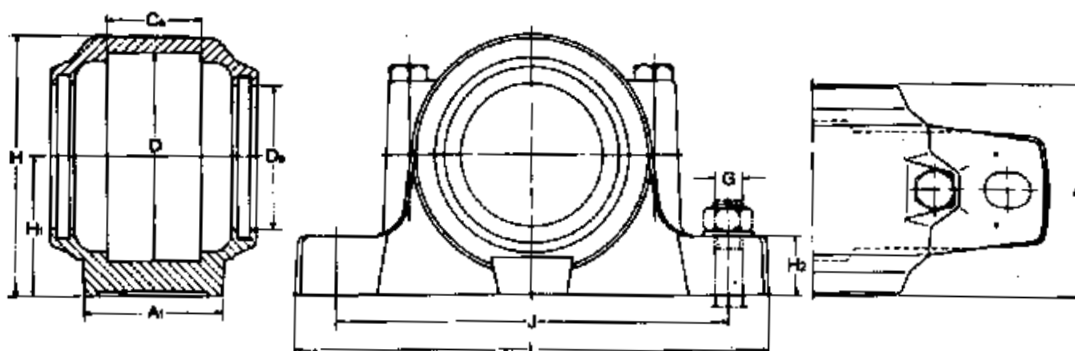


Type -TS
with Labyrinth seal

SHAFT DIA d ₁		Housing Dimensions (mm)											Housing Designation	Bearing with Adapter Sleeve Designation	Locating ring (s) (to be ordered separately)	
		A	A ₁	Ca	D	Da	H	H ₁	H ₂	J	L	G			Qty.	Designations
mm	in.															
70	2¾	120	90	58	140	92.5	175	95	32	260	315	20	SNA 516	1216 K + H 216	2	FRB 16/140
														2216 K + H 316	2	FRB 12.5/140
														22216CK + H 316	2	FRB 12.5/140
75	3	125	90	61	150	97.5	181	95	32	260	320	20	SNA 517	1217 K + H 217	2	FRB 16.5/150
														2217 K + H 317	2	FRB 12.5/150
														22217CK + H 317	2	FRB 12.5/150
80	3⅛	140	100	65	160	102.5	192	100	35	290	345	20	SNA 518	1218 K + H 218	2	FRB 17.5/160
														2218 K + H 318	2	FRB 12.5/160
														22218CK + H 318	2	FRB 12.5/160
85	3¼	145	100	68	170	131	209	112	35	290	345	20	SNA 519	1219 K + H 219	2	FRB 18/170
														2219 K + H 319	2	FRB 12.5/170
														22219CK + H 319	2	FRB 12.5/170
90	3½	160	110	70	180	137.5	215	112	40	320	380	24	SNA 520	1220 K + H 220	2	FRB 18/180
														2220 K + H 320	2	FRB 12/180
														22220CK + H 320	2	FRB 12/180
														23220CK + H 2320	1	FRB 9.7/180
100	4	175	120	80	200	147.5	239	125	45	350	410	24	SNA 522	1222 K + H 222	2	FRB 21/200
														2222 K + H 322	2	FRB 13.5/200
														22222CK + H 322	2	FRB 13.5/200
														23222CK + H 2322	1	FRB 10/200
110	4¼	185	120	86	215	157.5	271	140	45	350	410	24	SNA 524	22224CK + H 3124	2	FRB 14/215
														23224CK + H 2324	1	FRB 10/215
115	4½	190	130	90	230	167.5	290	150	50	380	445	24	SNA 526	22226CK + H 3126	2	FRB 13/230
														23226CK + H 2326	1	FRB 10/230
125	5	205	150	98	250	177.5	302	150	50	420	500	30	SNA 528	22228CK + H 3128	2	FRB 15/250
														23228CK + H 2328	1	FRB 10/250
135	5¼	220	160	106	270	192.5	323	160	60	450	530	30	SNA 530	22230CK + H 3130	2	FRB 16.5/270
														23230CK + H 2330	1	FRB 10/270
140	5½	235	160	114	290	202.5	344	170	60	470	550	30	SNA 532	22232CK + H 3132	2	FRB 17/290
														23232CK + H 2332	1	FRB 10/290

Eye bolts for easy handling (from size 528 / 228 / 624 / 324).

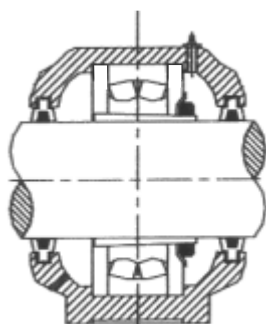
Series SNA 600 for bearings with Adapter Sleeve



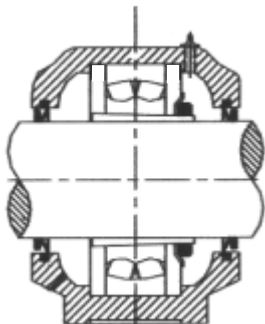
SHAFT DIA d ₁		Housing Dimensions (mm)											Housing Designation	Bearing with Adapter Sleeve Designation	Locating ring (s) (to be ordered separately)	
		A	A ₁	Ca	D	Da	H	H ₁	H ₂	J	L	G			Qty.	Designations
mm	in.															
20	¾	77	52	32	62	36.5	87	50	22	150	185	10	SNA 605	1305 K + H 305 2305 K + H 2305	2 1	FRB 7.5/62 FRB 8/62
25	1	82	52	34	72	46.5	92	50	22	150	185	10	SNA 606	1306 K + H 306 2306 K + H 2306	2 1	FRB 7.5/72 FRB 7/72
30	1 ⅛	85	60	39	80	51.5	106	60	25	170	205	12	SNA 607	1307 K + H 307 2307 K + H 2307	2 1	FRB 9/80 FRB 8/80
35	1 ¼	90	60	41	90	62	112	60	25	170	205	12	SNA 608	1308 K + H 308 2308 K + H 2308 21308 K + H 308 22308CK + H 2308	2 1 2 1	FRB 9/90 FRB 8/90 FRB 9/90 FRB 8/90
40	1 ½	95	70	44	100	67	127	70	28	210	255	16	SNA 609	1309 K + H 309 2309 K + H 2309 21309 K + H 309 22309CK + H 2309	2 1 2 1	FRB 9.5/100 FRB 8/100 FRB 9.5/100 FRB 8/100
45	1 ¾	105	70	48	110	72	133	70	30	210	255	16	SNA 610	1310 K + H 310 2310 K + H 2310 21310 K + H 310 22310CK + H 2310	2 1 2 1	FRB 10.5/110 FRB 8/110 FRB 10.5/110 FRB 8/110
50	2	110	80	51	120	77	148	80	30	230	275	16	SNA 611	1311 K + H 311 2311 K + H 2311 21311 K + H 311 22311 K + H 2311	2 1 2 1	FRB 11/120 FRB 8/120 FRB 11/120 FRB 8/120
55	2 ⅛	115	80	56	130	87	154	80	30	230	280	16	SNA 612	1312 K + H 312 2312 K + H 2312 21312 K + H 312 22312CK + H 2312	2 1 2 1	FRB 12.5/130 FRB 10/130 FRB 12.5/130 FRB 10/130
60	2 ¼	120	90	58	140	92.5	175	95	32	260	315	20	SNA 613	1313 K + H 313 2313 K + H 2313 21313 K + H 313 22313 K + H 2313	2 1 2 1	FRB 12.5/140 FRB 10/140 FRB 12.5/140 FRB 10/140
60	2 ⅝	125	90	61	150	97.5	183	95	32	260	320	20	SNA 614	1314 K + H 314 2314 K + H 2314 21314 K + H 314 22314 K + H 2314	2 1 2 1	FRB 13/150 FRB 10/150 FRB 13/150 FRB 10/150

Eye bolts for easy handling (from size 528 / 228 / 624 / 324).

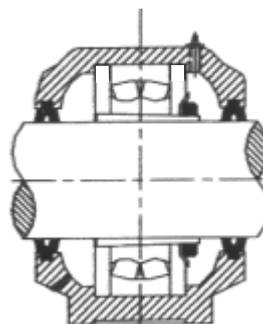
Series SNA 600 for bearings with Adapter Sleeve



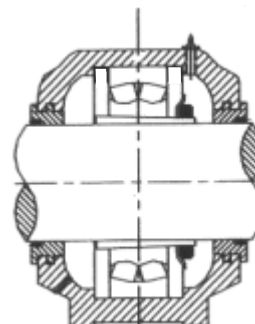
Type -TC
with Felt seal



Type -TA
with V-ring seal &
Washer



Type -TG
Double-Lip seal

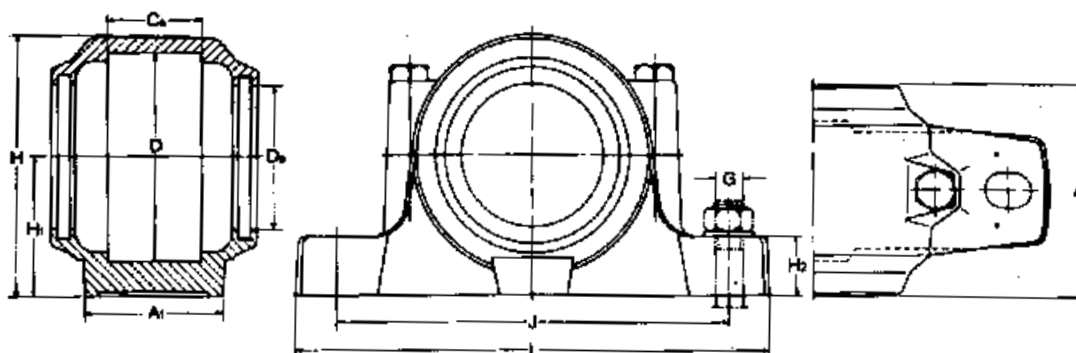


Type -TS
with Labyrinth seal

SHAFT DIA d ₁		Housing Dimensions (mm)											Housing Designation	Bearing with Adapter Sleeve Designation	Locating ring (s) (to be ordered separately)	
		A	A ₁	Ca	D	Da	H	H ₁	H ₂	J	L	G			Qty.	Designations
mm	in.															
65	2½	140	100	65	160	102.5	192	100	35	290	345	20	SNA 615	1315 K + H 315 2315 K + H 2315 21315 K + H 315 22315CK + H 2315	2 1 2 1	FRB 14/160 FRB 10/160 FRB 14/160 FRB 10/160
70	2¾	145	100	68	170	131	209	112	35	290	345	20	SNA 616	1316 K + H 316 2316 K + H 2316 21316 K + H 316 22316CK + H 2316	2 1 2 1	FRB 14.5/170 FRB 10/170 FRB 14.5/170 FRB 10/170
75	3	160	110	70	180	137.5	215	112	40	320	380	24	SNA 617	1317 K + H 317 2317 K + H 2317 21317 K + H 317 22317CK + H 2317	2 1 2 1	FRB 14.5/180 FRB 10/180 FRB 14.5/180 FRB 10/180
80	3⅙	155	110	74	190	137.5	220	112	40	320	380	24	SNA 618	1318 K + H 318 2318 K + H 2318 21318 K + H 318 22318CK + H 2318	2 1 2 1	FRB 15.5/190 FRB 10/190 FRB 15.5/190 FRB 10/190
85	3¼	175	120	80	200	147.5	239	125	45	350	410	24	SNA 619	1319 K + H 319 2319 K + H 2319 21319 K + H 319 22319CK + H 2319	2 1 2 1	FRB 17.5/200 FRB 13/200 FRB 17.5/200 FRB 13/200
90	3½	185	120	86	215	157.5	271	140	45	350	410	24	SNA 620	1320 K + H 320 2320 K + H 2320 21320 K + H 320 22320CK + H 2320	2 1 2 1	FRB 19.5/215 FRB 13/215 FRB 19.5/215 FRB 13/215
100	4	185	130	100	240	167.5	298	150	50	390	450	24	SNA 622	21322 K + H 322 22322CK + H 2322	2 2	FRB 25/240 FRB 10/240
110	4¼	190	160	106	260	192.5	321	160	60	450	530	30	SNA 624	22324CK + H 2324	2	FRB 10/260
115	4½	205	160	113	280	202.5	344	170	60	470	550	30	SNA 626	22326CK + H 2326	2	FRB 10/280
125	5	215	170	122	300	212.5	366	180	65	520	620	30	SNA 628	22328CK + H 2328	2	FRB 10/300
135	5¼	225	180	128	320	222.5	386	190	65	560	650	30	SNA 630	22330CK + H 2330	2	FRB 10/320
140	5½	235	190	134	340	232.5	406	200	70	580	680	36	SNA 632	22332CK + H 2332	2	FRB 10/340

Eye bolts for easy handling (from size 528 / 228 / 624 / 324).

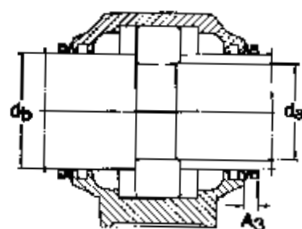
Series SNA 200 for bearings with Cylindricalbore



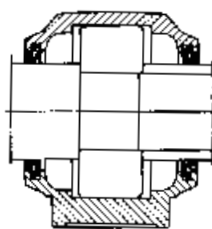
SHAFT DIA		Housing Dimensions (mm)														Housing Designations	Bearing Designation	Locating ring (s) (to be ordered separately) Designations	Qty.	Housing without Seals Designations
d _a	d _b	A	A ₁	A ₃	C _a	D	D _a	H	H ₁	H ₂	J	L	N ₁	N	G					
mm	mm																			
25	30	67	46	6	25	52	36.5	71	40	19	130	165	15	20	12	SNA 205	1205 2205 22205 CC	FRB 5/52 FRB 7/52 FRB 7/52	2 1 1	SNA 205
30	35	77	52	6	32	62	46.5	87	50	22	150	185	15	20	12	SNA 206	1206 2206 22206 CC	FRB 8/62 FRB 6/62 FRB 6/62	2 2 2	SNA 206- 305
35	45	82	52	7	34	72	56.5	92	50	22	150	185	15	20	12	SNA 207	1207 2207 22207 CC	FRB 8.5/72 FRB 5.5/72 FRB 5.5/72	2 2 2	SNA 207
40	50	85	60	7	39	80	62	106	60	25	170	205	15	20	12	SNA 208	1208 2208 22208 CC	FRB 10.5/80 FRB 8/80 FRB 8/80	2 2 2	SNA 208- 307
45	55	85	60	6	30	85	67	109	60	25	170	205	15	20	12	SNA 209	1209 2209 22209 CC	FRB 5.5/85 FRB 7/85 FRB 7/85	2 1 1	SNA 209
50	60	90	60	6	41	90	72	112	60	25	170	205	15	20	12	SNA 210	1210 2210 22210 CC	FRB 10.5/90 FRB 9/90 FRB 9/90	2 2 2	SNA 210
55	65	95	70	6	44	100	77	127	70	28	210	255	18	24	16	SNA 211	1211 2211 22211 CC	FRB 11.5/100 FRB 9.5/100 FRB 9.5/100	2 2 2	SNA 211
60	70	105	70	6	48	110	87	133	70	30	210	255	18	24	16	SNA 212	1212 2212 22212 CC	FRB 13/110 FRB 10/110 FRB 10/110	2 2 2	SNA 212
65	75	110	80	9	51	120	92.5	148	80	30	230	275	18	24	16	SNA 213	1213 2213 22213 CC	FRB 14/120 FRB 10/120 FRB 10/120	2 2 2	SNA 213
70	80	115	80	9	51	125	97.5	154	80	30	230	280	18	24	16	SNA 214	1214 2214 22214 CC	FRB 13/125 FRB 10/125 FRB 10/125	2 2 2	SNA 214
75	85	115	80	9	56	130	102.5	154	80	30	230	280	18	24	16	SNA215	1215 2215 22215 CC	FRB 15.5/130 FRB 12.5/130 FRB 12.5/130	2 2 2	SNA 215

Eye bolts for easy handling (from size 528 / 228 / 624 / 324).

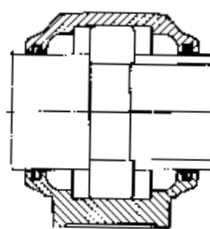
Series SNA 200 for bearings with Cylindricalbore



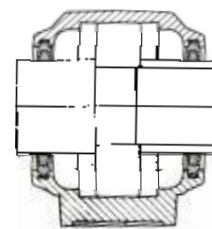
Type - TA
with 2V-rings
(Series SNA 2 for $d_a < 90\text{mm}$)



Type - TA
with 2V-ringd + washers
(Series SNA for $d_a > 90\text{mm}$
and series SNA 3)



Type - TC
with 2 felt seals
(Series SNA 2 for $d_a 90\text{mm}$)

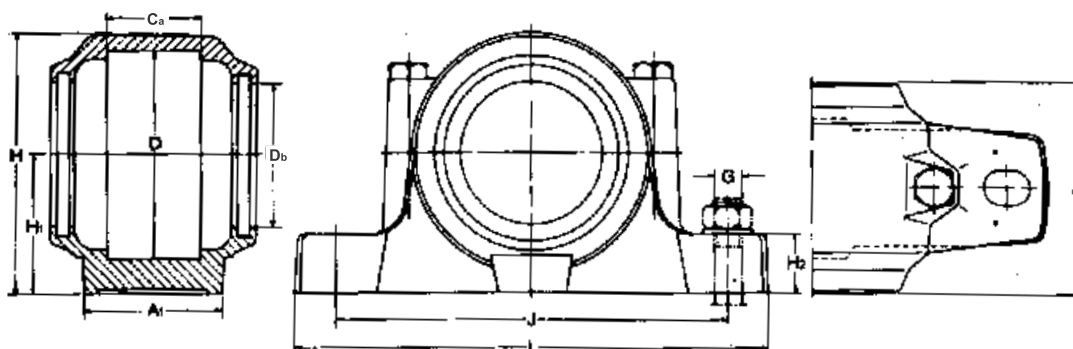


Type - TC
TC rings with felt seals
(Series SNA for $d_a > 90\text{mm}$
and series SNA 3)

SHAFT DIA		Housing Dimensions (mm)														Housing Designations	Bearing Designation	Locating ring (s) (to be ordered separately) Designations	Qty.	Housing without Seals Designations
d_b mm	d_a mm	A	A ₁	A ₃	C _a	D	D _a	H	H ₁	H ₂	J	L	N ₁	N	G					
80	90	120	90	9	58	140	108	175	95	32	260	315	22	28	20	SNA 216	1216 2216 22216CC	FRB 16/140 FRB 12.5/140 FRB 12.5/140	2 2 2	SNA 216
85	95	125	90	9	61	150	112	183	95	32	260	320	22	28	20	SNA 217	1217 2217 22217CC	FRB 16.5/150 FRB 12.5/150 FRB 12.5/150	2 2 2	SNA 217
90	100	140	100	9	65	160	120	193	100	35	290	345	22	28	20	SNA 218	1218 2218 22218 CC 23218CC	FRB 17.5/160 FRB 12.5/160 FRB 12.5/160 FRB 12.5/160	2 2 2 1	SNA 218
95	110	145	100	9	68	170	131	210	112	35	290	345	22	28	20	SNA 219	1219 2219 22219 CC	FRB 18/170 FRB 12.5/170 FRB 12.5/170	2 2 2	SNA 519- 616
100	115	160	110	9	70	180	137.5	215	112	40	320	380	26	32	24	SNA 220	1220 2220 22220 CC 23220 CC	FRB 18/180 FRB 12/180 FRB 12/180 FRB 9.7/180	2 2 2 1	SNA 520- 617
110	125	175	120	8	80	200	147.5	239	125	45	350	410	26	32	24	SNA 222	1222 2222 22222 CC 23222 CC	FRB 21/200 FRB 13.5/200 FRB 13.5/200 FRB 10.2/200	2 2 2 1	SNA 522- 619
120	135	185	120	7	86	215	157.5	271	140	45	350	410	26	32	24	SNA 224	22224 CC 23224 CC	FRB 14/215 FRB 10/215	2 1	SNA 524- 620
130	145	190	130	9	90	230	167.5	290	150	50	380	445	26	32	24	SNA 226	22226 CC 23226 CC	FRB 13/230 FRB 10/230	2 1	SNA 526
140	155	205	150	9	98	250	177.5	302	150	50	420	500	35	42	30	SNA 228	22228 CC 23228 CC	FRB 15/250 FRB 10/250	2 1	SNA 528
150	165	220	160	10.5	106	270	192.5	323	160	60	450	530	35	42	30	SNA 230	22230 CC 23230 CC	FRB 16.5/270 FRB 10/270	2 1	SNA 530
160	175	235	160	9.5	114	290	202.5	344	170	60	470	550	35	42	30	SNA 232	22232 CC 23232 CC	FRB 17/290 FRB 10/290	2 1	SNA 532

Eye bolts for easy handling (from size 528 / 228 / 624 / 324).

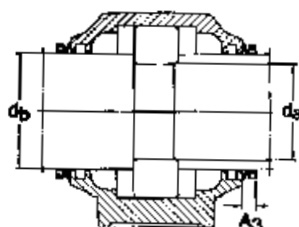
Series SNA 300 for bearings with Cylindricalbore



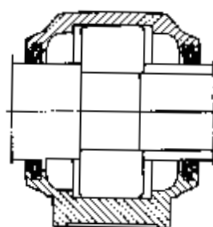
SHAFT DIA		Housing Dimensions (mm)														Housing Designations	Bearing Designation	Locating ring (s) (to be ordered separately) Designations	Qty.	Housing without Seals Designations
d _a	d _b	A	A ₁	A ₃	C _a	D	D _b	H	H ₁	H ₂	J	L	N ₁	N	G					
mm	mm																			
25	30	77	52	6	32	62	36.5	89	50	22	150	185	15	20	12	SNA 305	1305 2305 21305	FRB 7.5/62 FRB 8/62 FRB 7.5/62	2 1 2	SNA 506-605
30	35	82	52	6	34	72	46.5	93	50	22	150	185	15	20	12	SNA 306	1306 2306 21306 CC 22306 CC	FRB 7.5/72 FRB 7/72 FRB 7.5/72 FRB 7/72	2 1 2 1	SNA 507-606
35	45	85	60	7	39	80	51.5	107	60	25	170	205	15	20	12	SNA 307	1307 2307 21307 CC 22307 CC	FRB 9/80 FRB 8/80 FRB 9/80 FRB 8/80	2 1 2 1	SNA 508-607
40	50	90	60	6	41	90	62	113	60	25	170	205	15	20	12	SNA 308	1308 2308 21308 CC 22308 CC	FRB 9/90 FRB 8/90 FRB 9/90 FRB 8/90	2 1 2 1	SNA 510-608
45	55	95	70	6	44	100	67	127	70	28	210	255	18	24	16	SNA 309	1309 2309 21309 CC 22309 CC	FRB 9.5/100 FRB 8/100 FRB 9.5/100 FRB 8/100	2 1 2 1	SNA 511-609
50	60	105	70	6	48	110	72	133	70	30	210	255	18	24	16	SNA 310	1310 2310 21310 CC 22310 CC	FRB 10.5/110 FRB 8/110 FRB 10.5/110 FRB 8/110	2 1 2 1	SNA 512-610
55	65	110	80	6	51	120	77	148	80	30	230	275	18	24	16	SNA 311	1311 2311 21311 CC 22311 CC	FRB 11/120 FRB 8/120 FRB 11/120 FRB 8/120	2 1 2 1	SNA 513-611
60	70	115	80	6	56	130	87	154	80	30	230	280	18	24	16	SNA 312	1312 2312 21312 CC 22312 CC	FRB 12.5/130 FRB 10/130 FRB 12.5/130 FRB 10/130	2 1 2 1	SNA 515-612
65	75	120	90	9	58	140	92.5	175	95	32	260	315	22	28	20	SNA 313	1313 2313 21313 CC 22313 CC	FRB 12.5/140 FRB 10/140 FRB 12.5/140 FRB 10/140	2 1 2 1	SNA 516-613
70	80	125	90	9	61	150	97.5	183	95	32	260	320	22	28	20	SNA 314	1314 2314 21314 CC 22314 CC	FRB 13/150 FRB 10/150 FRB 13/150 FRB 10/150	2 1 2 1	SNA 517-614

Eye bolts for easy handling (from size 528 / 228 / 624 / 324).

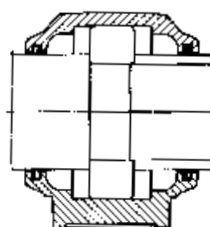
Series SNA 300 for bearings with Cylindricalbore



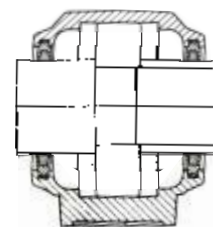
Type - TA
with 2V-rings
(Series SNA 2 for $d_a < 90\text{mm}$)



Type - TA
with 2V-ringd + washers
(Series SNA for $d_a > 90\text{mm}$
and series SNA 3)



Type - TC
with 2 felt seals
(Series SNA 2 for $d_a 90\text{mm}$)



Type - TC
TC rings with felt seals
(Series SNA for $d_a > 90\text{mm}$
and series SNA 3)

SHAFT DIA		Housing Dimensions (mm)														Housing Designations	Bearing Designation	Locating ring (s) (to be ordered separately) Designations	Qty.	Housing without Seals Designations
d_a	d_b	A	A_1	A_3	C_a	D	D_b	H	H_1	H_2	J	L	N_1	N	G					
mm	mm																			
75	85	140	100	9	65	160	102.5	193	100	35	290	345	22	28	20	SNA 315	1315 2315 21315 CC 22315 CC	FRB 14/160 FRB 10/160 FRB 14/160 FRB 10/160	2 1 2 1	SNA 518- 615
80	90	145	100	9	68	170	131	210	112	35	290	345	22	28	20	SNA 316	1316 2316 21316 CC 22316 CC	FRB 14.5/170 FRB 10/170 FRB 14.5/170 FRB 10/170	2 1 2 1	SNA 519- 616
85	95	160	110	9	70	180	137.5	215	112	40	320	380	26	32	24	SNA 317	1317 2317 21317 CC 22317 CC	FRB 14.5/180 FRB 10/180 FRB 14.5/180 FRB 10/180	2 1 2 1	SNA 520- 617
90	105	155	110	8	74	190	137.5	229	112	40	320	380	26	32	24	SNA 318	1318 2318 21318 CC 22318 CC	FRB 15.5/190 FRB 10/190 FRB 15.5/190 FRB 10/190	2 1 2 1	SNA 618
95	110	175	120	8	80	200	147.5	239	125	45	350	410	26	32	24	SNA 319	1319 2319 21319 CC 22319 CC	FRB 17.5/200 FRB 13/200 FRB 17.5/200 FRB 13/200	2 1 2 1	SNA 522- 619
100	115	185	120	7	86	215	157.5	271	140	45	350	410	26	32	24	SNA 320	1320 2320 21320 CC 22320 CC	FRB 19.5/215 FRB 13/215 FRB 19.5/215 FRB 13/215	2 1 2 1	SNA 524- 620
110	125	185	130		100	240	167.5	298	150	50	390	450	26	32	24	SNA 322	21322 CC 22322 CC	FRB 25/240 FRB 10/240	2 2	SNA 622
120	135	190	160		106	260	192.5	321	160	60	450	530	35	42	30	SNA 324	22324 CC	FRB 10/260	2	SNA 624
130	150	205	160		113	280	202.5	344	170	60	470	550	35	42	30	SNA 326	22326 CC	FRB 10/280	2	SNA 626
140	160	215	170		122	300	212.5	366	180	65	520	620	35	42	30	SNA 328	22328 CC	FRB 10/300	2	SNA 628
150	170	225	180		128	320	222.5	386	190	65	560	650	35	42	30	SNA 330	22330 CC	FRB 10/320	2	SNA 630
160	180	235	190		134	340	232.5	406	200	70	580	680	42	50	36	SNA 332	22332 CC	FRB 10/340	2	SNA 632

Eye bolts for easy handling (from size 528 / 228 / 624 / 324).