



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.

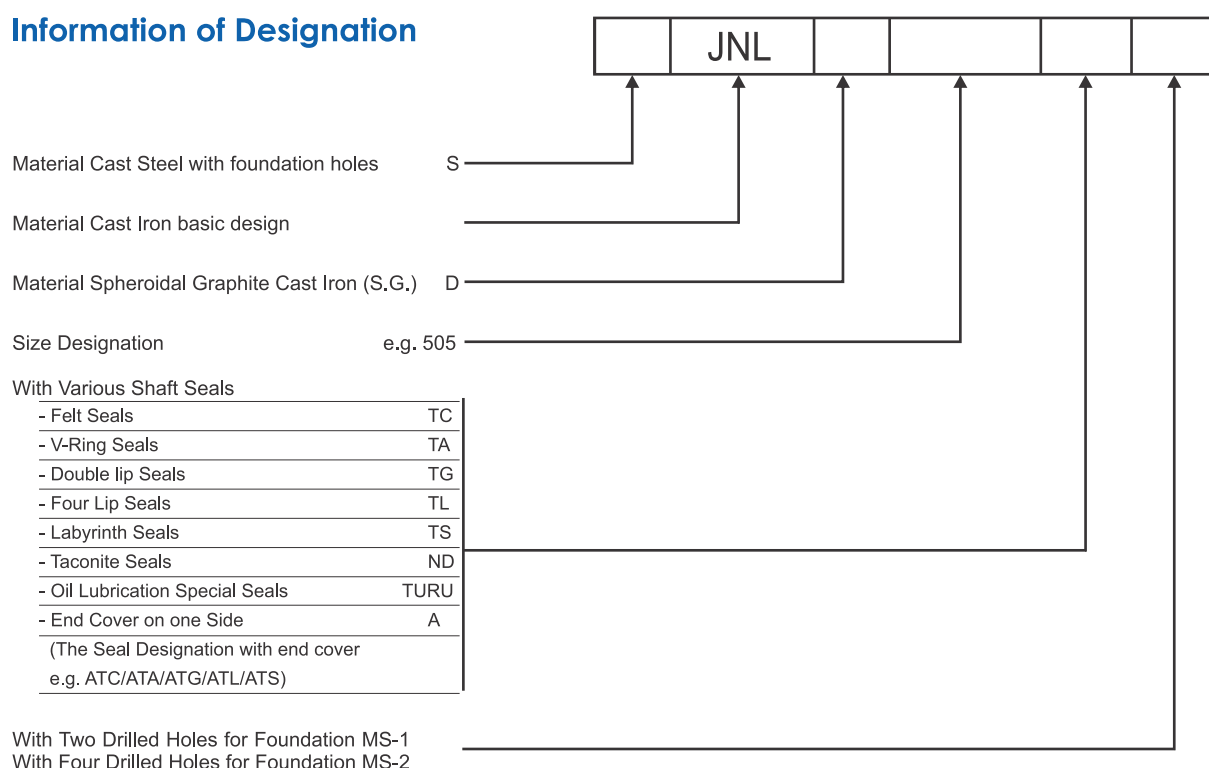
J&J Engineering is recognized as the new benchmark for modern bearing housings technology, superior quality and personalized service that has ensured our product and nationwide acclaim in the industry.



Basic Information for JNL Series

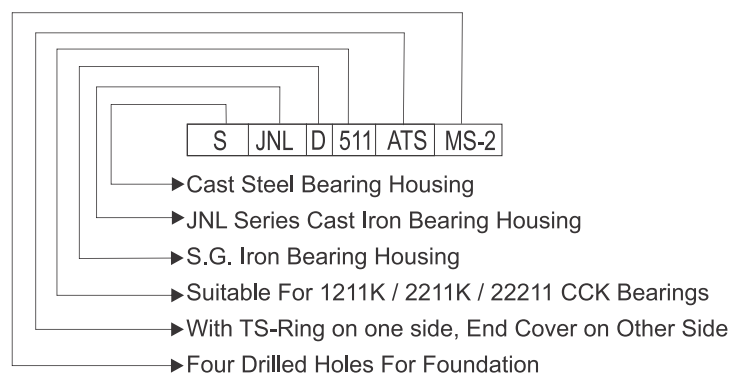
JNL Plummer block housing are suitable for self aligning ball bearings, Spherical roller bearings and CARB bearings for Shaft dia 20 to 160 mm. These housing are split type with 2 elliptical holes in housing base and suitable for grease or oil lubrication variety of seals such as felt seals (TC Type), Labyrinth Seals (TS Type), Double lip Seals (TG Type) or Taconite Seals (ND Type) can be used. For oil lubrication Special type of seal (TURU type) can be used. Principle dimensions are identical to SNA/SNH type housing and are interchangeable. JNL housing are available with 4 elliptical slots in the base designated as FJNL or 2 drilled holes in the base with suffix MS1 or 4 drilled holes in the base with suffix MS2. These housings can be used for located bearing by inserting Locating ring on either side of bearing.

Information of Designation



Follow this chart to order :

S JNL D 511 ATS MS-2



JNL-Series



TC



TG



TA



TS



Locating Ring

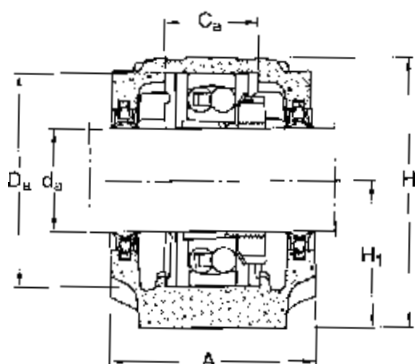


End Cover

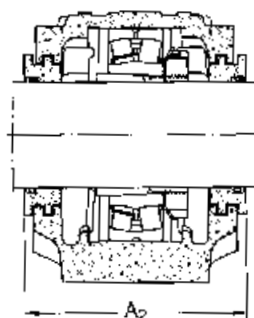


Teconite Seal

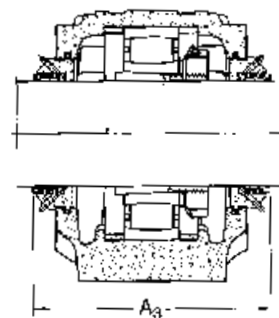
Series JNL 500 for bearings with Adapter Sleeve



Double-lip seals
TG design



Labyrinth seals
TS design

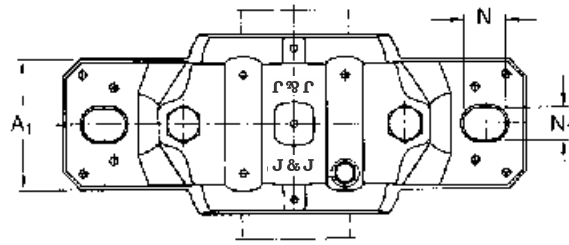
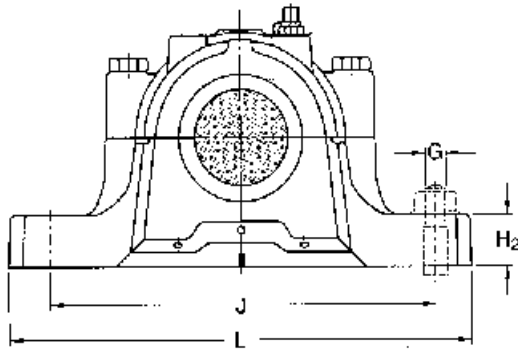


Taconite seats
TND design

SHAFT DIA	Housing Dimensions (mm)										Designations Housing Complete with two seal	Bearing Seating		Width Across Seal		Appropriate bearings and associated self-aligning ball bearing spherical roller bearing	Components Adopter sleeve	Locating rings 2 per housing
da mm	A	A ₁	H	H ₁	H ₂	J	L	N	N1	G		Ca	Da	A2	A3			
20	67	46	74	40	19	130	165	20	15	12	JNL 505	25	52	80	125	1205EK 2205 EK / 22205 CCK / W33	H 205 H 305	FRB 5/52 FRB 3.5/52
25	77	52	89	50	22	150	185	20	15	12	JNL 506	32	62	89	135	1206 EK 2206 EK / 22206 EK	H 206 H 306	FRB 8/62 FRB 6/62
30	82	52	93	50	22	150	185	20	15	12	JNL 507	34	72	94	145	1207 EK 2207 EK / 22207 CCK / W33	H 207 H 307	FRB 8.5/72 FRB 5.5/72
35	85	60	108	60	25	170	205	20	15	12	JNL 508	39	80	97	150	1208 EK 2208 EK / 22208 EK	H 208 H 308	FRB 10.5/80 FRB 8/80
40	85	60	109	60	25	170	205	20	15	12	JNL 509	30	85	97	150	1209 EK 2209 EK / 22209 CCK/W33	H 209 H 309	FRB 5.5/85 FRB 3.5/85
45	90	60	113	60	25	170	205	20	15	12	JNL 510	41	90	102	155	1210 EK 2210 EK / 22210 CCK/W33	H 210 H 310	FRB 10.5/90 FRB 9/90
50	95	70	128	70	28	210	255	24	18	16	JNL 511	44	100	107	165	1211 EK 2211 EK / 22211 K	H 211 H 311	FRB 11.5/100 FRB 9.5/100
55	105	70	134	70	30	210	255	24	18	16	JNL 512	48	110	117	175	1212 EK 2212 EK / 22212 EK	H 212 H 312	FRB 13/110 FRB 10/110
60	110	80	149	80	30	230	275	24	18	16	JNL 513	51	120	122	180	1213 EK 2213 EK / 22213 CCK/W33	H 213 H 313	FRB 14/120 FRB 10/120
60	115	80	155	80	30	230	280	24	18	16	JNL 514	51	125	127	175	1214 K 2214 K / 22214 CK	H 214 H 314	FRB 13/125 FRB 10/125
65	115	80	155	80	30	230	280	24	18	16	JNL 515	56	130	127	175	1215 K 2215 EK / 22215 EK	H 215 H 315	FRB 15.5/130 FRB 12.5/130
70	120	90	177	95	32	260	315	28	22	20	JNL 516	58	140	138	205	1216 K 2216 EK / 22216 EK	H 216 H 316	FRB 16/140 FRB 12.5/140

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

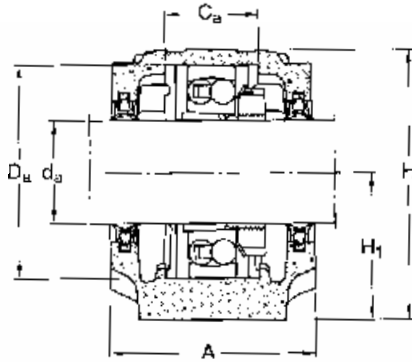
Series JNL 500 for bearings with Adapter Sleeve



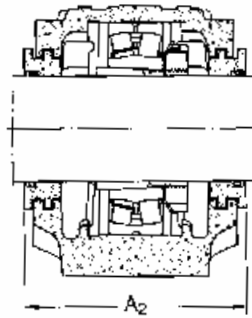
SHAFT DIA da mm	Housing Dimensions (mm)										Designations Housing Complete with two seal	Bearing Seating		Width Across Seal		Appropriate bearings and associated self-aligning ball bearing spherical roller bearing	Components Adopter sleeve	Locating rings 2 per housing
	A	A ₁	H	H ₁	H ₂	J	L	N	N ₁	G		Ca	Da	A2	A3			
75	125	90	183	95	32	260	320	28	22	20	JNL 517	61	150	143	210	1217 K 2217 K / 22217 EK	H 217 H 317	FRB 16.5/150 FRB 12.5/150
80	140	100	194	100	35	290	345	28	22	20	JNL 518	65	160	158	225	1218 K 2218 K / 22218 EK 23218 CCK/W33	H 218 H 318 H 2318	FRB 17.5/160 FRB 12.5/160 FRB 6.25/160
85	145	100	212	112	35	290	345	28	22	20	JNL 519	68	170	163	220	1219 K 2219 K / 22219 EK	H 219 H 319	FRB 18/170 FRB 12.5/170
90	160	110	218	112	40	320	380	32	26	24	JNL 520	70	180	178	230	1220 K 2220 K / 22220 EK 23220 CCK/W33	H 220 H 320 H 2320	FRB 18/180 FRB 12/180 FRB 4.85/180
100	175	120	242	125	45	350	410	32	26	24	JNL 522	80	200	191	250	1222 K 2222 K / 22222 EK 23222 CCK/W33	H 222 H 322 H 2322	FRB 21/200 FRB 13.5/200 FRB 5.1/200
110	185	120	271	140	45	350	410	32	26	24	JNL 524	86	215	199	260	1224 K 22224 EK 23224 CCK/W33	H 3024 H 3124 H 2324	FRB 22/215 FRB 14/215 FRB 5/215
115	190	130	290	150	50	380	445	35	28	24	JNL 526	90	230	208	265	22226 EK 23226 CCK/W33	H 3126 H 2326	FRB 13/230 FRB 5/230
125	205	150	302	150	50	420	500	42	35	30	JNL 528	98	250	223	285	22228 CCK/W33 23228 CCK/W33	H 3128 H 2328	FRB 15/250 FRB 5/250
135	220	160	323	160	60	450	530	42	35	30	JNL 530	106	270	241	295	22230 CCK/W33 23230 CCK/W33	H 3130 H 2330	FRB 16.5/270 FRB 5/270
140	235	160	344	170	60	470	550	42	35	30	JNL 532	114	290	254	315	22232 CCK/W33 23232 CCK/W33	H 3132 H 2332	FRB 17/290 FRB 5/290

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

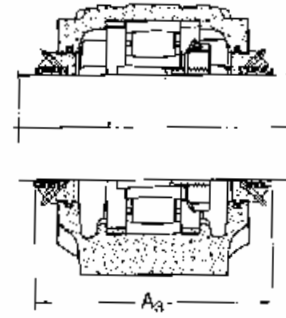
Series JNL 600 for bearings with Adapter Sleeves



Double-lip seals
TG design



Labyrinth seals
TS design

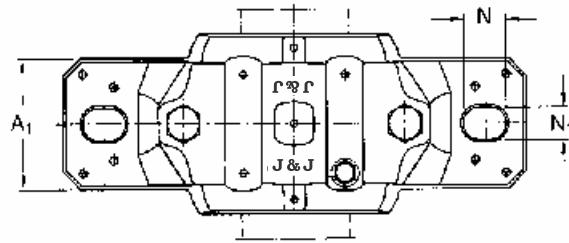
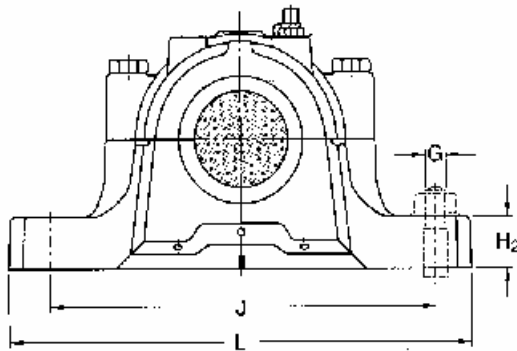


Taconite seats
TND design

SHAFT DJA da mm	Housing Dimensions (mm)										Designations Housing Complete with two seal	Bearing Seating		Width Across Seal		Appropriate bearings and associated self-aligning ball bearing spherical roller bearing	Components Adopter sleeve	Locating rings 2 per housing
	A	A ₁	H	H ₁	H ₂	J	L	N	N1	G		Ca	Da	A2	A3			
20	77	52	89	50	22	150	185	20	15	12	JNL 605	32	62	89	135	1305 EK 2305 EK	H 305 H 2305	FRB 7.5/62 FRB 4/62
25	82	52	93	50	22	150	185	20	15	12	JNL 606	34	72	94	140	1306 EK 2306 K	H 306 H 2306	FRB 7.5/72 FRB 3.5/72
30	85	60	108	60	25	170	205	20	15	12	JNL 607	39	80	97	145	1307 EK 2307 EK	H 307 H 2307	FRB 9/80 FRB 4/80
35	90	60	113	60	25	170	205	20	15	12	JNL 608	41	90	102	150	1308 EK / 21308 CCK 2308 EK / 22308 CCK/W33	H 308 H 2308	FRB 9/90 FRB 4/90
40	95	70	128	70	28	210	255	24	18	16	JNL 609	44	100	107	155	1309 EK / 21309 EK 2309 EK / 22309 CCK/W33	H 309 H 2309	FRB 9.5/100 FRB 4/100
45	105	70	134	70	30	210	255	24	18	16	JNL 610	48	110	117	165	1310 EK / 21310 EK 2310 K / 22310 CCK/W33	H 310 H 2310	FRB 10.5/110 FRB 4/110
50	110	80	150	80	30	230	275	24	18	16	JNL 611	51	120	122	170	1311 EK / 21311 EK 2311 K / 22311 EK	H 311 H 2311	FRB 11/120 FRB 4/120
55	115	80	156	80	30	230	280	24	18	16	JNL 612	56	130	127	175	1312 EK / 21312 EK 2312 K / 22312 EK	H 312 H 2312	FRB 12.5/130 FRB 5/130
60	120	90	177	95	32	260	315	28	22	20	JNL 613	58	140	138	180	1313 EK / 21313 EK 2313 K / 22313 EK	H 313 H 2313	FRB 12.5/140 FRB 5/140
60	125	90	183	95	32	260	320	28	22	20	JNL 614	61	150	143	210	1314 K / 21314 K 2314 K / 22314 K	H 314 H 2314	FRB 13/150 FRB 5/150

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

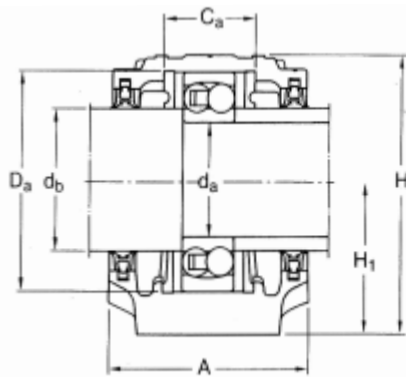
Series JNL 600 for bearings with Adapter Sleeves



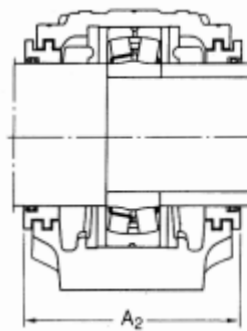
SHAFT DIA da mm	Housing Dimensions (mm)										Designations Housing Complete with two seal	Bearing Seating		Width Across Seal		Appropriate bearings and associated self-aligning ball bearing spherical roller bearing	Components Adopter sleeve	Locating rings 2 per housing
	A	A ₁	H	H ₁	H ₂	J	L	N	N ₁	G		Ca	Da	A2	A3			
65	140	100	194	100	35	290	345	28	22	20	JNL 615	65	160	158	200	1315 K / 21315 EK 2315 K / 22315EK	H 315 H 2315	FRB 14/160 FRB 5/160
70	145	100	212	112	35	290	345	28	22	20	JNL 616	68	170	163	205	1316 K / 21316 EK 2316 K / 22316 EK	H 316 H 2316	FRB 14.5/170 FRB 5/170
75	160	110	218	112	40	320	380	32	26	24	JNL 617	70	180	178	220	1317 K / 21317 EK 2317 K / 22317 EK	H 317 H 2317	FRB 14.5/180 FRB 5/180
80	155	110	229	112	40	320	380	32	26	24	JNL 618	74	190	155	170	1318 K / 21318 K 2318 K / 22318 CK	H 318 H 2318	FRB 15.5/190 FRB 5/190
85	175	120	242	125	45	350	410	32	26	24	JNL 619	80	200	191	235	1319 K / 21319 EK 2319 K / 22319 EK	H 319 H 2319	FRB 17.5/200 FRB 6.5/200
90	185	120	271	140	45	350	410	32	26	24	JNL 620	86	215	199	240	1320 K / 21320 EK 2320 K / 22320 EK	H 320 H 2320	FRB 19.5/215 FRB 6.5/215
100	185	130	298	150	50	390	450	32	26	24	JNL 622	100	240	185	203	1322 K / 21322 K 2322 K / 22322 CK	H 322 H 2322	FRB 25/240 FRB 10/240
110	190	160	321	160	60	450	530	42	35	30	JNL 624	106	260	190	208	22324 CK	H 2324	FRB 10/260
115	205	160	344	170	60	470	550	42	35	30	JNL 626	113	280	205	223	22326 CK	H 2326	FRB 10/280
125	215	170	366	180	65	520	620	42	35	30	JNL 628	122	300	215	233	22328 K	H 2328	FRB 10/300
135	225	180	386	190	65	560	650	42	35	30	JNL 630	128	320	225	243	22330 K	H 2330	FRB 10/320
140	235	190	406	200	70	580	680	50	42	36	JNL 632	134	340	235	253	22332 K	H 2332	FRB 10/340

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

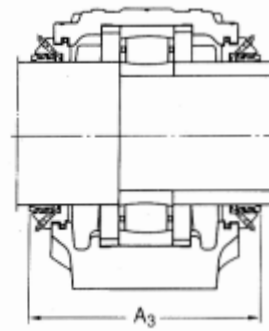
Series JNL 200 for bearings with Cylindrical Bore



Double-lip seals
TG design



Labyrinth seals
TS design

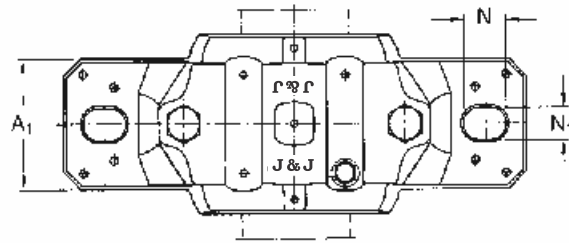
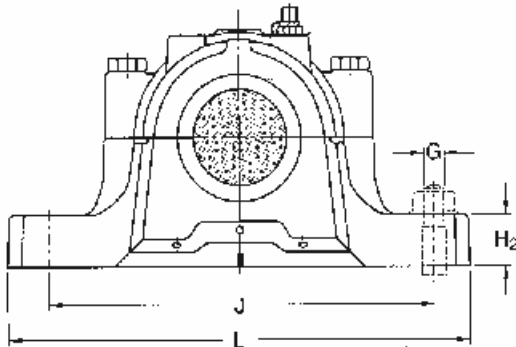


Taconite seats
TND design

SHAFT DIA da mm	Housing Dimensions (mm)										Housing Designation Complete with two seal	Bearing Seating		Width Across Seal			Appropriate bearings self-aligning ball bearing spherical roller bearing	Locating rings 2 per housing	Housing Designation without Seals
	A	A ₁	H	H ₁	H ₂	J	L	N	N1	G		db	Ca	Da	A2	A3			
25	67	46	74	40	19	130	165	20	15	12	JNL 205	30	25	52	90	140	1205 E 2205 E 22205 CC/W 33	FRB 5/52 FRB 3.5/52	JNL 205
30	77	52	89	50	22	150	185	20	15	12	JNL 206	35	32	62	89	150	1206 E 2206 E 22206 CC/W33	FRB 8/62 FRB 6/62	JNL 206-305
35	82	52	93	50	22	150	185	20	15	12	JNL 207	45	34	72	96	160	1207 E 2207 E 22207 CC/W33	FRB 8.5/72 FRB 5.5/72	JNL 207
40	85	60	108	60	25	170	205	20	15	12	JNL 208	50	39	80	99	160	1208 E 2208 E 22208 CC/W33	FRB 10.5/80 FRB 8/80	JNL 208
45	85	60	109	60	25	170	205	20	15	12	JNL 209	55	30	85	97	160	1209 E 2209 E 22209 CC/W33	FRB 5.5/85 FRB 3.5/85	JNL 209
50	90	60	113	60	25	170	205	20	15	12	JNL 210	60	41	90	102	165	1210 E 2210 E 22210 CC/W33	FRB 10.5/90 FRB 9/90	JNL 210
55	95	70	128	70	28	210	255	24	18	16	JNL 211	65	44	100	107	170	1211 E 2211 E 22211 CC/W33	FRB 11.5/100 FRB 9.5/100	JNL 211
60	105	70	134	70	30	210	255	24	18	16	JNL 212	70	48	110	117	185	1212 E 2212 E 22212 CC/W33	FRB 13/110 FRB 10/110	JNL 212
65	110	80	149	80	30	230	275	24	18	16	JNL 213	75	51	120	128	190	1213 E 2213 E 22213 CC/W33	FRB 14/120 FRB 10/120	JNL 213
70	115	80	154	80	30	230	280	24	18	16	JNL 214	80	51	125	133	195	1214 E 2214 E 22214 CC/W33	FRB 13/125 FRB 10/125	JNL 214
75	115	80	155	80	30	230	280	24	18	16	JNL 215	85	56	130	133	195	1215 E 2215 E 22215 CC/W33	FRB 15.5/130 FRB 12.5/130	JNL 215

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

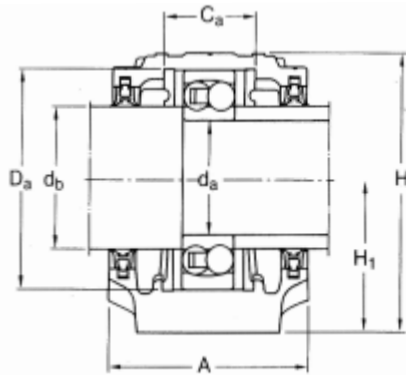
Series JNL 200 for bearings with Cylindrical Bore



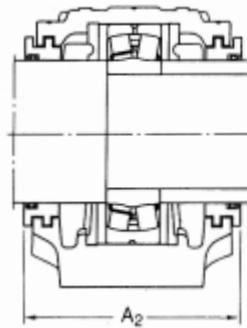
SHAFT DIA da mm	Housing Dimensions (mm)										Housing Designation Complete with two seal	Bearing Seating		Width Across Seal			Appropriate bearings self-aligning ball bearing spherical roller bearing	Locating rings 2 per housing	Housing Designation without Seals
	A	A ₁	H	H ₁	H ₂	J	L	N	N ₁	G		db	Ca	Da	A ₂	A ₃			
80	120	90	177	95	32	260	315	28	22	20	JNL 216	90	58	140	138	200	1216 E 2216 E 22216 CC/W33	FRB 16/140 FRB 12.5/140	JNL 216
85	125	90	183	95	32	260	320	28	22	20	JNL 217	95	61	150	143	205	1217 E 2217 E 22217 CC/W33	FRB 16.5/150 FRB 12.5/150	JNL 217
90	140	100	194	100	35	290	345	28	22	20	JNL 218	100	65	160	158	220	1218 E 2218 / 22218 E 23218 CC/W33	FRB 17.5/160 FRB 12.5/160 FRB 6.25/160	JNL 218
95	145	100	210	112	35	290	345	28	22	20	JNL 219	110	68	170	163	210	1219 E 2219 E 22219 E	FRB 18/170 FRB 12.5/170	JNL 519-616
100	160	110	218	112	40	320	380	32	26	24	JNL 220	115	70	180	178	245	1220 E 2220 E/22220 E 23220 CC/W33	FRB 18/180 FRB 12/180 FRB 4.85/180	JNL 520-617
110	175	120	242	125	45	350	410	32	26	24	JNL 222	125	80	200	191	255	1222 E 2222 E/22222 E 23222 CC/W33	FRB 21/200 FRB 13.5/200 FRB 5.1/200	JNL 522-619
120	185	120	271	140	45	350	410	32	26	24	JNL 224	135	86	215	199	270	1224 E 22224 E 23224 CC/W33	FRB 22/215 FRB 14/215 FRB 5/215	JNL 524-620
130	190	130	290	150	50	380	445	35	28	24	JNL 226	145	90	230	208	275	1226 E 22226 E/C 22226 23226 CC/W33	FRB 22/230 FRB 13/230 FRB 5/230	JNL 526
140	205	150	302	150	50	420	500	42	35	30	JNL 228	155	98	250	223	290	22228 CC/W33 23228 CC/W33	FRB 15/250 FRB 5/250	JNL 528
150	220	160	323	160	60	450	530	42	35	30	JNL 230	165	106	270	241	310	22230 CC/W33 23230 CC/W33	FRB 16.5/270 FRB 5/270	JNL 530
160	235	160	344	170	60	470	550	42	35	30	JNL 232	175	114	290	254	325	22232 CC/W33 23232 CC/W33	FRB 17/290 FRB 5/290	JNL 532

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

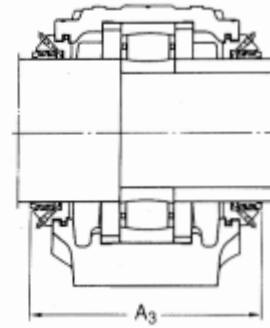
Series JNL 300 for bearings with Cylindrical Bore



Double-lip seals
TG design



Labyrinth seals
TS design

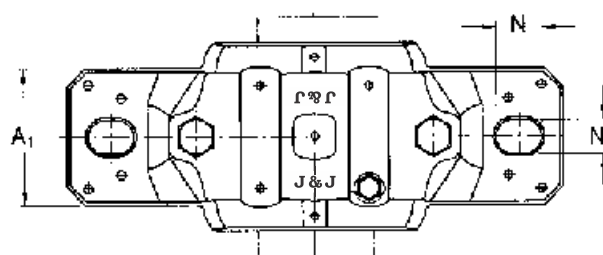
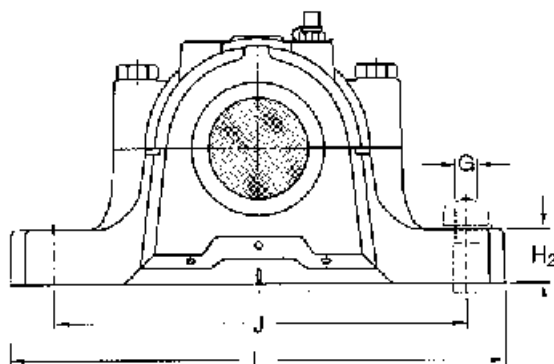


Taconite seats
TND design

SHAFT DIA		Housing Dimensions (mm)										Designations Housing Complete with two seal	Bear- ing Seating	Width Across Seal				Appropriate bearings self-aligning ball bearing spherical roller bearing	Locating rings 2 per housing	Housing Design- ation without Seals
da	db	A	A ₁	H	H ₁	H ₂	J	L	N	N1	G			Ca	Da	A2	A3			
mm	mm																			
25	30	77	52	89	50	22	150	185	20	15	12	JNL 305	32	62	89	140	1305 E / 21305 E 2305	FRB 7.5/62 FRB 4/62	JNL 506- 605	
30	35	82	52	93	50	22	150	185	20	15	12	JNL 306	34	72	94	155	1306 E / 21306 E 2306 / 22306	FRB 7.5/72 FRB 3.5/72	JNL 507- 606	
35	45	85	60	108	60	25	170	205	20	15	12	JNL 307	39	80	99	145	1307 E / 21307 E 2307 E / 22307 E	FRB 9/80 FRB 4/80	JNL 508- 607	
40	50	90	60	113	60	25	170	205	20	15	12	JNL 308	41	90	102	167	1308 E / 21308 E 2308 E / 22308 E	FRB 9/90 FRB 4/90	JNL 509- 608	
45	55	95	70	128	70	28	210	255	24	18	16	JNL 309	44	100	107	172	1309 E / 21309 E 2309 E / 22309 E	FRB 9.5/100 FRB 4/100	JNL 511- 609	
50	60	105	70	134	70	30	210	255	24	18	16	JNL 310	48	110	117	180	1310 E / 21310 E 2310 / 22310 E	FRB 10.5/110 FRB 4/110	JNL 512- 610	
55	65	110	80	150	80	30	230	275	24	18	16	JNL 311	51	120	122	185	1311 E / 21311 E 2311 / 22311 E	FRB 11/120 FRB 4/120	JNL 513- 611	
60	70	115	80	156	80	30	230	280	24	18	16	JNL 312	56	130	127	197	1312 / 21312 E 2312 / 22312 E	FRB 12.5/130 FRB 5/130	JNL 515- 612	
65	75	120	90	177	95	32	260	315	28	22	20	JNL 313	58	140	138	200	1313 E/ 21313 E 2313 / 22313 E	FRB 12.5/140 FRB 5/140	JNL 516- 613	
70	80	125	90	183	95	32	260	320	28	22	20	JNL 314	61	150	143	205	1314 / 21314 E 2314 / 22314	FRB 13/150 FRB 5/150	JNL 517- 614	

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

Series JNL 300 for bearings with Cylindrical Bore

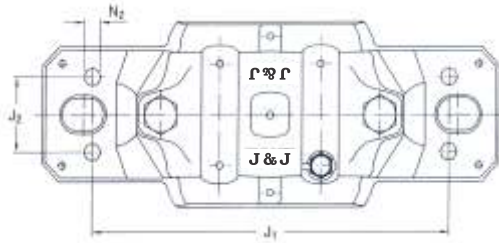


SHAFT DIA		Housing Dimensions (mm)										Designations Housing Complete with two seal	Bear- ing Seating	Width Across Seal				Appropriate bearings self-aligning ball bearing spherical roller bearing	Locating rings 2 per housing	Housing Design- ation without Seals
da	db	A	A ₁	H	H ₁	H ₂	J	L	N	N1	G			Ca	Da	A2	A3			
mm	mm																			
75	85	140	100	194	100	35	290	345	28	22	20	JNL 315	65	160	158	220	1315 / 21315 E 2315 / 22315 E	FRB 14/160 FRB 5/160	JNL 518-615	
80	90	145	100	212	112	35	290	345	28	22	20	JNL 316	68	170	163	218	1316 / 21316 E 2316 / 22316 E	14.5/170 5/170	JNL 519-616	
85	95	160	110	218	112	40	320	380	32	26	24	JNL 317	70	180	178	238	1317 / 21317 E 2317 / 22317 E	FRB 14.5/180 FRB 5/180	JNL 520-617	
90	105	160	110	229	112	40	320	380	32	26	24	JNL 318	74	190	188	248	1318 / 21318 CC 2318 / 22318 CC	FRB 15.5/190 FRB 5/190	JNL 618	
95	110	175	120	242	125	45	350	410	32	26	24	JNL 319	80	200	191	253	1319 / 21319 E 2319 / 22319 E	FRB 17.5/200 FRB 6.5/200	JNL 522-619	
100	115	185	120	271	140	45	350	410	32	26	24	JNL 320	86	215	199	260	1320 / 21320 E 2320 / 22320 E	FRB 19.5/215 FRB 6.5/215	JNL 524-620	
110	125	185	130	298	150	50	390	450	35	28	24	JNL 322	100	240	203		20322 / 21322 E 2322 / 22322 E	FRB 25/240 FRB 10/240	JNL 622	
120	135	190	160	321	160	60	450	530	42	35	30	JNL 324	106	260	208		22324 E	FRB 10/260	JNL 624	
130	150	205	160	344	170	60	470	550	42	35	30	JNL 326	113	280	223		22326 E	FRB 10/280	JNL 626	
140	160	215	170	366	180	65	520	620	42	35	30	JNL 328	122	300	233		22328 E	FRB 10/300	JNL 628	
150	170	225	180	386	190	65	560	650	42	35	30	JNL 330	128	320	243		22330 E	FRB 10/320	JNL 630	
160	180	235	190	406	200	70	580	680	50	42	36	JNL 332	134	340	253		22332 E	FBR 10/340	JNL 632	

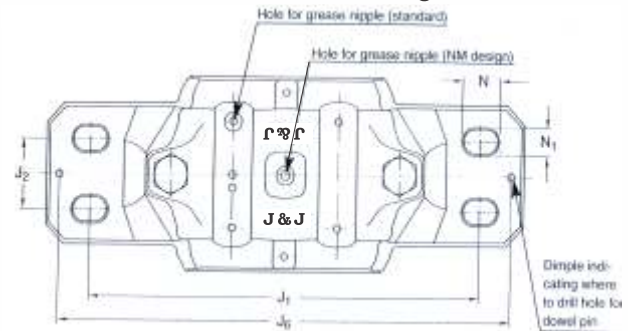
Eye bolts for easy handling (from size 528 / 228 / 624 / 324).

JNL Housings with four foundation drilled holes
FJNL Housings with four foundation elliptical holes

JNL housings



FJNL housings



Housing Size	Dimensions J ₁ J ₂		N ₂	Appropriate Bolt size	Housing Size	Dimensions N N ₂		J ₁	J ₂	J ₆
—	mm				—	mm				
JNL 208-307	160	34	11	M 10	FJNL 511-609	20	15	210	35	234
JNL 209	160	34	11	M 10	FJNL 513-611	20	15	230	40	252
JNL 210	160	34	11	M 10	FJNL 515-612	20	15	230	40	257
JNL 211	200	40	14	M 12	FJNL 516-613	24	18	260	50	288
JNL 212	200	40	14	M 12	FJNL 517	24	18	260	50	292
JNL 213	220	48	14	M 12	FJNL 518-615	24	18	290	50	317
JNL 215	220	48	14	M 12	FJNL 520-617	24	18	320	60	348
JNL 216	252	52	18	M 16	FJNL 522-619	24	18	350	70	378
JNL 217	252	52	18	M 16	FJNL 524-620	24	18	350	70	378
JNL 218	280	58	18	M 16						
JNL 508-607	160	34	11	M 10	FJNL 526	28	22	380	70	414
JNL 509	160	34	11	M 10	FSNL528	32	26	420	80	458
JNL 510-608	160	34	11	M 10	FJNL 530	32	26	450	90	486
JNL 511-609	200	40	14	M 12	FJNL 532	32	26	470	90	506
JNL 512-610	200	40	14	M 12						
JNL 513-611	220	48	14	M 12						
JNL 515-612	220	48	14	M 12						
JNL 516-613	252	52	18	M 16						
JNL 517	252	52	18	M 16						
JNL 518-615	280	58	18	M 16						
JNL 519-616	280	58	18	M 16						
JNL 520-617	300	66	18	M 16						
JNL 522-619	320	74	18	M 16						
JNL 524-620	330	74	18	M 16						
JNL 526	370	80	22	M 20						
JNL 528	400	92	26	M 24						
JNL 530	430	100	26	M 24						
JNL 532	450	100	26	M 24						