



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

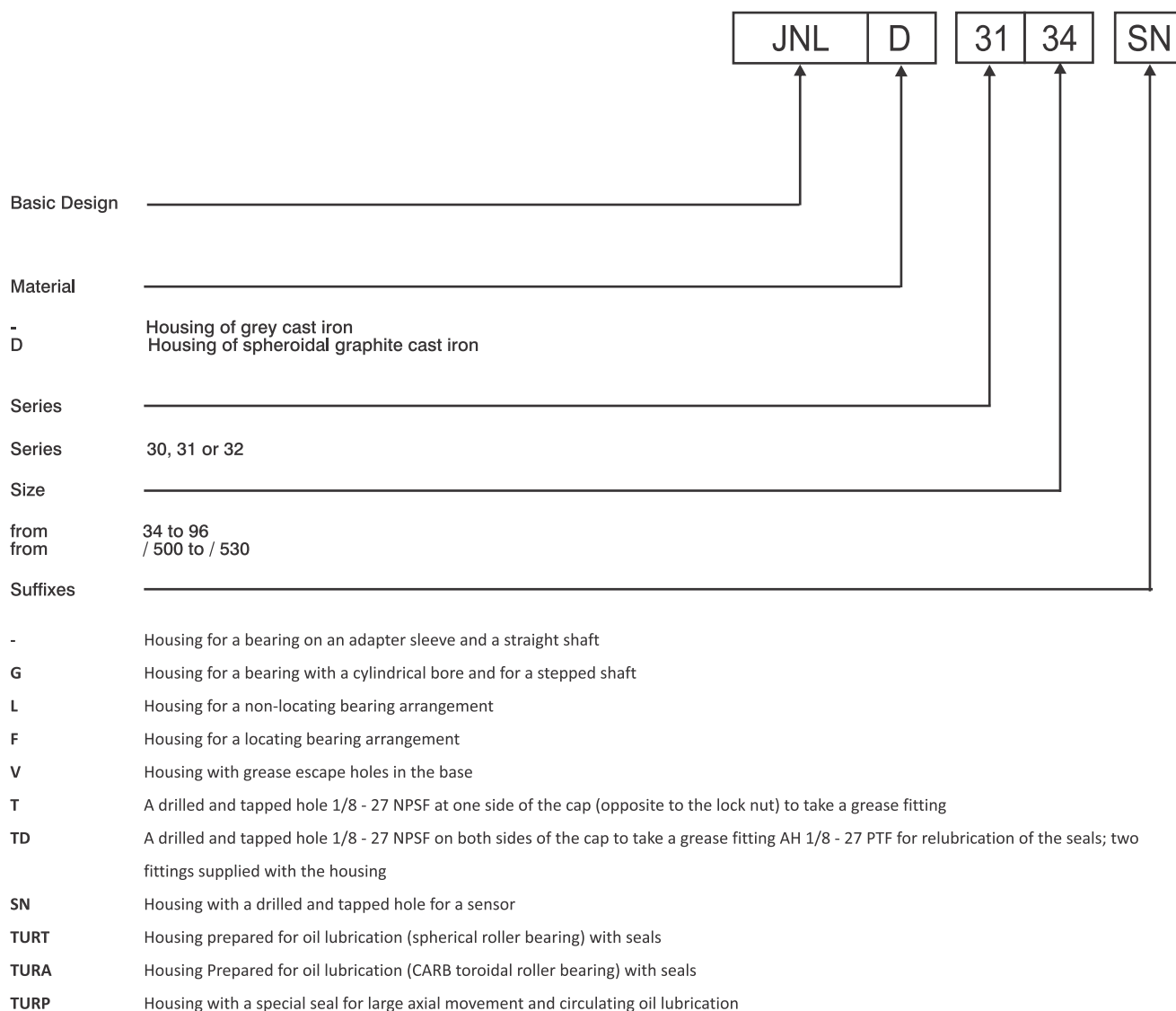
Seek to provide the most high quality products in the bearing housings industry. Products designs are made for customers benefit. From the most basic features to the most sophisticated designs, the products are designed to give customers substantial value.

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 3000 / 3100 / 3200 Series

JNL Plummer block housing are suitable for self aligning , Spherical roller bearings and CARB bearings for Shaft dia 150 to 340 mm. These housing are spilt type with 4 elliptical holes in housing base and suitable for grease or oil lubrication For Grease 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 JNL 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.



JNL-Series



Locating Ring



End Cover

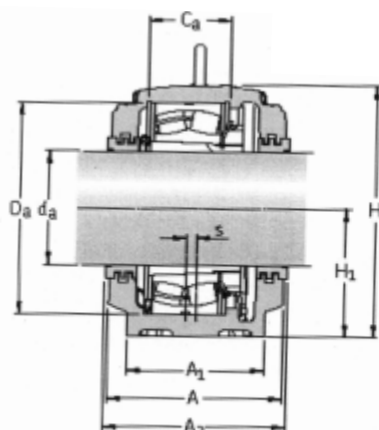


TS

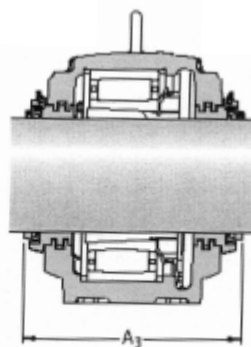


Teconite Seal

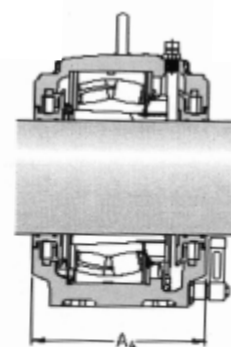
Large JNL plumber block housings for bearings on an adapter sleeve, metric shafts



Labyrinth seals. TS design

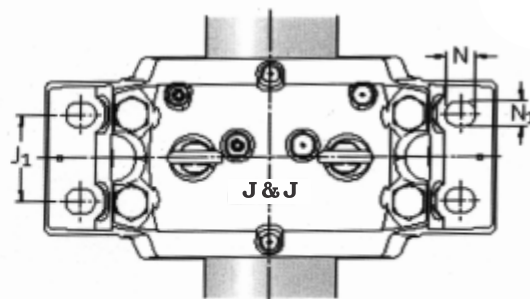
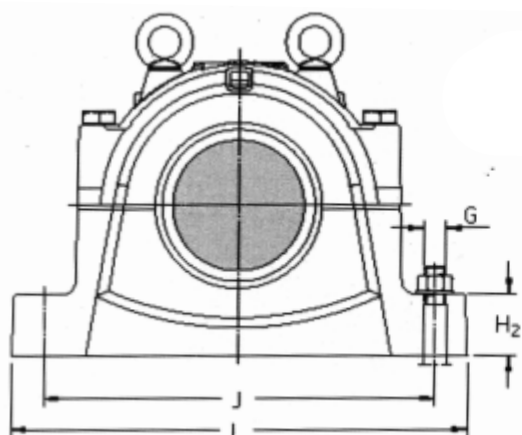


Taconite seals, TNF design



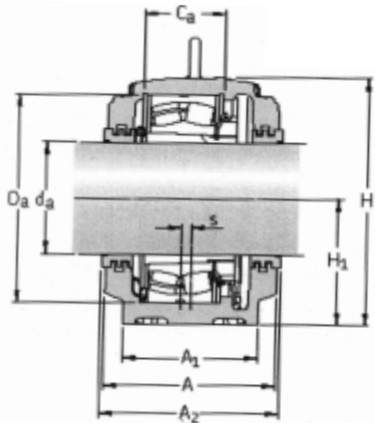
Oil seals TURT/TURA design

Shaft Dia d_a mm	Housing Dimensions (mm)												Designation Housing Only	Seal	End Cover
	A	A ₁	H	H ₁	H ₂	J	J ₁	L	N	N ₁	S	G			
115	230	180	333	170	70	430	100	510	34	28	14	24	JNL 3134	TS 34/115	ETS 34
125	240	190	353	180	75	450	110	530	34	28	15	24	JNL 3136	TS 36/125	ETS 36
135	260	210	375	190	80	480	120	560	34	28	10	24	JNL 3138	TS 38/135	ETS 38
140	240	190	353	180	75	450	110	530	34	28	15	24	JNL 3038	TS 38/140	ETS 38
	280	230	411	210	85	510	130	610	42	35	10	30	JNL 3140	TS 40/140	ETS 40
150	230	180	333	170	70	430	100	510	34	28	14	24	JNL 3134	TS 34	ETS 34
	260	210	375	190	80	480	120	560	34	28	10	24	JNL 3234	TS 40/150	ETS 40
	260	210	375	190	80	480	120	560	34	28	10	24	JNL 3040	TS 40/150	ETS 40
	290	240	434	220	90	540	140	640	42	35	12	30	JNL 3048	TS 48/150	ETS 48
160	230	180	333	170	70	430	100	510	34	28	14	24	JNL 3036	TS 36	ETS 36
	240	190	353	180	75	450	110	530	34	28	15	24	JNL 3136	TS 36	ETS 36
	260	210	375	190	80	480	120	560	34	28	10	24	JNL 3236	TS 38/160	ETS 38
	260	210	375	190	80	480	120	560	34	28	10	24	JNL 3138	TS 38/160	ETS 38
170	240	190	353	180	75	450	110	530	34	28	15	24	JNL 3038	TS 38	ETS 38
	260	210	375	190	80	480	120	560	34	28	10	24	JNL 3138	TS 38	ETS 38
	280	230	411	210	85	510	130	610	42	35	10	30	JNL 3238	TS 40/170	ETS 40
	280	230	411	210	85	510	130	610	42	35	10	30	JNL 3140	TS 40/170	ETS 40
	310	260	474	240	95	600	150	700	42	35	12	30	JNL 3148	TS 48/170	ETS 48
180	260	210	375	190	80	480	120	560	34	28	10	24	JNL 3040	TS 40	ETS 40
	280	230	411	210	85	510	130	610	42	35	10	30	JNL 3140	TS 40	ETS 40
	290	240	434	220	90	540	140	640	42	35	12	30	JNL 3240	TS 48/180	ETS 48
	290	240	434	220	90	540	140	640	42	35	12	30	JNL 3048	TS 48/180	ETS 48
	320	280	516	260	100	650	160	770	50	42	13	36	JNL 3056	TS 56/180	ETS 56

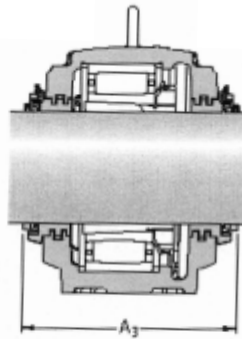


Shaft Dia d_a mm	Bearing Seat		Width across seals			Eye bolts According to DIN 580	Appropriate bearings and associated component		
	C_a	D_a	A_2	A_3	A_4		Spherical roller bearing	Adapter Sleeve	Locating Rings
	mm	mm		mm			CARB bearing		
115	108	280	240	302	-	M 16	22326 CCK/W33	H 2326	2 FRB 7.5/280
125	116	300	250	317	-	M 16	22328 CCK/W33	H 2328	2 FRB 7/300
135	124	320	270	334	-	M 20	22330 CCK/W33	H 2330	2 FRB 8/320
140	115	290	250	318	-	M 16	22232 CCK/W33	H 3132	2 FRB 17.5/290
	132	340	290	351	-	M 20	22332 CCK/W33	H 2332	2 FRB 9/340
150	108	280	240	302	225	M 16	23134 CCK/W33	H 3134	2 FRB 10/280
	122	310	270	331	-	M 20	23234 CCK/W33	H 2334	2 FRB 6/310
	122	310	270	331	-	M 20	22234 CCK/W33	H 3134	2 FRB 18/310
	140	360	300	387	-	M 20	22334 CCK/W33	H 2334	2 FRB 10/360
160	108	280	240	304	225	M 16	23036 CCK/W33	H 3036	2 FRB 17/280
	116	300	250	317	235	M 16	23136 CCK/W33	H 3136	2 FRB 10/300
	124	320	270	334	-	M 20	23236 CCK/W33	H 2336	2 FRB 6/320
	124	320	270	334	-	M 20	22236 CCK/W33	H 3136	2 FRB 19/320
170	115	290	250	318	235	M 16	23038 CCK/W33	H 3038	4 FRB 10/290
	124	320	270	334	255	M 20	23138 CCK/W33	H 3138	2 FRB 10/320
	132	340	290	351	-	M 20	23238 CCK/W33	H 2338	2 FRB 6/340
	132	340	290	351	-	M 20	22238 CCK/W33	H 3138	4 FRB 10/340
	148	400	315	404	-	M 24	22338 CCK/W33	H 2338	2 FRB 8/400
180	122	310	270	331	255	M 20	23040 CCK/W33	H 3040	4 FRB 10/310
	132	340	290	351	275	M 20	23140 CCK/W33	H 3140	2 FRB 10/340
	140	360	300	383	-	M 20	23240 CCK/W33	H 2340	2 FRB 6/360
	140	360	300	387	-	M 20	22240 CCK/W33	H 3140	2 FRB 21/360
	166	420	330	413	-	M 24	22340 CCK/W33	H 2340	2 FRB 14/420

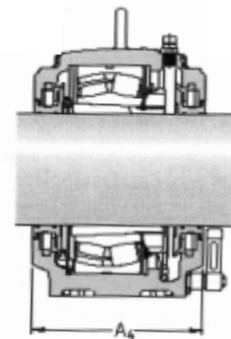
Large JNL plummer block housings for bearings on an adapter sleeve, metric shafts



Labyrinth seals. TS design

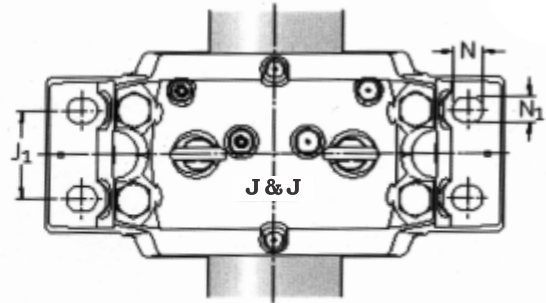
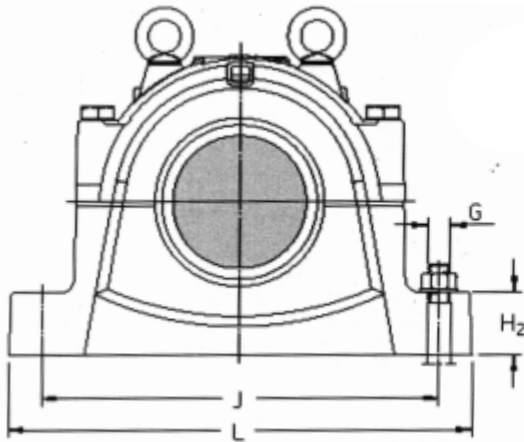


Taconite seals, TNF design



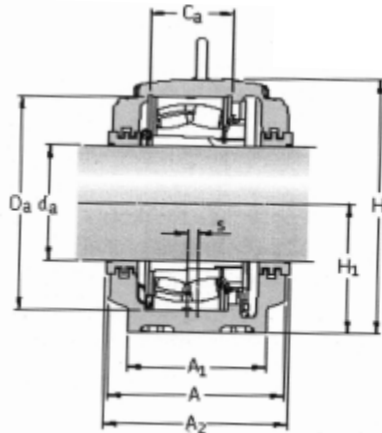
Oil seals TURT/TURA design

Shaft Dia d _a mm	Housing Dimensions (mm)												Designation Housing Only	Seal	End Cover
	A	A ₁	H	H ₁	H ₂	J	J ₁	L	N	N ₁	S	G			
200	280	230	411	210	85	510	130	610	42	35	10	30	JNL 3044	TS 44	ETS 44
	290	240	434	220	90	540	140	640	42	35	12	30	JNL 3144	TS 44	ETS 44
	310	260	474	240	95	600	150	700	42	35	12	30	JNL 3244	TS 48/200	ETS 48
	310	260	474	240	95	600	150	700	42	35	12	30	JNL 3148	TS 48/200	ETS 48
	320	280	516	260	100	650	160	770	50	42	16	36	JNL 3156	TS 56/200	ETS 56
220	290	240	434	220	90	540	140	640	42	35	12	30	JNL 3048	TS48	ETS 48
	310	260	474	240	95	600	150	700	42	35	12	30	JNL 3148	TS 48	ETS 48
	320	280	516	260	100	650	160	770	50	42	13	36	JNL 3248	TS 52/220	ETS 52
	320	280	516	260	100	650	160	770	50	42	13	36	JNL 3152	TS 52/220	ETS 52
	350	310	591	300	110	710	190	830	50	42	22	36	JNL 3160	TS 60/220	ETS 60
240	310	260	474	240	95	600	150	700	42	35	12	30	JNL 3052	TS 52	ETS 52
	320	280	516	260	100	650	160	770	50	42	13	36	JNL 3152	TS 52	ETS 52
	350	310	591	300	110	710	190	830	50	42	22	36	JNL 3252	TS 64/240	ETS 64
	350	310	591	300	110	710	190	830	50	42	22	36	JNL 3064	TS 64/240	ETS 64
	370	330	631	320	115	750	200	880	50	42	23	36	JNL 3164	TS 64/240	ETS 64
260	320	280	516	260	100	650	160	770	50	42	13	36	JNL 3056	TS 56	ETS 56
	320	280	551	280	105	670	160	790	50	42	16	36	JNL 3156	TS 56	ETS 56
	350	310	591	300	110	710	190	830	50	42	22	36	JNL 3256	TS 60/260	ETS 60
	350	310	591	300	110	710	190	830	50	42	22	36	JNL 3160	TS 60/260	ETS 60
	400	360	675	340	120	810	220	950	50	42	24	36	JNL 3168 L	TS 68/260	ETS 68
280	320	280	551	280	105	670	160	790	50	42	16	36	JNL 3060	TS 60	ETS 60
	350	310	591	300	110	710	190	830	50	42	22	36	JNL 3160	TS 60	ETS 60
	370	330	631	320	115	750	200	880	50	42	23	36	JNL 3260	TS 64/280	ETS 64
	370	330	631	320	115	750	200	880	50	42	23	36	JNL 3164	TS 64/280	ETS 64

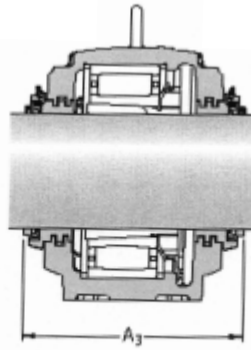


Shaft Dia	Bearing Seat		Width across seals			Eye bolts According to DIN 580	Appropriate bearings and associated component		
	C _a	D _a	A ₂	A ₃	A ₄		Spherical roller bearing	Adapter Sleeve	Locating Rings
	mm	mm		mm			CARB bearing		
200	130	340	290	353	275	M 20	23044 CCK/W33	OH 3044 H	4 FRB 10/340
	140	370	300	361	285	M-20	23144 CCK/W33	OH 3144 H	2 FRB 10/370
	164	400	315	404	-	M 24	23244 CCK/W33	OH 2344 H	2 FRB 10/400
	148	400	315	404	-	M 24	22244 CCK/W33	OH 3144 H	4 FRB 10/400
	166	460	330	412	-	M 24	22344 CCK/W33	OH 2344 H	2 FRB 10.5/460
220	140	360	300	387	285	M 20	23048 CCK/W33	OH 3048 H	4 FRB 12/360
	148	400	315	404	305	M 24	23148 CCK/W33	OH 3148 H	2 FRB 10/400
	180	440	330	414	-	M 24	23248 CCK/W33	OH 2348 H	2 FRB 10/440
	164	440	330	414	-	M 24	22248 CCK/W33	OH 3148 H	2 FRB 22/440
	180	500	360	442	-	M 30	22348 CCK/W33	OH 2348 H	2 FRB 12.5/500
240	148	400	315	397	305	M 24	23052 CCK/W33	OH 3052 H	2 FRB 22/400
	164	440	330	414	315	M 24	23152 CCK/W33	OH 3152 H	2 FRB 10/440
	194	480	360	443	-	M 30	23252 CCK/W33	OH 2352 H	2 FRB 10/480
	181	480	360	443	-	M 30	22252 CCK/W33	OH 3152 H	2 FRB 25.5/480
	196	540	380	462	-	M 30	22352 CCK/W33	OH 2352 H	2 FRB 15.5/540
260	166	420	330	413	315	M 24	23056 CCK/W33	OH 3056 H	6 FRB 10/420
	166	460	330	412	315	M 24	23156 CCK/W33	OH 3156 H	2 FRB 10/460
	196	500	360	442	-	M 30	23256 CCK/W33	OH 2356 H	2 FRB 10/500
	180	500	360	442	-	M 30	22256 CCK/W33	OH 3156 H	2 FRB 25/500
	210	580	410	491	-	M 30	22356 CCK/W33	OH 2356 H	2 FRB 17.5/580
280	168	460	330	412	315	M 24	23060 CCK/W33	OH 3060 H	2 FRB 25/460
	180	500	360	442	345	M 30	23160 CCK/W33	OH 3160 H	2 FRB 10/500
	212	540	380	462	-	M 30	23260 CCK/W33	OH 3260 H	2 FRB 10/540
	196	540	380	462	-	M 30	22260 CCK/W33	OH 3160 H	2 FRB 28/540

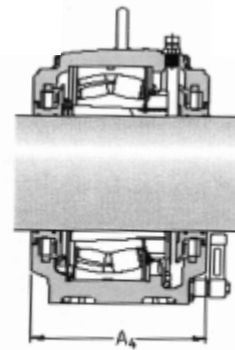
Large JNL plummer block housings for bearings on an adapter sleeve, metric shafts



Labyrinth seals. TS design

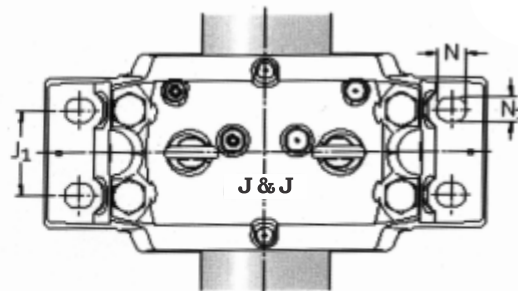
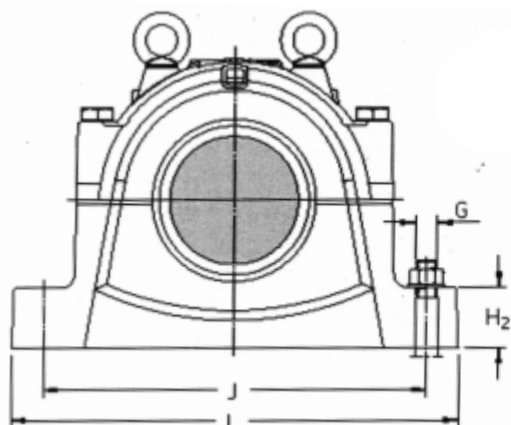


Taconite seals, TNF design



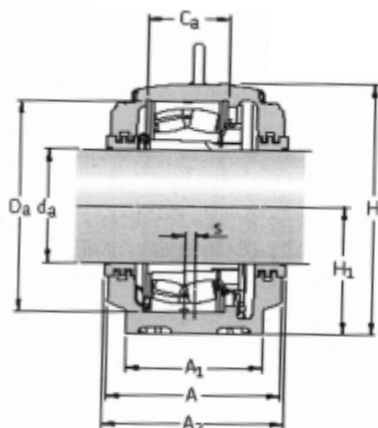
Oil seals TURT/TURA design

Shaft Dia d _a mm	Housing Dimensions (mm)												Designation Housing Only	Seal	End Cover
	A	A ₁	H	H ₁	H ₂	J	J ₁	L	N	N ₁	S	G			
300	350	310	591	300	110	710	190	830	50	42	22	36	JNL 3064	TS 64	ETS 64
	370	330	631	320	115	750	200	880	50	42	23	36	JNL 3164	TS 64	ETS 64
	400	360	675	340	120	810	220	950	50	42	24	36	JNL 3264 F	TS 68/300	ETS 68
	400	360	675	340	120	810	220	950	50	42	24	36	JNL 3264 L	TS 68/300	ETS 68
	400	360	675	340	120	810	220	950	50	42	24	36	JNL 3168 F	TS 68/300	ETS 68
320	370	330	631	320	115	750	200	880	50	42	23	36	JNL 3068	TS 68	ETS 68
	400	360	675	340	120	810	220	950	50	42	24	36	JNL 3168 F	TS 68	ETS 68
	400	360	675	340	120	810	220	950	50	42	24	36	JNL 3168 L	TS 68	ETS 68
	400	360	715	360	120	870	220	1040	50	42	30	36	JNL 3268 F	TS 76/320	ETS 76
	400	360	715	360	120	870	220	1040	50	42	30	36	JNL 3268 L	TS 76/320	ETS 76
340	370	330	631	320	115	750	200	880	50	42	23	36	JNL 3072	TS 72	ETS 72
	400	360	695	350	120	840	220	1000	50	42	30	36	JNL 3172 F	TS 72	ETS 72
	400	360	695	350	120	840	220	1000	50	42	30	36	JNL 3172 L	TS 72	ETS 72
	430	390	775	380	125	950	240	1120	60	48	30	42	JNL 3272 F	TS 80/340	ETS 80
	430	390	775	380	125	950	240	1120	60	48	30	42	JNL 3272 L	TS 80/340	ETS 80
	430	390	775	380	125	950	240	1120	60	48	30	42	JNL 3180 F	TS 80/340	ETS 80
360	400	360	675	340	120	810	220	950	50	42	24	36	JNL 3076F	TS 76	ETS 76
	400	360	675	340	120	810	220	950	50	42	24	36	JNL 3076 L	TS 76	ETS 76
	400	360	715	360	120	870	220	1040	50	42	30	36	JNL 3176 F	TS 76	ETS 76
	400	360	715	360	120	870	220	1040	50	42	30	36	JNL 3176 L	TS 76	ETS 76
	460	420	810	410	130	1000	260	1170	60	48	35	42	JNL 3276 F	TS 92/360	ETS 92
	460	420	810	410	130	1000	260	1170	60	48	35	42	JNL 3276 L	TS 92/360	ETS 92
380	400	360	695	350	120	840	220	1000	50	42	30	36	JNL 3080 F	TS 80	ETS 80
	400	360	695	350	120	840	220	1000	50	42	30	36	JNL 3080 L	TS 80	ETS 80
	430	390	775	380	125	950	240	1120	60	48	30	42	JNL 3180 F	TS 80	ETS 80
	430	390	775	380	125	950	240	1120	60	48	30	42	JNL 3180 L	TS 80	ETS 80
	460	430	835	420	135	1030	260	1220	60	48	35	42	JNL 3280 F	TS 88/380	ETS 88
	460	430	835	420	135	1030	260	1220	60	48	35	42	JNL 3280 L	TS 88/380	ETS 88

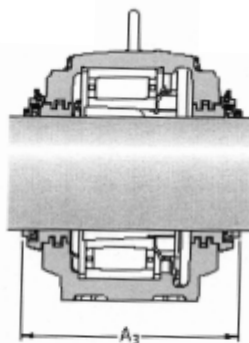


Shaft Dia	Bearing Seat		Width across seals			Eye bolts According to DIN 580	Appropriate bearings and associated component		
	C _a	D _a	A ₂	A ₃	A ₄		Spherical roller bearing CARB bearing	Adapter Sleeve	Locating Rings
mm	mm			mm					
300	181	480	360	443	345	M 30	23064 CCK/W33	OH 3064 H	6 FRB 10/480
	196	540	380	462	365	M 30	23164 CCK/W33	OH 3164 H	2 FRB 10/540
	208	580	410	491	-	M 30	23264 CCK/W33	OH 3264 H	-
	228	580	410	491	-	M 30	23264 CCK/W33	OH 3264 H	-
	190	580	410	491	-	M 30	22264 CCK/W33	OH 3164 H	2 FRB 20/580
320	197	520	380	461	365	M 30	23068 CCK/W33	OH 3068 H	4 FRB 16/520
	190	580	410	491	395	M 30	23168 CCK/W33	OH 3168 H	-
	210	580	410	491	395	M 30	23168 CCK/W33	OH 3168 H	-
	224	620	410	491	-	M 36	23268 CAK/W33	OH 3268 H	-
	244	620	410	491	-	M 36	23268 CAK/W33	OH 3268 H	-
340	198	540	380	461	365	M 30	23072 CCK/W33	OH 3072 H	4 FRB 16/540
	192	600	410	491	395	M 36	23172 CCK/W33	OH 3172 H	-
	212	600	410	491	395	M 36	23172 CCK/W33	OH 3172 H	-
	232	650	440	521	-	M 42	23272 CAK/W33	OH 3272 H	-
	252	650	440	521	-	M 42	23272 CAK/W33	OH 3272 H	-
	220	650	440	521	-	M 42	22272 CCK/W33	OH 3172 H	2 FRB 25/650
360	135	560	410	492	395	M 30	23076 CCK/W33	OH 3076 H	-
	180	560	410	492	395	M 30	23076 CCK/W33	OH 3076 H	-
	194	620	410	491	395	M 36	23176 CCK/W33	OH 3176 H	-
	214	620	410	491	395	M 36	23176 CAK/W33	OH 3176 H	-
	240	680	470	552	-	M 42	23276 CAK/W33	OH 3276 H	-
	260	680	470	552	-	M 42	23276 CAK/W33	OH 3276 H	-
380	148	600	410	492	395	M 36	23080 CCK/W33	OH 3080 H	-
	192	600	410	492	395	M 36	23080 CAK/W33	OH 3080 H	-
	200	650	440	521	425	M 42	23180 CAK/W33	OH 3180 H	-
	220	650	440	521	425	M 42	23180 CAK/W33	OH 3180 H	-
	256	720	470	552	-	M 42	23280 CAK/W33	OH 3280 H	-
	276	720	470	552	-	M 42	23280 CAK/W33	OH 3280 H	-

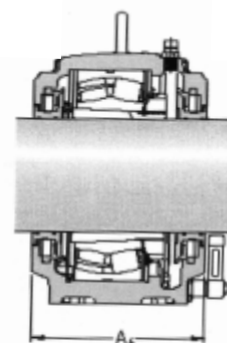
Large JNL plumber block housings for bearings on an adapter sleeve, metric shafts



Labyrinth seals. TS design

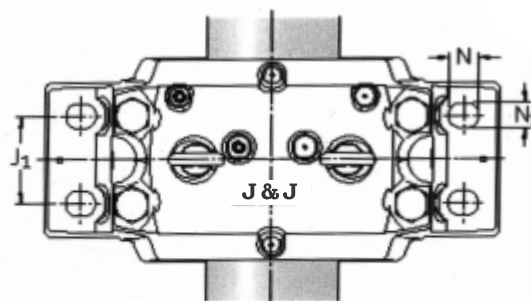
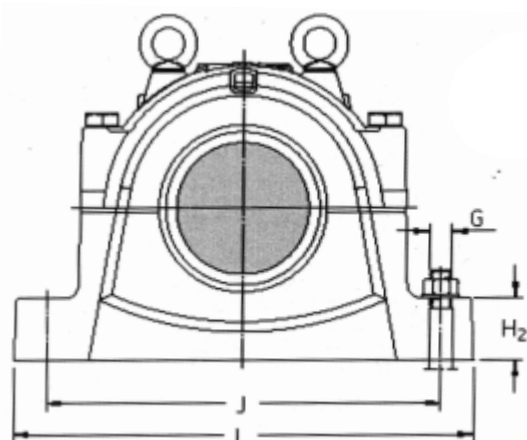


Taconite seals, TNF design



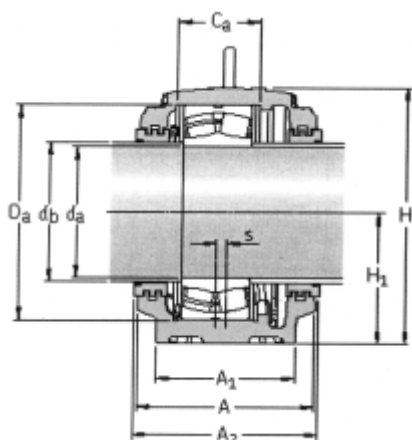
Oil seals TURT/TURA design

Shaft Dia d _a mm	Housing Dimensions (mm)												Designation Housing Only	Seal	End Cover
	A	A ₁	H	H ₁	H ₂	J	J ₁	L	N	N ₁	S	G			
400	400	360	715	360	120	870	220	1040	50	42	30	36	JNL 3084 F	TS 84	ETS 84
	400	360	715	360	120	870	220	1040	50	42	30	36	JNL 3084 L	TS 84	ETS 84
	460	420	810	410	130	1000	260	1170	60	48	35	42	JNL 3184 F	TS 84	ETS 84
	460	420	810	410	130	1000	260	1170	60	48	35	42	JNL 3184 L	TS 84	ETS 84
	470	440	880	440	145	1070	260	1280	60	48	35	42	JNL 3284 F	TS 92/400	ETS 92
	470	440	880	440	145	1070	260	1280	60	48	35	42	JNL 3284 L	TS 92/400	ETS 92
410	430	390	775	380	125	950	240	1120	60	48	30	42	JNL 3088 F	TS 88	ETS 88
	430	390	775	380	125	950	240	1120	60	48	30	42	JNL 3088 L	TS 88	ETS 88
	460	430	835	420	135	1030	260	1220	60	48	35	42	JNL 3188 F	TS 88	ETS 88
	460	430	835	420	135	1030	260	1220	60	48	35	42	JNL 3188 L	TS 88	ETS 88
	470	440	920	460	155	1110	260	1330	70	56	35	48	JNL 3288 F	TS 96/410	ETS 96
	470	440	920	460	155	1110	260	1330	70	56	35	48	JNL 3288 L	TS 96/410	ETS 96
430	460	420	810	410	130	1000	260	1170	60	48	35	42	JNL 3092 F	TS 92	ETS 92
	460	420	810	410	130	1000	260	1170	60	48	35	42	JNL 3092 L	TS 92	ETS 92
	470	440	880	440	145	1070	260	1280	60	48	35	42	JNL 3192 F	TS 92	ETS 92
	470	440	880	440	145	1070	260	1280	60	48	35	42	JNL 3192 L	TS 92	ETS 92
450	460	420	810	410	130	1000	260	1170	60	48	35	42	JNL 3096 F	TS 96	ETS 96
	460	420	810	410	130	1000	260	1170	60	48	35	42	JNL 3096 L	TS 96	ETS 96
	470	440	920	460	155	1110	260	1330	70	56	35	48	JNL 3196 F	TS 96	ETS 96
	470	440	920	460	155	1110	260	1330	70	56	35	48	JNL 3196 L	TS 96	ETS 96
470	460	430	835	420	135	1030	260	1220	60	48	35	42	JNL 30/500 F	TS 500	ETS 500
	460	430	835	420	135	1030	260	1220	60	48	35	42	JNL 30/500 L	TS 500	ETS 500
500	470	440	920	460	155	1110	260	1330	70	56	35	48	JNL 30/530 F	TS 530	ETS 530
	470	440	920	460	155	1110	260	1330	70	56	35	48	JNL 30/530 L	TS 530	ETS 530

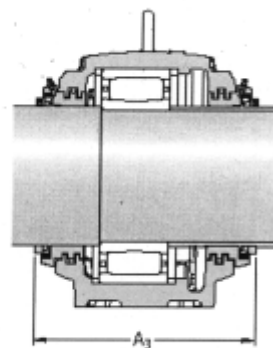


Shaft Dia d_a mm	Bearing Seat		Width across seals			Eye bolts According to DIN 580	Appropriate bearings and associated component		
	C_a mm	D_a mm	A_2 mm	A_3 mm	A_4 mm		Spherical roller bearing CARB bearing	Adapter Sleeve	Locating Rings
400	150	620	410	492	395	M 36	23084 CAK/W33	OH 3084 H	-
	194	620	410	492	395	M 36	23084 CAK/W33	OH 3084 H	-
	224	700	470	551	455	M 42	23184 CAK/W33	OH 3184 H	-
	244	700	470	551	455	M 42	23184 CAK/W33	OH 3184 H	-
	272	760	480	562	-	M 48	23284 CAK/W33	OH 3284 H	-
	292	760	480	562	-	M 48	23284 CAK/W33	OH 3284 H	-
410	157	650	440	522	425	M 42	23088 CAK/W33	OH 3088 H	-
	200	650	440	522	425	M 42	23088 CAK/W33	OH 3088 H	-
	226	720	470	552	455	M 42	23188 CAK/W33	OH 3188 H	-
	246	720	470	552	455	M 42	23188 CAK/W33	OH 3188 H	-
	280	790	480	561	-	M 48	23288 CAK/W33	OH 3288 H	-
	300	790	480	561	-	M 48	23288 CAK/W33	OH 3288 H	-
430	163	680	470	552	455	M 42	23092 CAK/W33	OH 3092 H	*
	224	680	470	552	455	M 42	23092 CAK/W33	OH 3092 H	-
	240	760	480	562	465	M 48	23192 CAK/W33	OH 3192 H	-
	260	760	480	562	465	M 48	23192 CAK/W33	OH 3192 H	-
450	165	700	470	561	455	M 42	23096 CAK/W33	OH 3096 H	-
	224	700	470	561	455	M 42	23096 CAK/W33	OH 3096 H	-
	248	790	480	561	465	M 48	23196 CAK/W33	OH 3196 H	-
	268	790	480	561	465	M 48	23196 CAK/W33	OH 3196 H	-
470	167	720	470	551	455	M 42	230/500 CAK/W33	OH 30/500 H	-
	226	720	470	551	455	M 42	230/500 CAK/W33	OH 30/500 H	-
500	185	780	480	551	465	M 48	230/530CAK/W33	OH 30/530H	-
	248	780	480	551	465	M 48	230/530CAK/W33	OH 30/530H	-

Large JNL plumber block housings for bearings with a cylindrical bore

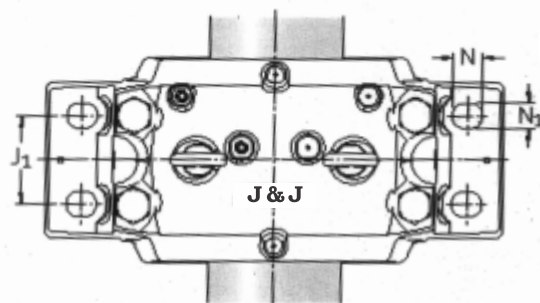
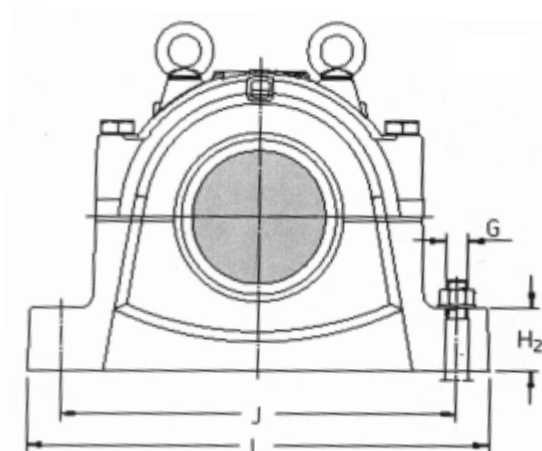


Labyrinth seals. TS design



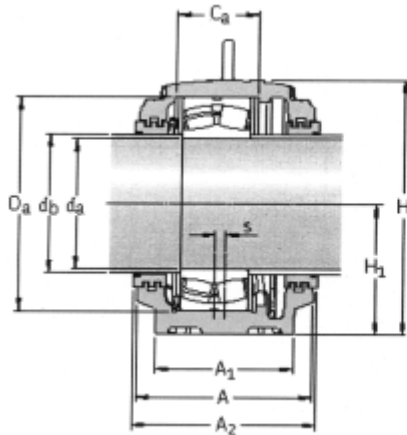
Taconite seals, TNF design

Shaft Dia da mm	Housing Dimensions (mm)												Designation Housing Only	Seal	End Cover
	A	A ₁	H	H ₁	H ₂	J	J ₁	L	N	N ₁	S	G			
130	230	180	333	170	70	430	100	510	34	28	14	24	JNL 3134	TS 34	ETS 34
140	240	190	353	180	75	450	110	530	34	28	15	24	JNL 3136	TS 36	ETS 36
150	260	210	375	190	80	480	120	560	34	28	10	24	JNL 3138	TS 38	ETS 38
160	240	190	353	180	75	450	110	530	34	28	15	24	JNL 3038	TS 38/180	ETS 38
	280	230	411	210	85	510	130	610	42	35	10	30	JNL 3140	TS 40	ETS 40
170	230	180	333	170	70	430	100	510	34	28	14	24	JNL 3134 G	TS 40	ETS 40
	260	210	375	190	80	480	120	560	34	28	10	24	JNL 3234 G	TS 40/190	ETS 40
	260	210	375	190	80	480	120	560	34	28	10	24	JNL 3040	TS 40/190	ETS 40
	290	240	434	220	90	540	140	640	42	35	12	30	JNL 3048	TS 48/190	ETS 48
180	230	180	333	170	70	430	100	510	34	28	14	24	JNL 3036 G	TS 44	ETS 44
	240	190	353	180	75	450	110	530	34	28	15	24	JNL 3136 G	TS 44	ETS 44
	260	210	375	190	80	480	120	560	34	28	10	24	JNL 3138 G	TS 44	ETS 44
	260	210	375	190	80	480	120	560	34	28	10	24	JNL 3236 G	TS 44	ETS 44
190	240	190	353	180	75	450	110	530	34	28	15	24	JNL 3038 G	TS 44	ETS 44
	260	210	375	190	80	480	120	560	34	28	10	24	JNL 3138 G	TS 44	ETS 44
	280	230	411	210	85	510	130	610	42	35	10	30	JNL 3238 G	TS 48/210	ETS 48
	280	230	411	210	85	510	130	610	42	35	10	30	JNL 3140 G	TS 48/210	ETS 48
	310	260	474	240	95	600	150	700	42	35	12	30	JNL 3148	TS 48/210	ETS 48
200	260	210	375	190	80	480	120	560	34	28	10	24	JNL 3040 G	TS 48	ETS 48
	280	230	411	210	85	510	130	610	42	35	10	30	JNL 3140 G	TS 48	ETS 48
	290	240	434	220	90	540	140	640	42	35	12	30	JNL 3240 G	TS 48	ETS 48
	290	240	434	220	90	540	140	640	42	35	12	30	JNL 3048	TS 48	ETS 48
	320	280	516	260	100	650	160	770	50	42	13	36	JNL 3056	TS 56/220	ETS 56

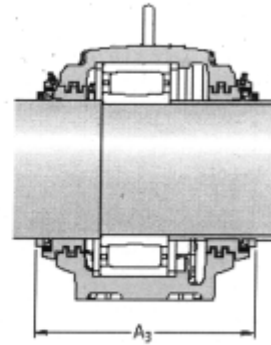


Shaft Dia		Bearing Seat	Width across seals			Eye bolts According to DIN 580	Appropriate bearings and associated component Spherical roller bearing CARB bearing Locating rings	
d _a	d _b	C _a	D _a	A ₂	A ₃			
mm	mm			mm				
130	150	108	280	240	302	M 16	22326 CC/W33	2 FRB 7.5/280
140	160	116	300	250	317	M 16	22328 CC/W33	2 FRB 7/300
150	170	124	320	270	334	M 20	22330 CC/W33	2 RFB 8/320
160	180	115	290	250	318	M 16	22232 CC/W33	2 FRB 17.5/290
	180	132	340	290	351	M 20	23232 CC/W33 22332 CC/W33	2 FRB 5.5/290 2 FRB 9/340
170	180	108	280	240	302	M 16	23134 CC/W33	2 FRB 10/280
	190	122	310	270	331	M 20	23234 CC/W33	2 FRB 6/310
	190	122	310	270	331	M 20	22234 CC/W33	2 FRB 18/310
	190	140	360	300	387	M 20	22334 CC/W33	2 FRB10/360
180	200	108	280	240	304	M 16	23036 CC/W33	2 FRB 17/280
	200	116	300	250	317	M 16	24036 CC/W33	2 FRB 4/280
	200	124	320	270	334	M 20	23136 CC/W33	2 FRB 10/300
	200	124	320	270	334	M 20	22236 CC/W33 23236 CC/W33	2 FRB 19/320 2 FRB 6/320
190	200	115	290	250	318	M 16	23038 CC/W33	4 FRB 10/290
	200	124	320	270	334	M 20	24038 CC/W33	2 FRB 7.5/290
	210	132	340	290	351	M 20	23138 CC/W33	2 FRB 10/320
	210	132	340	290	351	M 20	23238 CC/W33	2 FRB 6/340
	210	148	400	315	404	M 24	22238 CC/W33 22338 CC/W33	4 FRB 10/340 2 FRB 8/400
200	220	122	310	270	331	M 20	23040 CC/W33	4 FRB 10/310
	220	132	340	290	351	M 20	24040 CC/W33	2 FRB 6.5/310
	220	140	360	300	383	M 20	23140 CC/W33	2 FRB 10/340
	220	140	360	300	387	M 20	23240 CC/W33	2 FRB 6/360
	220	166	420	330	413	M 24	22240 CC/W33 22340 CC/W33	2 FRB 21/360 2 FRB 14/420

Large JNL plumber block housings for bearings with a cylindrical bore

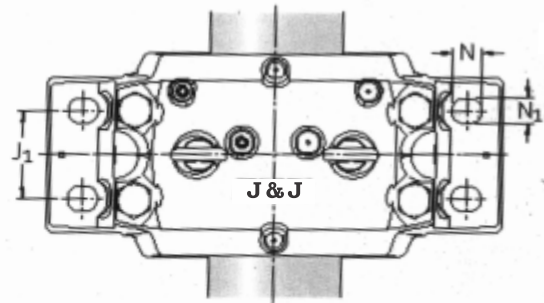
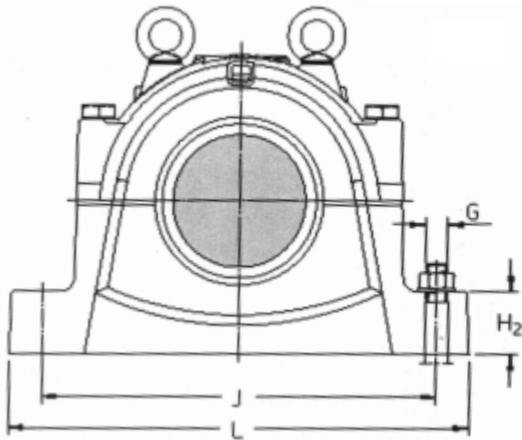


Labyrinth seals. TS design



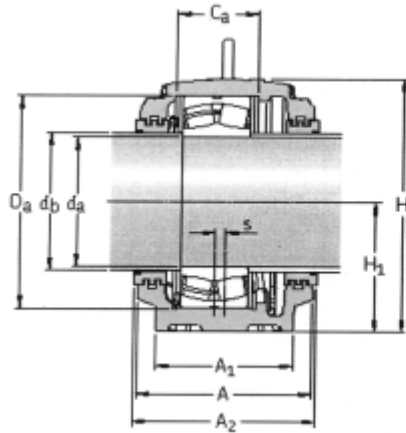
Taconite seals, TNF design

Shaft Dia da mm	Housing Dimensions (mm)												Designation Housing Only	Seal	End Cover
	A	A ₁	H	H ₁	H ₂	J	J ₁	L	N	N ₁	S	G			
220	280	230	411	210	85	510	130	610	42	35	10	30	JNL 3044 G	TS 52	ETS 52
	290	240	434	220	90	540	140	640	42	35	12	30	JNL 3144 G	TS 52	ETS 52
	310	260	474	240	95	600	150	700	42	35	12	30	JNL 3244 G	TS 56/240	ETS 56
	310	260	474	240	95	600	150	700	42	35	12	30	JNL 3148 G	TS 56/240	ETS 56
	320	280	551	280	105	670	160	790	50	42	16	36	JNL 3156	TS 56/240	ETS 56
240	290	240	434	220	90	540	140	640	42	35	12	30	JNL 3048 G	TS 56	ETS 56
	310	260	474	240	95	600	150	700	42	35	12	30	JNL 3148 G	TS 56	ETS 56
	320	280	516	260	100	650	160	770	50	42	13	36	JNL 3248 G	TS 60/260	ETS 60
	320	280	516	260	100	650	160	770	50	42	13	36	JNL 3152 G	TS 60/260	ETS 60
	350	310	591	300	110	710	190	830	50	42	22	36	JNL 3160	TS 60/260	ETS60
260	310	260	474	240	95	600	150	700	42	35	12	30	JNL 3052 G	TS 60	ETS 60
	320	280	516	260	100	650	160	770	50	42	13	36	JNL 3152 G	TS 60	ETS 60
	350	310	591	300	110	710	190	830	50	42	22	36	JNL 3252 G	TS 64/280	ETS 64
	350	310	591	300	110	710	190	830	50	42	22	36	JNL 3064	TS 64/280	ETS 64
	370	330	631	320	115	750	200	880	50	42	23	36	JNL 3164	TS 64/290	ETS 64
280	320	280	516	260	100	650	160	770	50	42	13	36	JNL 3056 G	TS 64	ETS 64
	320	280	551	280	105	670	160	790	50	42	16	36	JNL 3156 G	TS 64	ETS 64
	350	310	591	300	110	710	190	830	50	42	22	36	JNL 3256 G	TS 68/300	ETS 68
	350	310	591	300	110	710	190	830	50	42	22	36	JNL 3160 G	TS 68/300	ETS 68
	400	360	675	340	120	810	220	950	50	42	24	36	JNL 3168 L	TS 68/310	ETS 68
300	320	280	551	280	105	670	160	790	50	42	16	36	JNL 3060 G	TS 68	ETS 68
	350	310	591	300	110	710	190	830	50	42	22	36	JNL 3160 G	TS 68	ETS 68
	370	330	631	320	115	750	200	880	50	42	23	36	JNL 3260 G	TS 72/320	ETS 72
	370	330	631	320	115	750	200	880	50	42	23	36	JNL 3164 G	TS 72/320	ETS 72
320	350	310	591	300	110	710	190	830	50	42	22	36	JNL 3064 G	TS 72	ETS 72
	370	330	631	320	115	750	200	880	50	42	23	36	JNL 3164 G	TS 72	ETS 72
	400	360	675	340	120	810	220	950	50	42	24	36	JNL 3264 GF	TS 76/340	ETS 76
	400	360	675	340	120	810	220	950	50	42	24	36	JNL 3264 GL	TS 76/340	ETS 76
	400	360	675	340	120	810	220	950	50	42	24	36	JNL 3168 GF	TS 76/340	ETS 76

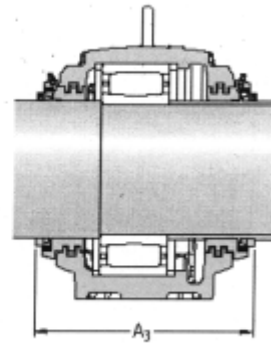


Shaft Dia		Bearing Seat	Width across seals			Eye bolts According to DIN 580	Appropriate bearings and associated component Spherical roller bearing CARB bearing Locating rings	
d _a	d _b	C _a	D _a	A ₂	A ₃			
mm	mm			mm	mm			
220	240	130	340	290	353	M 20	23044 CC/W33 24044 CC/W33	4 FRB 10/340 2 FRB 6/340
	240	140	370	300	361	M 20	23144 CC/W33	2 FRB 10/370
	240	164	400	315	404	M 24	23244 CC/W33	2 FRB 10/400
	240	148	400	315	404	M 24	22244 CC/W33	4 FRB 10/400
	240	166	460	330	412	M 24	22344 CC/W33	2 FRB 10.5/460
240	260	140	360	300	387	M 20	23048 CC/W33 24048 CC/W33	4 FRB 12/360 2 FRB 11/360
	260	148	400	315	404	M 24	23148 CC/W33	2 FRB 10/400
	260	180	440	330	414	M 24	23248 CC/W33	2 FRB 10/440
	260	164	440	330	414	M 24	22248 CC/W33	2 FRB 22/440
	260	180	500	360	442	M 30	22348 CC/W33	2 FRB 12.5/500
260	280	148	400	315	397	M 24	23052 CC/W33 24052 CC/W33	2 FRB 22/400 2 FRB 4/400
	280	164	440	330	414	M 24	23152 CC/W33	2 FRB 10/440
	280	194	480	360	443	M 30	23252 CC/W33	2 FRB 10/480
	280	181	480	360	443	M 30	22252 CC/W33	2 FRB 25.5/480
	290	196	540	380	462	M 30	22352 CC/W33	2 FRB 15.5/540
280	300	166	420	330	413	M 24	23056 CC/W33 24056 CC/W33	6 FRB 10/420 2 FRB 13/420
	300	166	460	330	412	M 24	23156 CC/W33	2 FRB 10/460
	300	196	500	360	442	M 30	23256 CC/W33	2 FRB 10/500
	300	180	500	360	442	M 30	22256 CC/W33	2 FRB 25/500
	310	210	580	410	491	M 30	22356 CC/W33	2 FRB 17.5/580
300	320	168	460	330	412	M 24	23060 CC/W33 24060 CC/W33	2 FRB 25/460 2 FRB 4/460
	320	180	500	360	442	M 30	23160 CC/W33	2 FRB 10/500
	320	212	540	380	462	M 30	23260 CC/W33	2 FRB 10/540
	320	196	540	380	462	M 30	22260 CC/W33	2 FRB 28/540
320	340	181	480	360	443	M 30	23064 CC/W33	6 FRB 10/480
	340	196	540	380	462	M 30	23164 CC/W33	2 FRB 10/540
	340	208	580	410	491	M 30	23264 CC/W33	-
	340	228	580	410	491	M 30	23264 CC/W33	-
	340	190	580	410	491	M 30	22264 CC/W33	2 FRB 20/580

Large JNL plumber block housings for bearings with a cylindrical bore

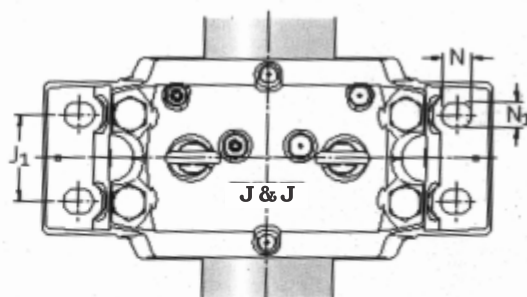
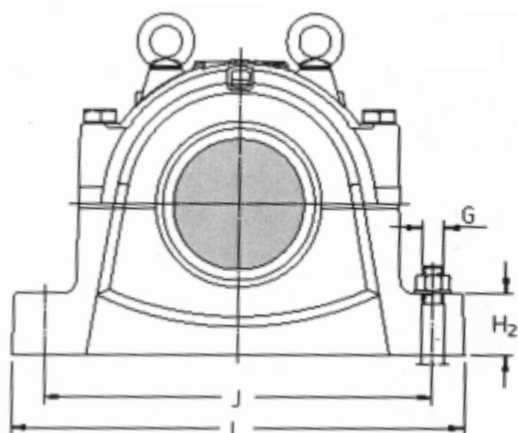


Labyrinth seals. TS design



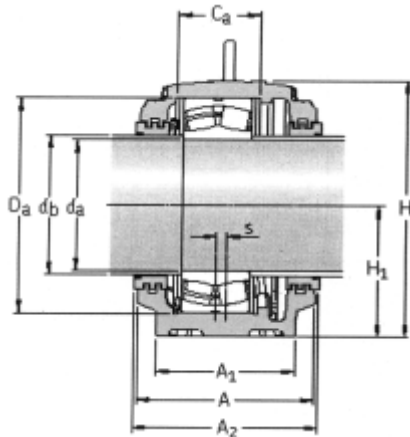
Taconite seals, TNF design

Shaft Dia da mm	Housing Dimensions (mm)												Designation Housing Only	Seal	End Cover
	A	A ₁	H	H ₁	H ₂	J	J ₁	L	N	N ₁	S	G			
340	370	330	631	320	115	750	200	880	50	42	23	36	JNL 3068 G	TS 76	ETS 76
	400	360	675	340	120	810	220	950	50	42	24	36	JNL 3168 GF	TS 76	ETS 76
	400	360	675	340	120	810	220	950	50	42	24	36	JNL 3168 GL	TS 76	ETS 76
	400	360	715	360	120	870	220	1040	50	42	30	36	JNL 3268 GF	TS 76/370	ETS 76
	400	360	715	360	120	870	220	1040	50	42	30	36	JNL 3268 GL	TS 76/370	ETS 76
360	370	330	631	320	115	750	220	880	50	42	23	36	JNL 3072 G	TS 80	ETS 80
	400	360	695	350	120	840	220	1000	50	42	30	36	JNL 3172 GF	TS 80	ETS 80
	400	360	695	350	120	840	220	1000	50	42	30	36	JNL 3172 GL	TS 80	ETS 80
	430	390	775	380	125	950	240	1120	60	48	30	42	JNL 3272 GF	TS 80/390	ETS 80
	430	390	775	380	125	950	240	1120	60	48	30	42	JNL 3272 GL	TS 80/390	ETS 80
	430	390	775	380	125	950	240	1120	60	48	30	42	JNL 3180 F	TS 80/390	ETS 80
380	400	360	675	340	120	810	220	950	50	42	24	36	JNL 3076 GF	TS 84	ETS 84
	400	360	675	340	120	810	220	950	50	42	24	36	JNL 3076 GL	TS 84	ETS 84
	400	360	715	360	120	870	220	1040	50	42	30	36	JNL 3176 GF	TS 84	ETS 84
	400	360	715	360	120	870	220	1040	50	42	30	36	JNL 3176 GL	TS 84	ETS 84
	460	420	810	410	130	1000	260	1170	60	48	35	42	JNL 3276 GF	TS 92/410	ETS 92
	460	420	810	410	130	1000	260	1170	60	48	35	42	JNL 3276 GL	TS 92/410	ETS 92
	400	360	675	340	120	810	220	950	50	42	24	36	JNL 4076 GF	TS 84	ETS 84
	400	360	675	340	120	810	220	950	50	42	24	36	JNL 4076 GL	TS 84	ETS 84
400	400	360	695	350	120	840	220	1000	50	42	30	36	JNL 3080 GF	TS 92	ETS 92
	400	360	695	350	120	840	220	1000	50	42	30	36	JNL 3080 GL	TS 92	ETS 92
	430	390	775	380	125	950	240	1120	60	48	30	42	JNL 3180 GF	TS 92	ETS 92
	430	390	775	380	125	950	240	1120	60	48	30	42	JNL 3180 GL	TS 92	ETS 92
	460	430	835	420	135	1030	260	1220	60	48	35	42	JNL 3280 GF	TS 500/430	ETS 500
	460	430	835	420	135	1030	260	1220	60	48	35	42	JNL 3280 GL	TS 500/430	ETS 500
	400	360	695	350	120	840	220	1000	50	42	30	36	JNL 4080 GF	TS 92	ETS 92
	400	360	695	350	120	840	220	1000	50	42	30	36	JNL 4080 GL	TS 92	ETS 92
420	400	360	715	360	120	870	220	1040	50	42	30	36	JNL 3084 GF	TS 96	ETS 96
	400	360	715	360	120	870	220	1040	50	42	30	36	JNL 3084 GL	TS 96	ETS 96
	460	420	810	410	130	1000	260	1170	60	48	35	42	JNL 3184 GF	TS 96	ETS 96
	460	420	810	410	130	1000	260	1170	60	48	35	42	JNL 3184 GL	TS 96	ETS 96
	470	440	880	440	145	1070	260	1280	60	48	35	42	JNL 3284 GF	TS 530/460	ETS 530
	470	440	880	440	145	1070	260	1280	60	48	35	42	JNL 3284 GL	TS 530/460	ETS 530
	400	360	715	360	120	870	220	1040	50	42	30	36	JNL 4084 GF	TS 96	ETS 96
	400	360	715	360	120	870	220	1040	50	42	30	36	JNL 4084 GL	TS 96	ETS 96

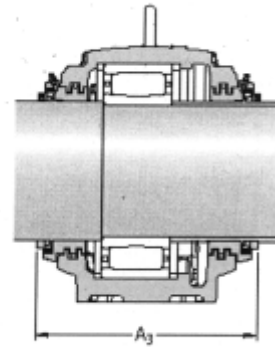


Shaft Dia		Bearing Seat	Width across seals			Eye bolts According to DIN 580	Appropriate bearings and associated component Spherical roller bearing CARB bearing Locating rings	
d _a	d _b	C _a	D _a	A ₂	A ₃			
mm	mm			mm	mm			
340	360	197	520	380	461	M 30	23068 CC/W33 24068 CC/W33	4 FRB 16/520 2 FRB 8.5/520
	360	190	580	410	491	M 30	23168 CC/W33	-
	360	210	580	410	491	M 30	23168 CC/W33	-
	370	224	620	410	491	M 36	23268 CA/W33	-
	370	224	620	410	491	M 36	23268 CA/W33	-
360	380	198	540	380	461	M 30	23072 CC/W33 24072 CC/W33	4 FRB 16/540 2 FRB 9/540
	380	192	600	410	491	M 36	23172 CC/W33	-
	380	212	600	410	491	M 36	23172 CC/W33	-
	390	232	650	440	521	M 42	23272 CA/W33	-
	390	252	650	440	521	M 42	23272 CA/W33	-
	390	220	650	440	521	M 42	22272 CC/W33	2 FRB 25/650
380	400	135	560	410	492	M 30	23076 CC/W33	
	400	180	560	410	492	M 30	23076 CC/W33	
	400	194	620	410	491	M 36	23176 CA/W33	
	400	214	620	410	491	M 36	23176 CA/W33	
	410	240	680	470	552	M 42	23276 CA/W33	
	410	260	680	470	552	M 42	23276 CA/W33	
	400	180	560	410	491	M 30	24076 CC/W33	
	400	200	560	410	491	M 30	24076 CC/W33	
400	430	148	600	410	492	M 36	23080 CC/W33	
	430	192	600	410	492	M 36	23080 CC/W33	
	430	200	650	440	521	M 42	23180 CA/W33	
	430	220	650	440	521	M 42	23180 CA/W33	
	430	256	720	470	552	M 42	23280 CA/W33	
	430	276	720	470	552	M 42	23280 CA/W33	
	430	200	600	410	491	M 36	24080 ECCJ/W33	
	430	220	600	410	491	M 36	24080 ECCJ/W33	
420	450	150	620	410	492	M 36	23084 CA/W33	
	450	194	620	410	492	M 36	23084 CA/W33	
	450	224	700	470	551	M 42	23184 CJ/W33	
	450	244	700	470	551	M 42	23184 CJ/W33	
	460	272	760	480	562	M 48	23284 CA/W33	
	460	292	760	480	562	M 48	23284 CA/W33	
	450	200	620	410	492	M 36	24084 ECA/W33	
	450	220	620	410	492	M 36	24084 ECA/W33	

Large JNL plumber block housings for bearings with a cylindrical bore

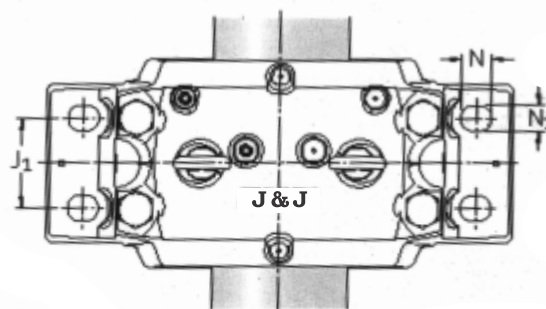
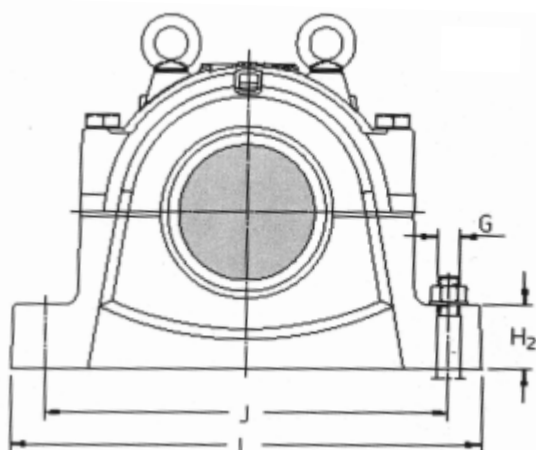


Labyrinth seals. TS design



Taconite seals, TNF design

Shaft Dia da mm	Housing Dimensions (mm)												Designation Housing Only	Seal	End Cover
	A	A ₁	H	H ₁	H ₂	J	J ₁	L	N	N ₁	S	G			
440	430	390	775	380	125	950	240	1120	60	48	30	42	JNL 3088 GF	TS 500	ETS 500
	430	390	775	380	125	950	240	1120	60	48	30	42	JNL 3088 GL	TS 500	ETS 500
	460	430	835	420	135	1030	260	1220	60	48	35	42	JNL 3188 GF	TS 500	ETS 500
	460	430	835	420	135	1030	260	1220	60	48	35	42	JNL 3188 GL	TS 500	ETS 500
	470	440	920	460	155	1110	260	1330	70	56	35	48	JNL 3288 GF	TS 560/480	ETS 560
	470	440	920	460	155	1110	260	1330	70	56	35	48	JNL 3288 GL	TS 560/480	ETS 560
	430	390	775	380	125	950	240	1120	60	48	30	42	JNL 4088 GF	TS 500	ETS 500
	430	390	775	380	125	950	240	1120	60	48	30	42	JNL 4088 GL	TS 500	ETS 500
460	460	420	810	410	130	1000	260	1170	60	48	35	42	JNL 3092 GF	TS 530	ETS 530
	460	420	810	410	130	1000	260	1170	60	48	35	42	JNL 3092 GL	TS 530	ETS 530
	470	440	880	440	145	1070	260	1280	60	48	35	42	JNL 3192 GF	TS 530	ETS 530
	470	440	880	440	145	1070	260	1280	60	48	35	42	JNL 3192 GL	TS 530	ETS 530
	460	420	810	410	130	1000	260	1170	60	48	35	42	JNL 4092 GF	TS 530	ETS 530
	460	420	810	410	130	1000	260	1170	60	48	35	42	JNL 4092 GL	TS 530	ETS 530
480	460	420	810	410	130	1000	260	1170	60	48	35	42	JNL 3096 GF	TS 530/510	ETS 530
	460	420	810	410	130	1000	260	1170	60	48	35	42	JNL 3096 GL	TS 530/510	ETS 530
	470	440	920	460	155	1110	260	1330	70	56	35	48	JNL 3196 GF	TS 560/520	ETS 560
	470	440	920	460	155	1110	260	1330	70	56	35	48	JNL 3196 GL	TS 560/520	ETS 560
	460	420	810	410	130	1000	260	1170	60	48	35	42	JNL 4096 GF	TS 530/510	ETS 530
	460	420	810	410	130	1000	260	1170	60	48	35	42	JNL 4096 GL	TS 530/510	ETS 530
500	460	430	835	420	135	1030	260	1220	60	48	35	42	JNL 30/500 GF	TS 560	ETS 560
	460	430	835	420	135	1030	260	1220	60	48	35	42	JNL 30/500 GL	TS 560	ETS 560
	460	430	835	420	135	1030	260	1220	60	48	35	42	JNL 40/500 GF	TS 560	ETS 560
	460	430	835	420	135	1030	260	1220	60	48	35	42	JNL 40/500 GL	TS 560	ETS 560
530	470	440	920	460	155	1110	260	1330	70	56	35	48	JNL 30/530 GF	TS 600	ETS 600
	470	440	920	460	155	1110	260	1330	70	56	35	48	JNL 30/530 GL	TS 600	ETS 600
	470	440	920	460	155	1110	260	1330	70	56	35	48	JNL 40/530 GF	TS 600	ETS 600
	470	440	920	460	155	1110	260	1330	70	56	35	48	JNL 40/530 GL	TS 600	ETS 600



Shaft Dia		Bearing Seat	Width across seals			Eye bolts According to DIN 580	Appropriate bearings and associated component Spherical roller bearing CARB bearing Locating rings	
d _a	d _b	C _a	D _a	A ₂	A ₃			
mm	mm			mm	mm			
440	470	157	650	440	522	M 42	23088 CA/W33	
	470	200	650	440	522	M 42	23088 CA/W33	
	470	226	720	470	522	M 42	23188 CA/W33	
	470	246	720	470	522	M 42	23188 CA/W33	
	480	280	790	480	561	M 48	23288 CA/W33	
	480	300	790	480	561	M 48	23288 CA/W33	
	470	212	650	440	522	M 42	24088 ECA/W33	
	470	232	650	440	522	M 42	24088 ECA/W33	
460	500	163	680	470	552	M 42	23092 CA/W33	
	500	224	680	470	552	M 42	23092 CA/W33	
	500	240	760	480	562	M 48	23192 CA/W33	
	500	260	760	480	562	M 48	23192 CA/W33	
	500	218	680	470	552	M 42	24092 ECA/W33	
	500	238	680	470	552	M 42	24092 ECA/W33	
480	510	165	700	470	561	M 42	23096 CA/W33	
	510	224	700	470	561	M 42	23096 CA/W33	
	520	248	790	480	561	M 48	23196 CA/W33	
	520	268	790	480	561	M 48	23196 CA/W33	
	510	218	700	470	551	M 42	24096 ECA/W33	
	510	238	700	470	551	M42	24096 ECA/W33	
500	530	167	720	470	551	M 42	230/500 CA/W33	
	530	226	720	470	551	M 42	230/500 CA/W33	
	530	218	720	470	551	M 42	240/500 ECA/W33	
	530	238	720	470	551	M 42	240/500 ECA/W33	
530	560	185	780	480	551	M 48	230/530 CA/W33	
	560	248	780	480	551	M 48	230/530 CA/W33	
	560	250	780	480	551	M 48	240/530 ECA/W33	
	560	270	780	480	551	M 48	240/530 ECA/W33	