



SNL Series
500 | 600 | 200 | 300

SNL SERIES - SPLIT BEARING HOUSINGS

DESCRIPTION

SNL Series Bearing Housings are precision-machined split plummer block housings designed to provide reliable bearing support, easy maintenance, and long service life in industrial rotating machinery. The split design allows easy mounting, inspection, lubrication, and bearing replacement without removing the complete shaft assembly.

DESIGN & CONSTRUCTION

JAYCO SNL Housings are manufactured with a horizontally split body consisting of base and cap. The housing is designed with strong construction, proper wall thickness, and precision-machined bearing seating area for accurate alignment and uniform load distribution. The base and cap are matched during machining to maintain proper bore accuracy and assembly fitment.

LUBRICATION

Suitable lubrication provisions are provided for smooth bearing operation. Grease lubrication is standard, and oil filling, drain plug, grease nipple, and lubrication hole arrangements can be provided as per application requirement.

MATERIAL

JAYCO SNL Series can be supplied in:
Cast Iron | S.G Iron / Ductile Iron | Cast Steel

Material selection depends on load, vibration, speed, shock load, temperature, and working condition.

BEARING ARRANGEMENT

JAYCO SNL Housings are suitable for spherical roller bearings and self-aligning ball bearings with adapter sleeve mounting or direct shaft mounting. Locating and non-locating arrangements can be supplied with suitable seals, end covers, locating rings, adapter sleeves, lock nuts, and lock washers.

SERIES RANGE

Available in suitable bearing and shaft combinations, including:
SNL 200 | SNL 300 | SNL 500 | SNL 600 Series

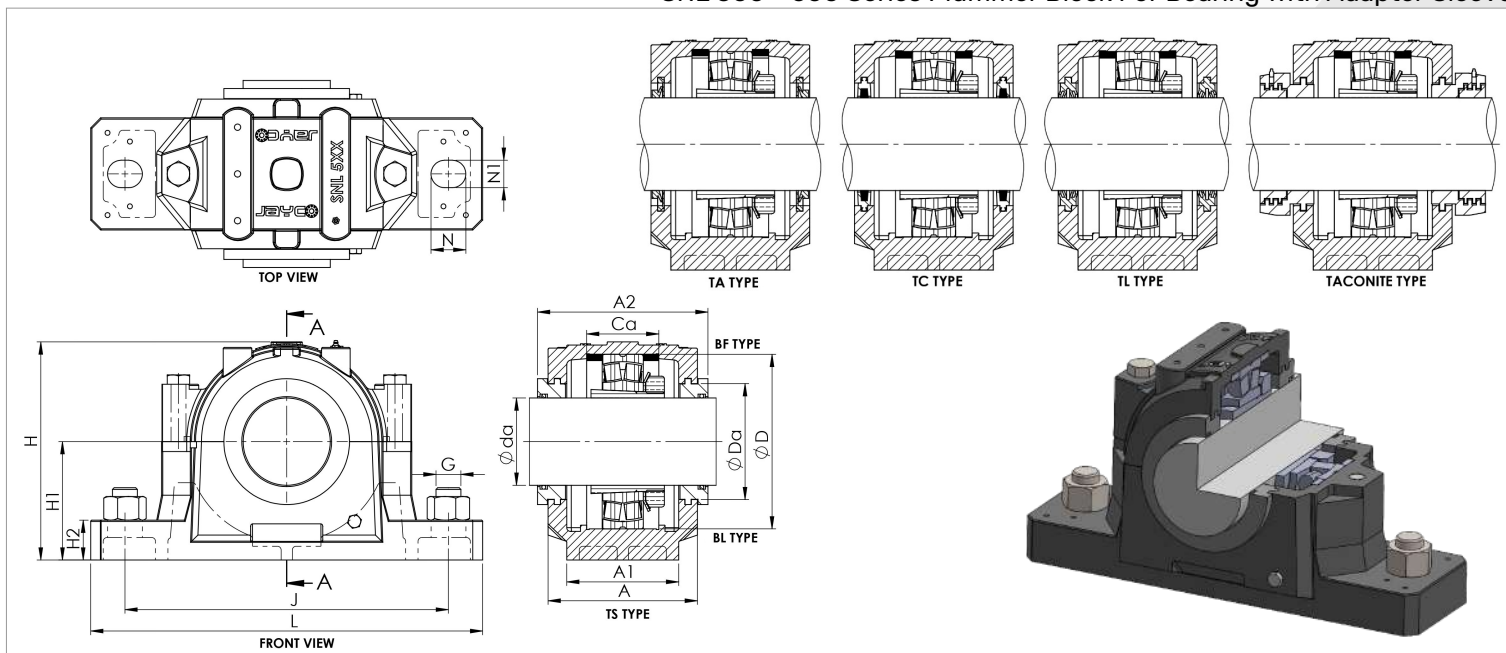
Customized designs can also be supplied as per bearing number, shaft size, seal type, and customer drawing.

MOUNTING

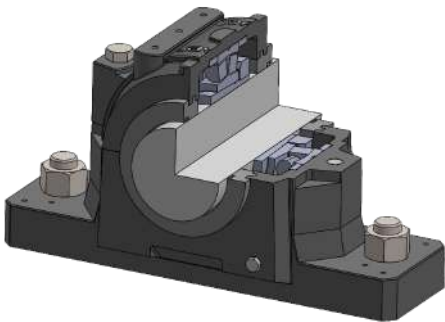
JAYCO SNL Housings are foot-mounted type and are suitable for installation on rigid machine foundations. Two-bolt or four-bolt mounting arrangements can be provided depending on housing size and application requirement.

APPLICATION

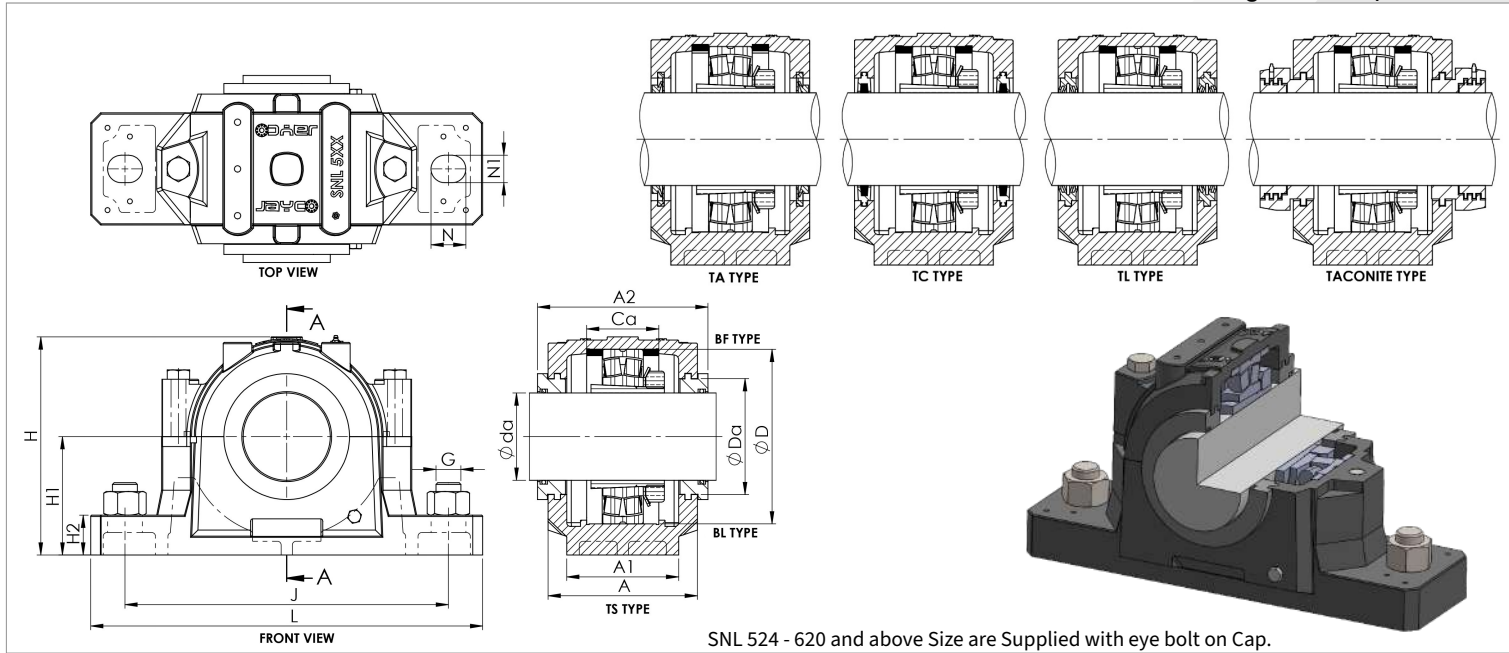
Suitable for conveyors, crushers, cement plants, steel plants, mining equipment, power plants, paper mills, sugar mills, chemical plants, fans, blowers, material handling equipment, and general heavy-duty machinery.



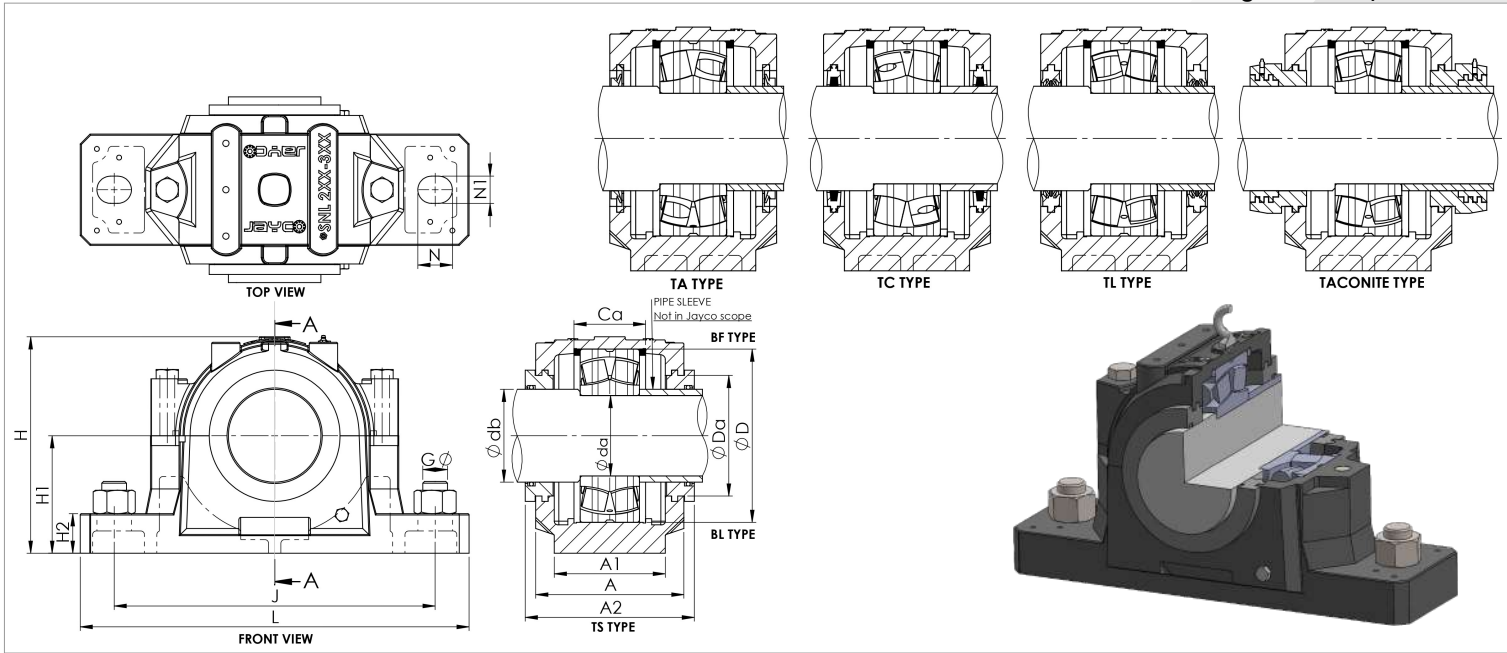
Plummer Block Designation	Shaft Diameter da	Dimensions are in mm														Suitable bearing	Adapter Sleeve	Locating ring Size 2 Nos. per Housing
		A	A1	A2	Da	H	H1	H2	J	L	Ca	N	N1	G	D			
SNL 505	20	67	46	80	31.5	74	40	19	130	165	25	20	15	12	52	1205 EK	H 205	5/52
																2205 EK	H 305	3.5/52
																22205 EK	H 305	3.5/52
SNL 506	25	77	52	89	36.5	89	50	22	150	185	32	20	15	12	62	1206 EK	H 206	8/62
																2206 EK	H 306	6/62
																22206 EK	H 306	6/62
SNL 605	20	77	52	89	36.5	89	50	22	150	185	32	20	15	12	62	1305 EK	H 305	7.5/62
																2305 EK	H 2305	4/62
																1207 EK	H 207	8.5/72
SNL 507	30	83	52	94	46.5	93	50	22	150	185	34	20	15	12	72	2207 EK	H 307	5.5/72
																22207 EK	H 307	5.5/72
																1306 EK	H 306	7.5/72
SNL 606	25	83	52	94	46.5	93	50	22	150	185	34	20	15	12	72	2306 EK	H 2306	3.5/72
																1208 EK	H 208	10.5/80
																2208 EK	H 308	8/80
SNL 508	35	85	60	97	51.5	108	60	25	170	205	39	20	15	12	80	22208 EK	H 308	8/80
																1307 EK	H 307	9/80
																2307 EK	H 2307	4/80
SNL 607	30	85	60	97	56.5	109	60	25	170	205	30	20	15	12	85	1209 EK	H 209	5.5/85
																2209 EK	H 309	3.5/85
																22209 EK	H 309	3.5/85
SNL 509	40	85	60	97	56.5	109	60	25	170	205	30	20	15	12	85	1210 EK	H 210	10.5/90
																2210 EK	H 310	9/90
																22210 EK	H 310	9/90
SNL 510	45	90	60	102	62	113	60	25	170	205	41	20	15	12	90	1308 EK	H 308	9/90
																2308 EK	H2308	4/90
																21308 CCK	H 308	9/90
SNL 608	35	90	60	102	62	113	60	25	170	205	41	20	15	12	90	22308 CCK	H 2308	4/90
																1211 EK	H 211	11.5/100
																2211 EK	H 311	9.5/100
SNL 511	50	95	70	107	67	128	70	28	210	255	44	24	18	16	100	22211 EK	H 311	9.5/100
																1309 EK	H 309	9.5/100
																2309 EK	H 2309	4/100
SNL 609	40	95	70	107	67	128	70	28	210	255	44	24	18	16	100	21309 CCK	H 309	9.5/100
																22309 EK	H 2309	4/100
																22309 EK	H 2309	4/100



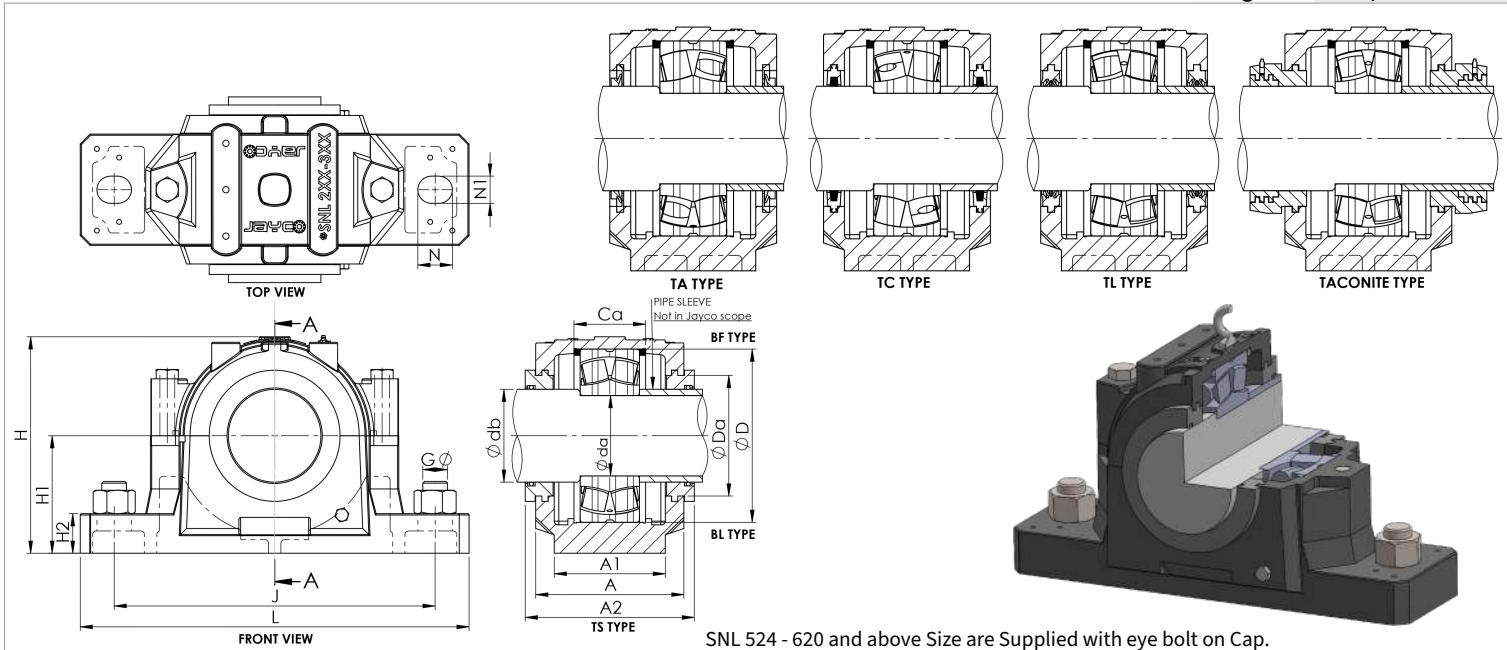
www.jaycohousing.com



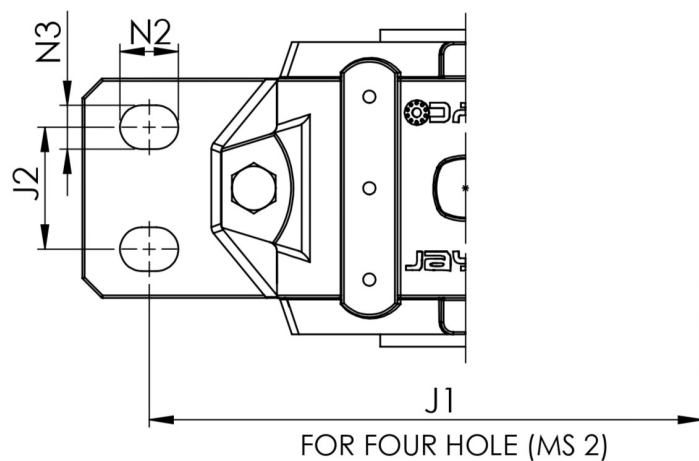
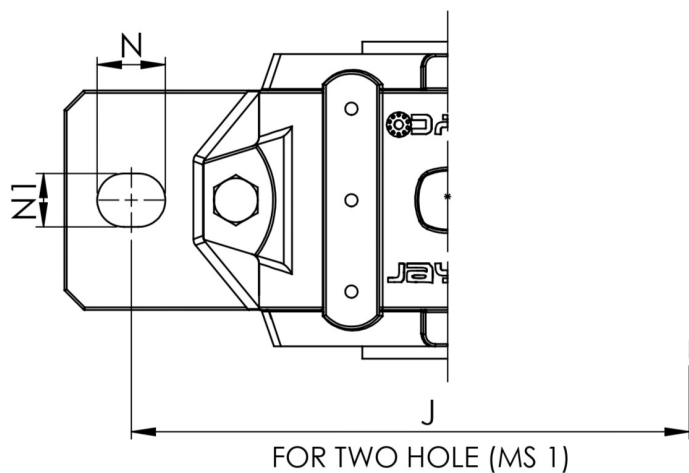
Plummer Block Designation	Shaft Diameter da	Dimensions are in mm														Suitable bearing	Adapter Sleeve	Locating ring Size 2 Nos. per Housing
		A	A1	A2	Da	H	H1	H2	J	L	Ca	N	N1	G	D			
SNL 519	85	145	100	163	131	212	112	35	290	345	68	28	22	20	170	1219 EK	H 219	18/170
																2219 EK	H 319	12.5/170
																22219 EK	H 319	12.5/170
																1316 EK	H 316	14.5/170
																2316 EK	H 2316	5/170
SNL 616	70															21316 CCK	H 316	14.5/170
																22316 EK	H 2316	5/170
SNL 520	90	160	110	178	137.5	218	112	40	320	380	70	32	26	24	180	1220 EK	H 220	18/180
																2220 EK	H 320	12/180
																22220 EK	H 320	12/180
																23220 CCK	H 2320	4.85/180
																1317 EK	H 317	14.5/180
SNL 617	75															2317 EK	H 2317	5/180
																21317 CCK	H 317	14.5/180
																22317 EK	H 2317	5/180
SNL 522	100	175	120	191	147.5	242	125	45	350	410	80	32	26	24	200	1222 EK	H 222	21/200
																2222 EK	H 322	13.5/200
																22222 EK	H 322	13.5/200
																23222 EK	H 2322	5.1/200
																1319 EK	H 319	17.5/200
SNL 619	85															2319 EK	H 2319	6.5/200
																21319 CCK	H 319	17.5/200
																22319 EK	H 2319	6.5/200
SNL 524	110	185	120	199	157.5	271	140	45	350	410	86	32	26	24	215	1224 EK	H 3124	22/215
																22224 EK	H 3124	14/215
																23224 CCK	H 2324	5/215
																1320 EK	H 320	19.5/215
																2320 EK	H 2320	6.5/215
SNL 620	90															21320 CCK	H 320	19.5/215
																22320 EK	H 2320	6.5/215
SNL 526	115	190	130	208	167.5	290	150	50	380	445	90	35	28	24	230	22226 EK	H 3126	13/230
																23226 CCK	H 2326	5/230
SNL 528	125	205	150	223	177.5	302	150	50	420	500	98	42	35	30	250	22228 CCK	H 3128	15/250
																23228 CCK	H 2328	5/250
SNL 530	135	220	160	241	192.5	323	160	60	450	530	106	42	35	30	270	22230 CCK	H 3130	16.5/270
																23230 CCK	H 2330	5/270
SNL 532	140	235	160	254	202.5	344	170	60	470	550	114	42	35	30	290	22232 CCK	H 3132	17/290
																23232 CCK	H 2332	5/290



Plummer Block Designation	Shaft Diameter		Dimensions are in mm														Suitable bearing	Locating ring Size 2 Nos. per Housing
	da	db	A	A1	A2	Da	H	H1	H2	J	L	Ca	N	N1	G	D		
SNL 205	25	30	67	46	80	36.5	74	40	19	130	165	25	20	15	12	52	1205 E	5/52
																	2205 E	3.5/52
																	22205 E	3.5/52
SNL 206	30	35	77	52	89	46.5	89	50	22	150	185	32	20	15	12	62	1206 E	8/62
																	2206 E	6/62
																	22206 E	6/62
SNL 305	25	30	83	52	96	56.5	93	50	22	150	185	34	20	15	12	72	1305 E	7.5/62
																	2305 E	4/62
																	1207 E	8.5/72
SNL 207	35	45	83	52	96	56.5	93	50	22	150	185	34	20	15	12	72	2207 E	5.5/72
																	22207 E	5.5/72
																	1306 E	7.5/72
SNL 306	30	35	83	52	94	56.5	93	50	22	150	185	34	20	15	12	72	2306 E	3.5/72
																	1208 E	10.5/80
																	2208 E	8/80
SNL 208	40	50	85	60	99	62	108	60	25	170	205	39	20	15	12	80	22208 E	8/80
																	1307 E	9/80
																	2307 E	4/80
SNL 307	35	45	85	60	97	67	109	60	25	170	205	30	20	15	12	85	1209 E	5.5/85
																	2209 E	3.5/85
																	22209 E	3.5/85
SNL 209	45	55	85	60	97	67	109	60	25	170	205	30	20	15	12	85	1210 E	10.5/90
																	2210 E	9/90
																	22210 E	9/90
SNL 210	50	60	90	60	102	72	113	60	25	170	205	41	20	15	12	90	1308 E	9/90
																	2308 E	4/90
																	21308 CC	9/90
SNL 308	40	50	90	60	102	72	113	60	25	170	205	41	20	15	12	90	22308 CC	4/90
																	1211 E	11.5/100
																	2211 E	9.5/100
SNL 211	55	65	95	70	107	77	128	70	28	210	255	44	24	18	16	100	22211 E	9.5/100
																	1309 E	9.5/100
																	2309 E	4/100
SNL 309	45	55	95	70	107	77	128	70	28	210	255	44	24	18	16	100	21309 CC	9.5/100
																	22309 E	4/100
																	22309 E	4/100



Plummer Block Designation	Shaft Diameter		Dimensions are in mm														Suitable bearing	Locating ring Size 2 Nos. per Housing
	da	db	A	A1	A2	Da	H	H1	H2	J	L	Ca	N	N1	G	D		
SNL 212	60	70	105	70	117	87	134	70	30	210	255	48	24	18	16	110	1212 E	13/110
																	2212 E	10/110
																	22212 E	10/110
																	1310 E	10.5/110
																	2310 E	4/110
																	21310 CC	10.5/110
SNL 310	50	60															22310 E	4/110
SNL 213	65	75	110	80	128	92.5	150	80	30	230	275	51	24	18	16	120	1213 E	14/120
																	2213 E	10/120
																	22213 C	10/120
																	1311 E	11/120
																	2311 E	4/120
																	21311 E	11/120
SNL 311	55	65															22311 E	4/120
SNL 215	75	85	115	80	133	102.5	156	80	30	230	280	56	24	18	16	130	1215 E	15.5/130
																	2215 E	12.5/130
																	22215 E	12.5/130
																	1312 E	12.5/130
																	2312 E	5/130
																	21312 E	12.5/130
SNL 312	60	70															22312 E	5/130
SNL 216	80	90	120	90	138	108	177	95	32	260	315	58	28	22	20	140	1216 E	16/140
																	2216 E	12.5/140
																	22216 E	12.5/140
																	1313 E	12.5/140
																	2313 E	5/140
																	21313 CC	12.5/140
SNL 313	65	75															22313 E	5/140
SNL 217	85	95	125	90	143	112	183	95	32	260	320	61	28	22	20	150	1217 E	16.5/150
																	2217 E	12.5/150
																	22217 E	12.5/150
																	1314 E	13/150
																	2314 E	5/150
																	21314 CC	13/150
SNL 314	70	80															22314 E	5/150
SNL 218	90	100	140	100	158	120	194	100	35	290	345	65	28	22	20	160	1218 E	17.5/160
																	2218 E	12.5/160
																	22218 E	12.5/160
																	23218 CC	6.25/160
																	1315 E	14/160
																	2315 E	5/160
SNL 315	75	85															21315 CC	14/160
																	22315 E	5/160



HOUSINGS	MS - 1				MS - 2				
	Dimension for Two Hole Base			Suitable Bolt Size	Dimension for Four Hole Base				Suitable Bolt Size
	J	N	N1		J1	J2	N2	N3	
SNL 511-609	210	24	18	M 16	210	35	20	15	M 12
SNL 512-610	210	24	18	M 16	210	35	20	15	M 12
SNL 513-611	230	24	18	M 16	230	40	20	15	M 12
SNL 515-612	230	24	18	M 16	230	40	20	15	M 12
SNL 516-613	260	28	22	M 20	260	50	24	18	M 12
SNL 517-614	260	28	22	M 20	260	50	24	18	M 12
SNL 518-615	290	28	22	M 20	290	54	24	18	M 16
SNL 519-616	290	28	22	M 20	290	54	24	18	M 16
SNL 520-617	320	32	26	M 24	320	60	24	18	M 16
SNL 522-619	350	32	26	M 24	350	70	24	18	M 16
SNL 524-620	350	32	26	M 24	350	70	24	18	M 16
SNL 526	380	35	28	M 24	380	70	28	22	M 20
SNL 528	420	42	35	M 30	420	80	32	26	M 24
SNL 530	450	42	35	M 30	450	90	32	26	M 24
SNL 532	470	42	35	M 30	470	90	32	26	M 24

RECOMMENDED TIGHTENING TORQUE FOR CAP BOLTS & FOUNDATION BOLTS FOR SNL SERIES PLUMMER BLOCK.

SNH 500 - 600 SERIES	SNH 200 - 300 SERIES	VALUES FOR CAP BOLTS		VALUES FOR FOUNDATION BOLTS		RECOMMENDED INITIAL GREASE FILLED QUANTITY	
		Bolt Size	Tightening Torque Nm	Bolt Size	Tightening Torque Nm	First Fill 40 % Gram	First fill 20 % Gram
SNL 505	SNL 205	M 10X40	50	M 12	80	25	15
SNL 506 - 605	SNH 206 - 305	M 10X 40	50	M 12	80	40	25
SNL 507 - 606	SNL 207 - 306	M 10X50	50	M 12	80	50	30
SNL 508 - 607	SNL 208 - 307	M 10X50	50	M 12	80	60	35
SNL 509	SNL 209	M 10X50	50	M 12	80	65	40
SNL 510 - 608	SNL 210 - 308	M 10X55	50	M 12	80	75	45
SNL 511 - 609	SNL 211 - 309	M 12X60	80	M 16	200	100	60
SNL 512 - 610	SNL 212 - 310	M 12X60	80	M 16	200	150	90
SNL 513 - 611	SNL 213 - 311	M 12X65	80	M 16	200	180	110
SNL 515 - 612	SNL 215 - 312	M 12X65	80	M 20	385	230	140
SNL 516 - 613	SNL 216 - 313	M 12X70	80	M 20	385	280	170
SNL 517 - 614	SNL 217 - 314	M 12X80	80	M 20	385	330	200
SNL 518 - 615	SNL 218 - 315	M 16X90	150	M 20	385	430	260
SNL 519 - 616	SNL 219 - 316	M 16X90	150	M 20	385	480	300
SNL 520 - 617	SNL 220 - 317	M 16X100	150	M 24	385	630	390
SNL 522 - 619	SNL 222 - 319	M 20X100	200	M 24	665	850	530
SNL 524 - 620	SNL 224 - 320	M 20X110	200	M 24	665	1000	630
SNL 526	SNL 226	M 24X130	350	M 24	665	1100	700
SNL 528	SNL 228	M 24X130	350	M 30	1310	1400	900
SNL 530	SNL 230	M 24X130	350	M 30	1310	1700	1100
SNL 532	SNL 232	M 24X130	350	M 30	1310	2000	1300