

JAYCO



SN Series
500 | 600 | 200 | 300

JAYCO SN 500 & SN 600 | SN 200, SN 300 SERIES PLUMMER BLOCKS

DESCRIPTION

JAYCO SN Series Plummer Blocks are robust, horizontally split bearing housings designed to support self-aligning ball bearings and spherical roller bearings. Their split construction allows convenient installation, inspection and replacement of the bearing without removing the shaft. These housings provide reliable bearing protection, efficient load transmission and long service life under demanding industrial operating conditions.

DESIGN & CONSTRUCTION

The housing consists of a precision-machined base and matching cap, securely joined by high-tensile cap bolts. The rigid body and reinforced base provide excellent strength, stability and heat dissipation. Standard housings are supplied with two foundation-bolt mounting slots; four-bolt configurations can be offered for selected sizes.

Depending on the application, the housings can be equipped with felt seals, rubber lip seals, V-ring seals, labyrinth seals, Taconite seals or end covers. Provision for grease nipples, lubricant outlets and condition-monitoring connections can also be provided.

LUBRICATION

Grease lubrication is recommended for most normal operating conditions. Each housing is provided with a suitable relubrication point to ensure that lubricant reaches the bearing effectively.

For high-speed, high-temperature or continuous-duty applications, specially engineered housings suitable for oil-bath or circulating-oil lubrication can be supplied on request. Lubricant type, quantity and relubrication interval should be selected according to the bearing size, operating speed, load and working environment.

MATERIAL

Standard JAYCO SN Series housings are manufactured from high-grade grey cast iron conforming to IS 210, Grade FG 220 or FG 260. For applications involving heavy loads, shock loads or severe operating conditions, housings can also be manufactured from:

Spheroidal Graphite Iron (SG Iron)

Cast Steel conforming to IS 1030, Grade 280–520 W/N

Other special materials against specific technical requirements

BEARING ARRANGEMENT

These housings are suitable for self-aligning ball bearings and spherical roller bearings, which can accommodate moderate shaft misalignment.

SN 500 and SN 600 Series : Generally used with tapered-bore bearings mounted on plain shafts using adapter sleeves, lock nuts and lock washers.

SN 200 and SN 300 Series : Generally used with cylindrical-bore bearings mounted directly on stepped shaft seats.

The standard housing seat permits the bearing outer ring to move axially for a non-locating or floating arrangement. A locating or fixed bearing arrangement can be created by fitting suitable FRB locating rings on both sides of the bearing outer ring.

JAYCO SN 500 & SN 600 | SN 200, SN 300 SERIES PLUMMER BLOCKS

APPLICATION

JAYCO SN Series Plummer Blocks are widely used in conveyors, crushers, vibrating screens, fans, blowers, rolling mills, bucket elevators, material-handling systems, textile machinery, agricultural equipment and other heavy-duty rotating machinery. They are especially suitable for cement, steel, mining, power, paper, sugar, bulk-material handling and general engineering industries.

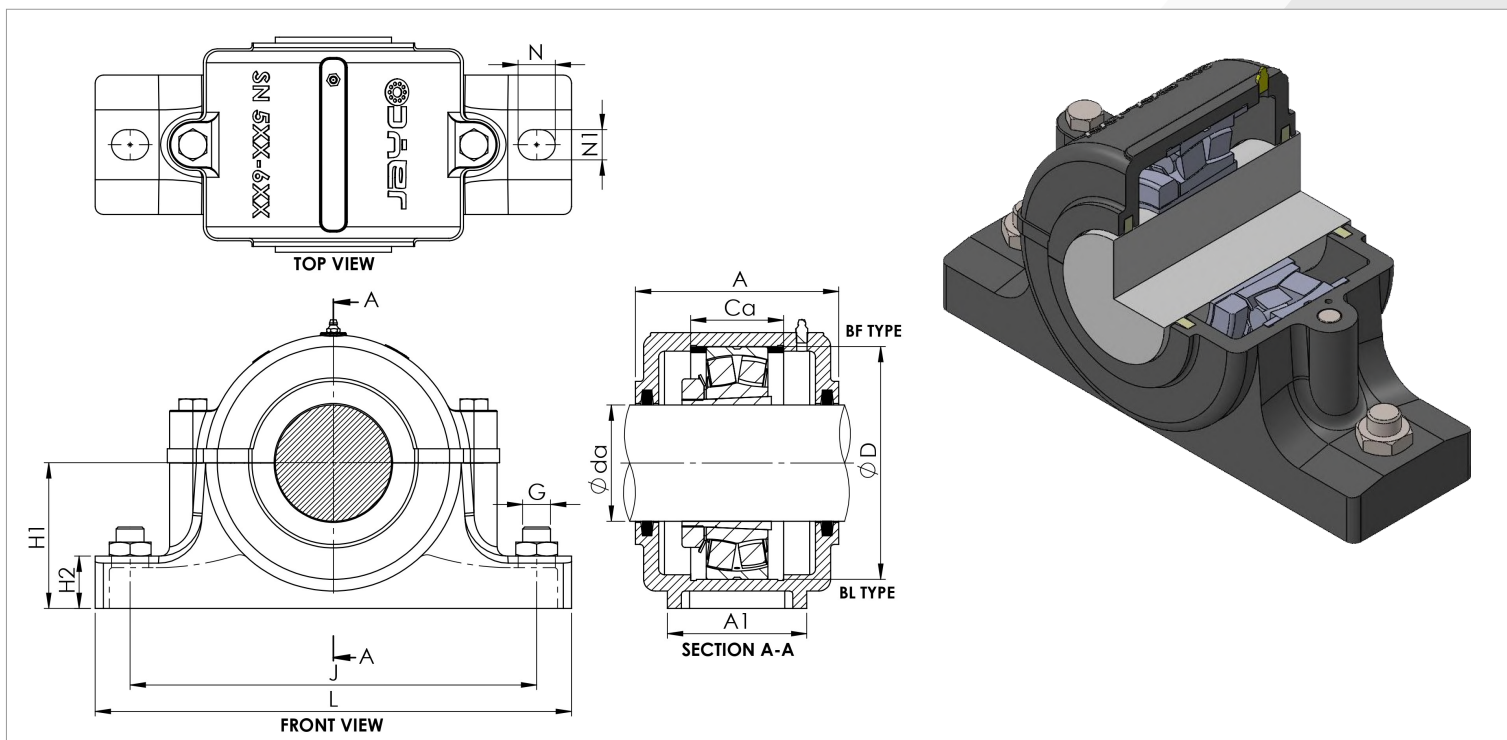
SERIES RANGE

Housing Series	Typical Bearing Families	Standard mounting Arrangement
SN 500 Series	12, 22, 222 and selected 232 Series	Tapered-bore bearing mounted with a suitable adapter sleeve
SN 600 Series	13, 23, 213 and 223 Series	Tapered-bore bearing mounted with a suitable adapter sleeve
SN 200 Series	12, 22, 222 and selected 232 Series	Cylindrical-bore bearing mounted directly on a stepped shaft
SN 300 Series	13, 23, 213 and 223 Series	Cylindrical-bore bearing mounted directly on a stepped shaft

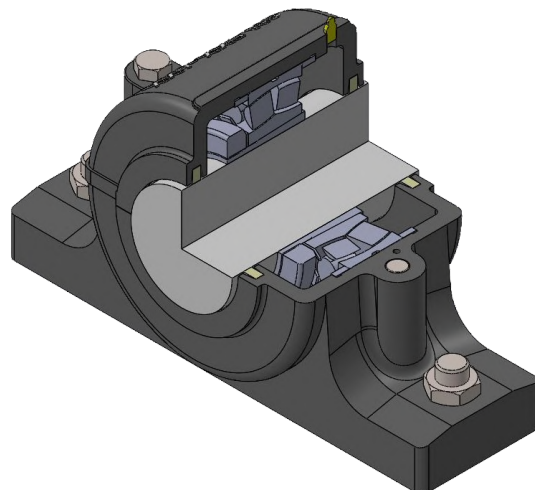
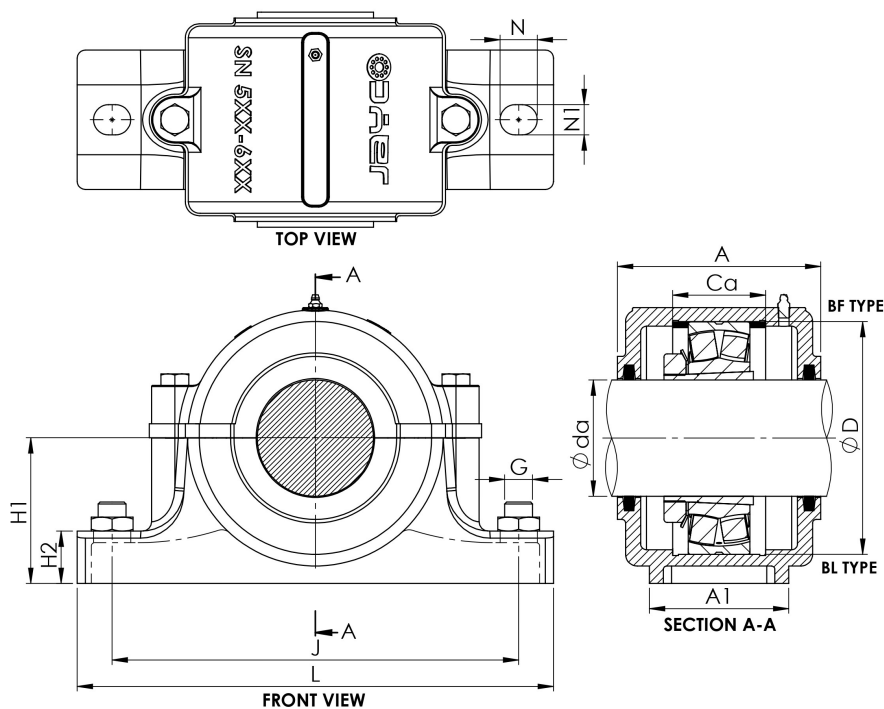
Final selection of the housing, bearing, adapter sleeve, seal and locating ring must be made according to the applicable JAYCO dimensional table.

APPLICATION

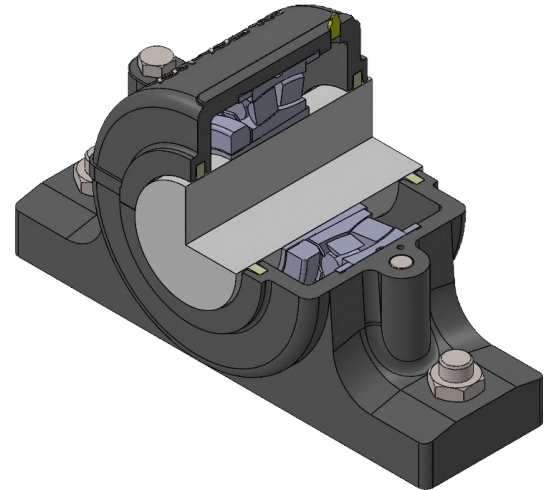
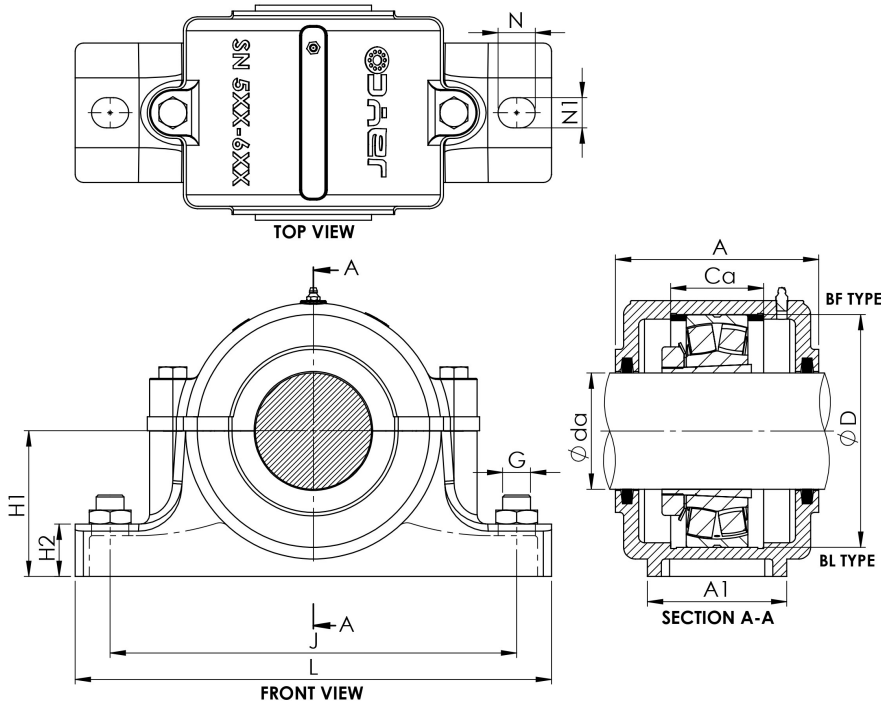
JAYCO SN Series Plummer Blocks are widely used in conveyors, crushers, vibrating screens, fans, blowers, rolling mills, bucket elevators, material-handling systems, textile machinery, agricultural equipment and other heavy-duty rotating machinery. They are especially suitable for cement, steel, mining, power, paper, sugar, bulk-material handling and general engineering industries.



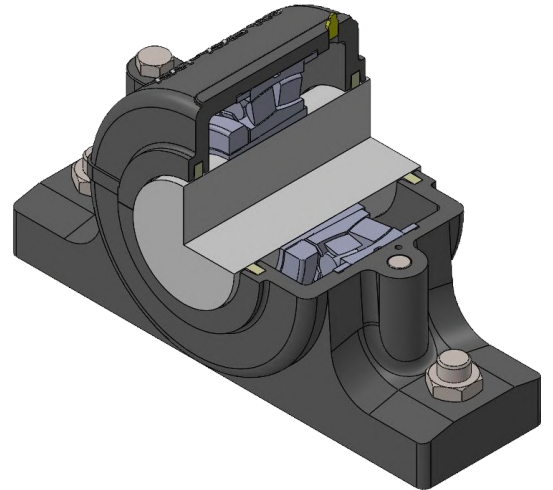
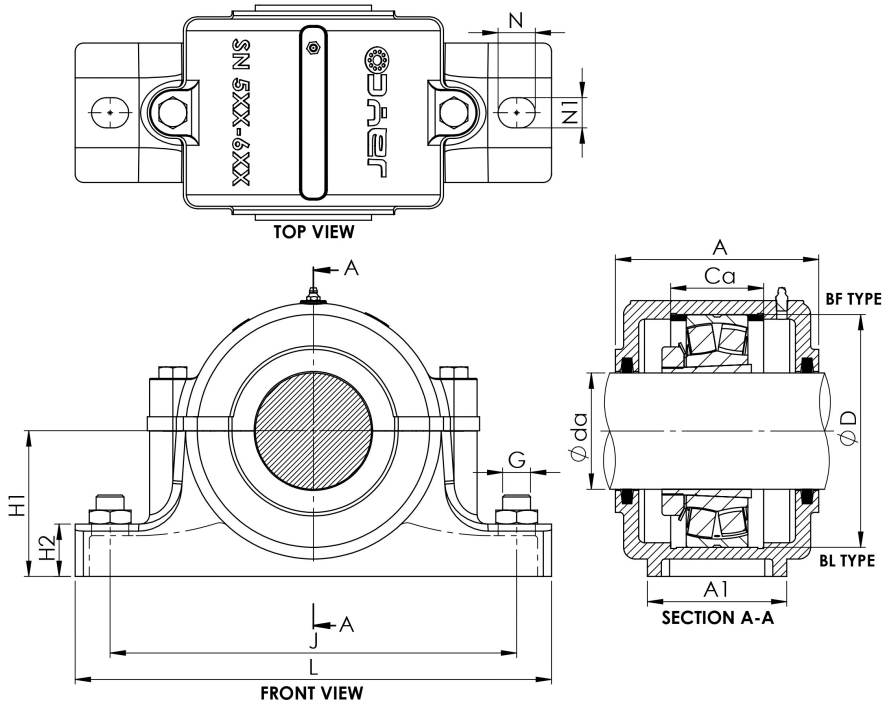
Housing No.	shaft Dia da		Dimensions are in mm											Suitable bearing	Adapter Sleeve	Locating ring Size per Housing	No.	Felt Seal Size
	M.M.	Inch	A	A1	H1	H2	J	L	Ca	N	N1	G	D					
SN 505	20	3/4	67	46	40	19	130	165	25	20	15	12	52	1205 K	H 205	5/52	2	FS 110
														2205 K	H 305	7/52	1	
SN 506	25	1	77	52	50	22	150	185	30	20	15	12	62	1206 K	H 206	7/62	2	FS 190
														2206 K	H 306	10/62	1	
SN 507	30	1.1/8	82	52	50	22	150	185	33	20	15	12	72	1207 K	H 207	8/72	2	FS 190
														2207 K	H 307	10/72	1	
														22207 CK	H 307	10/72	1	
SN 508	35	1.1/4	85	60	60	25	170	205	34	20	15	12	80	1208 K	H 208	8/80	2	FS 190
														2208 K	H 308	11/80	1	
														22208 CK	H 308	11/80	1	
SN 509	40	1.1/2	85	60	60	25	170	205	31	20	15	12	85	1209 K	H 209	6/85	2	FS 190
														2209 K	H 309	8/85	1	
														22209 CK	H 309	8/85	1	
SN 510	45	1.3/4	90	60	60	25	170	205	33	20	15	12	90	1210 K	H 210	6.5/90	2	FS 190
														2210 K	H 310	10/90	1	
														22210 CK	H 310	10/90	1	
SN 511	50	2	95	70	70	28	210	255	33	23	18	16	100	1211 K	H 211	6/100	2	FS 260
														2211 K	H 311	8/100	1	
														22211 CK	H 311	8/100	1	
SN 512	55	2.1/8	105	70	70	30	210	255	38	23	18	16	110	1212 K	H 212	8/110	2	FS 260
														2212 K	H 312	10/110	1	
														22212 CK	H 312	10/110	1	
SN 513	60	2.1/4	110	80	80	30	230	275	43	23	18	16	120	1213 K	H 213	10/120	2	FS 260
														2213 K	H 313	12/120	1	
														22213 CK	H 313	12/120	1	
SN 514	60	2.3/8	115	80	80	28	230	275	41	23	18	16	125	1214 K	H 214	8.5/125	2	FS 260
														2214 K	H 314	5/125	1	
														22214 CK	H 314	5/125	1	
SN 515	65	2.1/2	115	80	80	30	230	280	41	23	18	16	130	1215 K	H 215	8/130	2	FS 260
														2215 K	H 315	10/130	1	
														22215 CK	H 315	10/130	1	
SN 516	70	2.3/4	120	90	95	32	260	315	43	27	22	20	140	1216 K	H 216	8.5/140	2	FS 330
														2216 K	H 316	10/140	1	
														22216 CK	H 316	10/140	1	
SN 517	75	3	125	90	95	32	260	320	46	27	22	20	150	1217 K	H 217	9/150	2	FS 330
														2217 K	H 317	10/150	1	
														22217 CK	H 317	10/150	1	



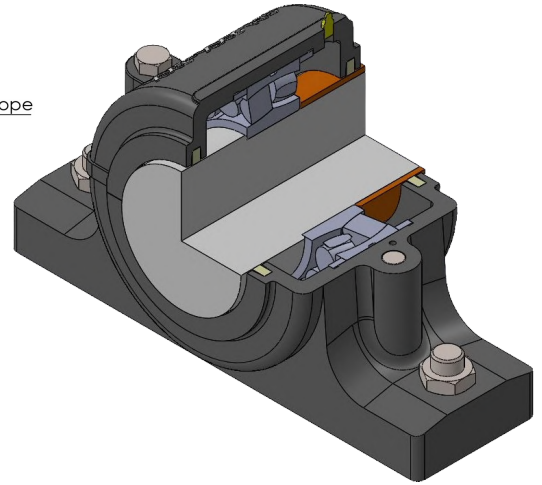
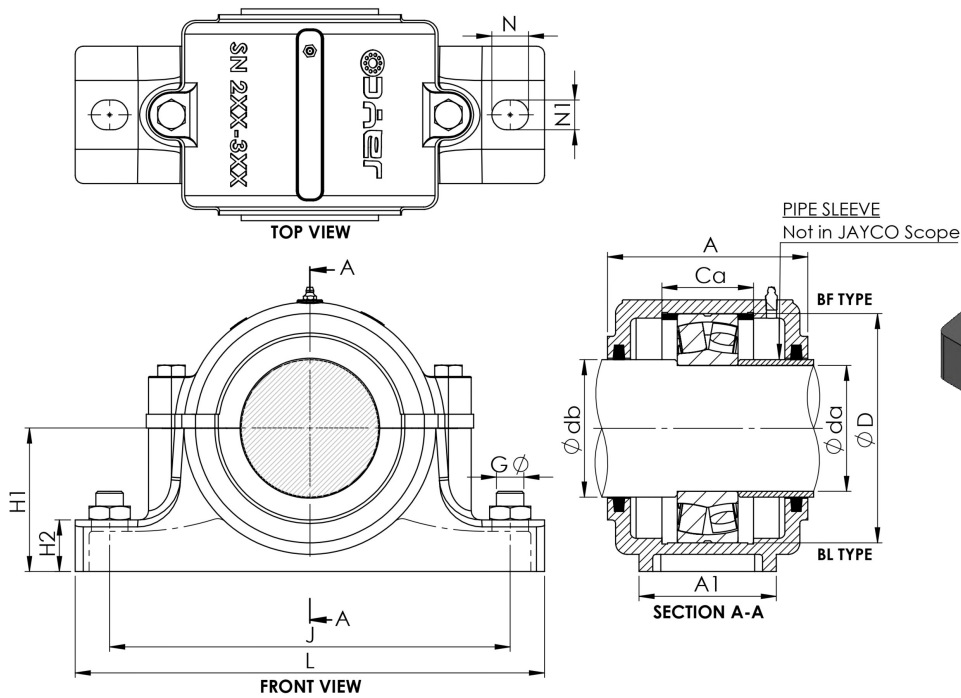
Plummer Block Designation	Shaft Diameter da		Dimensions are in mm											Suitable bearing	Adapter Sleeve	Locating ring Size per Housing	No.	Felt Seal Size
	M.M.	Inch	A	A1	H1	H2	J	L	Ca	N	N1	G	D					
SN 518	80	3.1/4	145	100	100	35	290	345	62	27	22	20	160	1218 K	H 218	16/160	2	FS 330
														2218 K	H 318	11/160	2	
														22218 CK	H 318	11/160	2	
														23218 CK	H 2318	10/160	1	
SN 519	85	3.1/4	145	100	112	35	290	345	53	27	22	20	170	1219 K	H 219	10.5/170	2	FS 330
														2219 K	H 319	10/170	1	
														22219 CK	H 319	10/170	1	
SN 520	90	3.1/2	160	110	112	40	320	380	70	32	26	24	180	1220 K	H 220	18/180	2	FS 370
														2220 K	H 320	12/180	2	
														22220 CK	H 320	12/180	2	
														23220 CK	H 2320	9.7/180	1	
SN 522	100	4	175	120	125	45	350	410	80	32	26	24	200	1222 K	H 222	21/200	2	FS 460
														2222 K	H 322	13.5/200	2	
														22222 CK	H 322	13.5/200	2	
														23222 CK	H 2322	10/200	1	
SN 524	110	4.1/4	185	120	140	45	350	410	86	32	26	24	215	22224 CK	H 3124	14/215	2	FS 460
														23224 CK	H 2324	10/215	1	
SN 526	115	4.1/2	190	130	150	50	380	445	90	35	28	24	230	22226 CK	H 3126	13/230	2	FS 460
														23226 CK	H 2326	10/230	1	
SN 528	125	5	205	150	150	50	420	500	98	42	35	30	250	22228 CK	H 3128	15/250	2	FS 510
														23228 CK	H 2328	10/250	1	
SN 530	135	5.1/4	220	160	160	60	450	530	106	42	35	30	270	22230 CK	H 3130	16.5/270	2	FS 510
														23230 CK	H 2330	10/270	1	
SN 532	140	5.1/2	235	160	170	60	470	550	114	42	35	30	290	22232 CK	H 3132	17/290	2	FS 680
														23232 CK	H 2332	10/290	1	
SN 534	150	6	235	170	180	65	520	620	120	42	35	30	310	22234 CK	H 3134	17/310	2	FS 680
														23234 CK	H 2334	10/310	1	
SN 536	160	6.1/2	245	180	190	65	560	650	122	42	35	30	320	22236 CK	H 3136	18/320	2	FS 680
														23236 CK	H 2336	10/320	1	
SN 538	170	6.3/4	255	190	200	70	580	680	130	50	42	36	340	22238 CK	H 3138	19/340	2	FS 680
														23238 CK	H 2338	10/340	1	
SN 540	180	7	265	200	210	75	610	720	138	50	42	36	360	22240 CK	H 3140	20/360	2	FS 680
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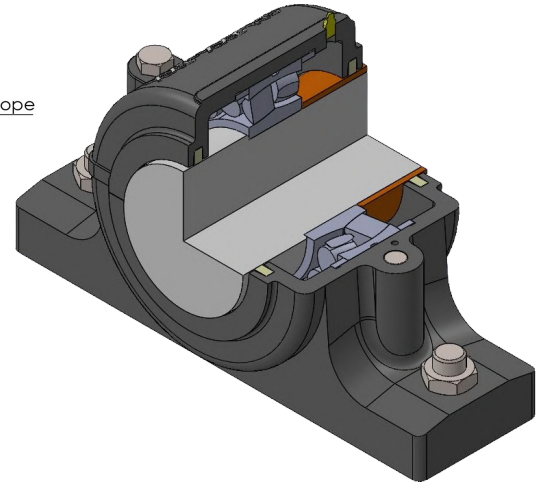
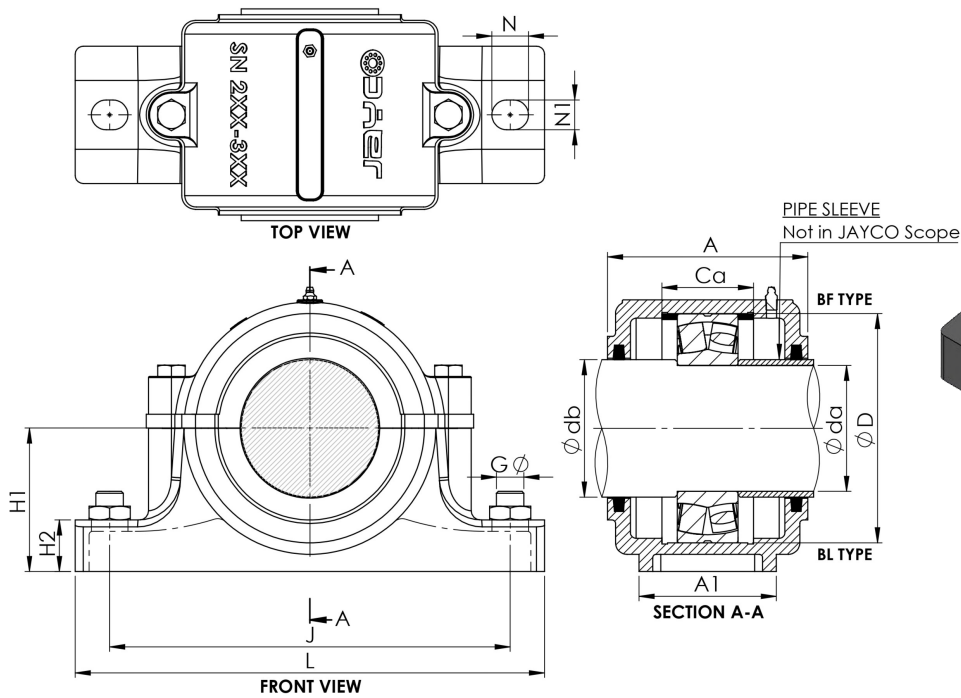
Plummer Block Designation	Shaft Diameter da		Dimensions are in mm											Suitable bearing	Adapter Sleeve	Locating ring Size per Housing	No.	Felt Seal Size
	M.M.	Inch	A	A1	H1	H2	J	L	Ca	N	N1	G	D					
SN 605	20	3/4	80	52	50	22	150	185	34	20	15	12	62	1305 K	H 305	8.5/62	2	FS 110
														2305 K	H 2305	10/62	1	
SN 606	25	1	82	52	50	22	150	185	37	20	15	12	72	1306 K	H 306	9/72	2	FS 190
														2306 K	H 2306	10/72	1	
SN 607	30	1.1/8	90	60	60	25	170	205	41	20	15	12	80	1307 K	H 307	10/80	2	FS 190
														21307 K	H 307	10/80	2	
														2307 K	H 2307	10/80	1	
SN 608	35	1.1/4	95	60	60	25	170	205	43	20	15	12	90	1308 K	H 308	10/90	2	FS 190
														21308 K	H 308	10/90	2	
														2308 K	H 2308	10/90	1	
														22308 CK	H 2308	10/90	1	
SN 609	40	1.1/2	105	70	70	28	210	255	46	23	18	16	100	1309 K	H 309	10.5/100	2	FS 190
														21309 K	H 309	10.5/100	2	
														2309 K	H 2309	10/100	1	
														22309 CK	H 2309	10/100	1	
SN 610	45	1.3/4	115	70	70	30	210	255	50	23	18	16	110	1310 K	H 310	11.5/110	2	FS 190
														21310 K	H 310	11.5/110	2	
														2310 K	H 2310	10/110	1	
														22310 CK	H 2310	10/110	1	
SN 611	50	2	120	80	80	30	230	275	53	23	18	16	120	1311 K	H 311	12/120	2	FS 260
														21311 K	H 311	12/120	2	
														2311 K	H 2311	10/120	1	
														22311 CK	H 2311	10/120	1	
SN 612	55	2.1/8	125	80	80	30	230	280	56	23	18	16	130	1312 K	H 312	12.5/130	2	FS 260
														21312 K	H 312	12.5/130	2	
														2312 K	H 2312	10/130	1	
														22312 CK	H 2312	10/130	1	
SN 613	60	2.1/4	130	90	95	32	260	315	58	27	22	20	140	1313 K	H 313	12.5/140	2	FS 260
														21313 K	H 313	12.5/140	2	
														2313 K	H 2313	10/140	1	
														22313 CK	H 2313	10/140	1	
SN 614	70	2.1/4	130	90	95	32	260	320	61	27	22	20	150	1314 K	H 314	13/150	2	FS 260
														21314 K	H 314	13/150	2	
														2314 K	H 2314	10/150	1	
														22314 CK	H 2314	10/150	1	
SN 615	65	2.1/2	140	100	100	35	290	345	65	27	22	20	160	1315 K	H 315	14/160	2	FS 260
														21315 K	H 315	14/160	2	
														2315 K	H 2315	10/160	1	
														22315 CK	H 2315	10/160	1	



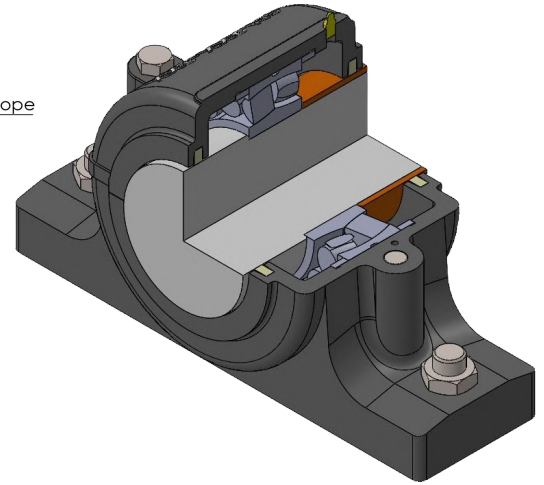
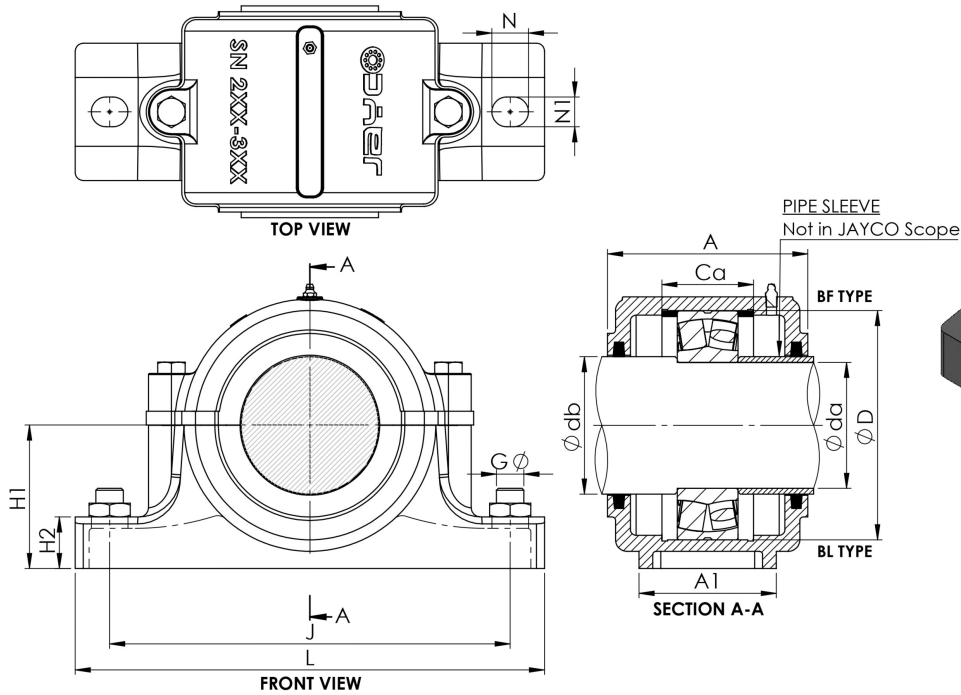
Plummer Block Designation	Shaft Diameter da		Dimensions are in mm											Suitable bearing	Adapter Sleeve	Locating ring Size per Housing	No.	Felt Seal Size
	M.M.	Inch	A	A1	H1	H2	J	L	Ca	N	N1	G	D					
SN 615	65	2.1/2	140	100	100	35	290	345	65	27	22	20	160	1315 K	H 315	14/160	2	FS 260
														21315 K	H 315	14/160	2	
														2315 K	H 2315	10/160	1	
														22315 CK	H 2315	10/160	1	
SN 616	70	2.3/4	145	100	112	35	290	345	68	27	22	20	170	1316 K	H 316	14.5/170	2	FS 330
														21316 K	H 316	14.5/170	2	
														2316 K	H 2316	10/170	1	
														22316 CK	H 2316	10/170	1	
SN 617	75	3	155	110	112	40	320	380	70	32	26	24	180	1317 K	H 317	14.5/180	2	FS 330
														21317 K	H 317	14.5/180	2	
														2317 K	H 2317	10/180	1	
														22317 CK	H 2317	10/180	1	
SN 618	80	3.3/16	160	110	112	40	320	380	74	32	26	24	190	1318 K	H 318	15.5/190	2	FS 330
														21318 K	H 318	15.5/190	2	
														2318 K	H 2318	10/190	1	
														22318 CK	H 2318	10/190	1	
SN 619	85	3.3/8	170	120	125	45	350	410	77	32	26	24	200	1319 K	H 319	16/200	2	FS 330
														21319 K	H 319	16/200	2	
														2319 K	H 2319	10/200	1	
														22319 CK	H 2319	10/200	1	
SN 620	90	3.1/2	175	120	140	45	350	410	83	32	26	24	215	1320 K	H 320	18/215	2	FS 370
														21320 K	H 320	18/215	2	
														2320 K	H 2320	10/215	1	
														22320 CK	H 2320	10/215	1	
SN 622	100	4	190	130	150	50	390	450	90	35	28	24	240	21322 K	H 322	20/240	2	FS 370
														22322 CK	H 2322	10/240	1	
SN 624	110	4.1/4	200	160	160	60	450	530	96	42	35	30	260	20324 K	H 3124	20.5/260	2	FS 460
														22324 CK	H 2314	10/260	1	
SN 626	115	4.1/2	210	160	170	60	470	550	103	42	35	30	280	20326 K	H 3126	22.5/280	2	FS 460
														22326 CK	H 2326	10/280	1	
SN 628	125	5	235	170	180	65	520	620	112	42	35	30	300	20328 K	H 3128	25/300	2	FS 510
														22328 CK	H 2328	10/300	1	
SN 630	135	5.1/4	245	180	190	65	560	650	118	42	35	30	320	20330 K	H 3130	26.5/320	2	FS 510
														22330 CK	H 2330	10/320	1	
SN 632	140	5.1/2	255	190	200	70	580	680	124	50	42	36	340	20332 K	H 3132	28/340	2	FS 680
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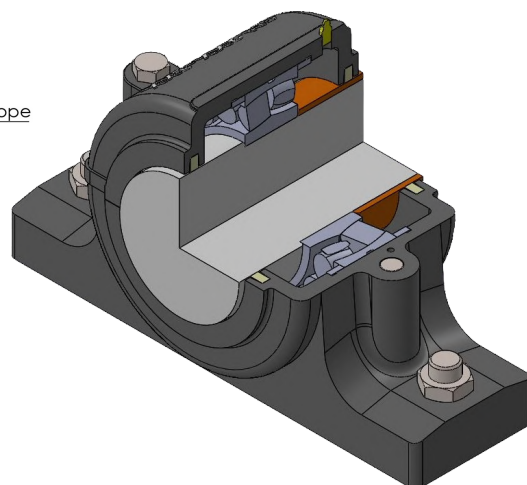
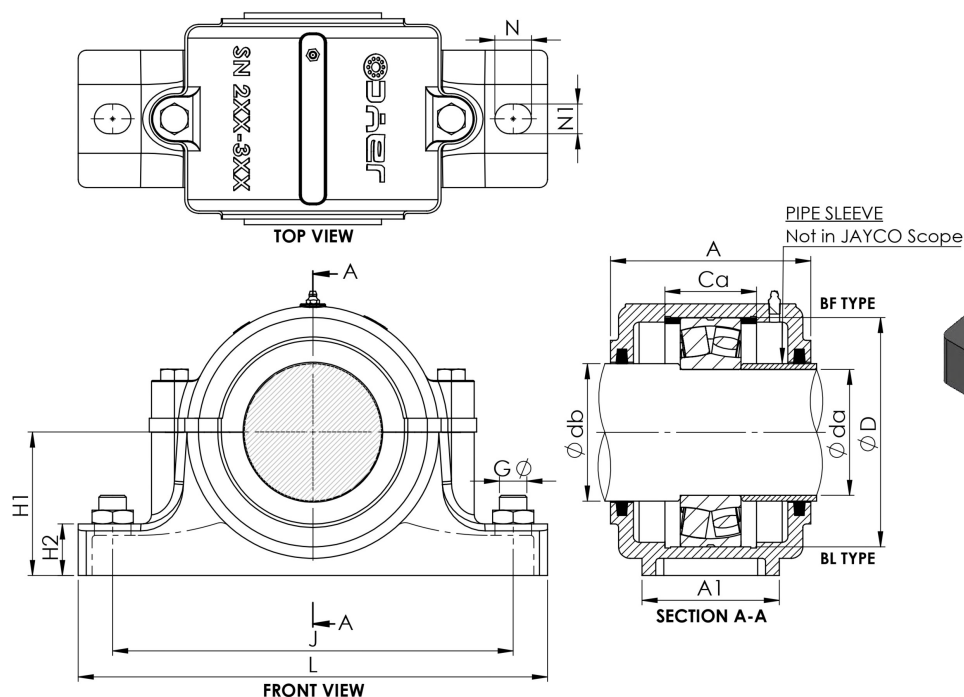
Housing NO.	Shaft Diameter		Dimensions are in mm											Suitable bearing	Locating ring Size per Housing	No.	Felt Seal Size
	da	db	A	A1	H1	H2	J	L	Ca	N	N1	G	D				
SN 205	25	30	67	46	40	19	130	165	25	20	15	12	52	1205 E	5/52	2	FS 190
														2205 C	7/52	1	
SN 206	30	35	77	52	50	22	150	185	30	20	15	12	62	1206 E	7/62	2	FS 190
														2206 C	10/62	1	
SN 207	35	45	82	52	50	22	150	185	33	20	15	12	72	1207 E	8/72	2	FS 190
														2207 C	10/72	1	
														22207 C	10/72	1	
SN 208	40	50	85	60	60	25	170	205	34	20	15	12	80	1208 E	8/80	2	FS 260
														2208 C	11/80	1	
														22208 C	11/80	1	
SN 209	45	55	85	60	60	25	170	205	31	20	15	12	85	1209 E	6/85	2	FS 260
														2209 C	8/85	1	
														22209 C	8/85	1	
SN 210	50	60	90	60	60	25	170	205	33	20	15	12	90	1210 E	6.5/90	2	FS 260
														2210 C	10/90	1	
														22210 C	10/90	1	
SN 211	55	65	95	70	70	28	210	255	33	23	18	16	100	1211 E	6/100	2	FS 260
														2211 C	8/100	1	
														22211 C	8/100	1	
SN 212	60	70	105	70	70	30	210	255	38	23	18	16	110	1212 E	8/110	2	FS 330
														2212 C	10/110	1	
														22212 C	10/110	1	
SN 213	65	75	110	80	80	30	230	275	43	23	18	16	120	1213 E	10/120	2	FS 330
														2213 C	12/120	1	
														22213 C	12/120	1	
SN 214	70	80	115	80	80	30	230	275	41	23	18	16	125	1214 E	8.5/125	2	FS 330
														2214 C	5/125	1	
														22214 C	5/125	1	
SN 215	75	85	115	80	80	30	230	280	41	23	18	16	130	1215 E	8/130	2	FS 330
														2215 C	10/130	1	
														22215 C	10/130	1	
SN 216	80	90	120	90	95	32	260	315	43	27	22	20	140	1216 E	8.5/140	2	FS 370
														2216 C	10/140	1	
														22216 C	10/140	1	
SN 217	85	95	125	90	95	32	260	320	46	27	22	20	150	1217 E	9/150	2	FS 370
														2217 C	10/150	1	
														22217 C	10/150	1	



Plummer Block Designation	Shaft Diameter		Dimensions are in mm											Suitable bearing	Locating ring Size per Housing	No.	Felt Seal Size
	da	db	A	A1	H1	H2	J	L	Ca	N	N1	G	D				
SN 216	80	90	120	90	95	32	260	315	43	27	22	20	140	1216 E	8.5/140	2	FS 370
														2216 C	10/140	1	
														22216 C	10/140	1	
SN 217	85	95	125	90	95	32	260	320	46	27	22	20	150	1217 E	9/150	2	FS 370
														2217 C	10/150	1	
														22217 C	10/150	1	
SN 218	90	100	145	100	100	35	290	345	62	27	22	20	160	1218 E	16/160	2	FS 460
														2218 C	11/160	2	
														22218 C	11/160	2	
														23218 C	10/160	1	
SN 219	95	110	145	100	112	35	290	345	53	27	22	20	170	1219 E	10.5/170	2	FS 460
														2219 C	10/170	1	
														22219 C	10/170	1	
SN 220	100	115	160	110	112	40	320	380	70	32	26	24	180	1220 E	18/180	2	FS 460
														2220 C	12/180	2	
														22220 C	12/180	2	
														23220 C	9.7/180	1	
SN 222	110	125	175	120	125	45	350	410	80	32	26	24	200	1211 E	21/22	2	FS 510
														2222 C	13.5/200	2	
														22222 C	13.5/200	2	
														23222 C	10/200	1	
SN 224	120	135	185	120	140	45	350	410	86	32	26	24	215	22224 C	14/215	2	FS 510
														23224 C	10/215	1	
SN 226	130	145	190	130	150	50	380	445	90	35	28	24	230	22226 C	13/230	2	FS 680
														23226 C	10/230	1	
SN 228	140	155	205	150	150	50	420	500	98	42	35	30	250	22228 C	15/250	2	FS 680
														23228 C	10/250	1	
SN 230	150	165	220	160	160	60	450	530	106	42	35	30	270	22230 C	16.5/270	2	FS 680
														23230 C	10/270	1	
SN 232	160	175	235	160	170	60	470	550	114	42	35	30	290	22232 C	17/290	2	FS 680
														23232 C	10/290	1	
SN 234	170	185	235	170	180	65	520	620	120	42	35	30	310	22234 C	17/310	2	FS 680
														23234 C	10/310	1	
SN 236	180	195	245	180	190	65	560	650	122	42	35	30	320	22236 C	18/320	2	FS 830
														23236 C	10/320	1	
SN 238	190	205	255	190	200	70	580	680	130	50	42	36	340	22238 C	19/340	2	FS 830
														23238 C	10/340	1	



Plummer Block Designation	Shaft Diameter		Dimensions are in mm											Suitable bearing	Locating ring Size per Housing	No.	Felt Seal Size
	da	db	A	A1	H1	H2	J	L	Ca	N	N1	G	D				
SN 305	25	30	80	52	50	22	150	185	34	20	15	12	62	1305 E	8.5/62	2	FS 190
														2305 C	10/62	1	
SN 306	30	35	82	52	50	22	150	185	37	20	15	12	72	1306 E	9/72	2	FS 190
														2306 C	10/72	1	
SN 307	35	45	90	60	60	25	170	205	41	20	15	12	80	1307 E	10/80	2	FS 190
														21307 C	10/80	2	
														2307 C	10/80	1	
SN 308	40	50	95	60	60	25	170	205	43	20	15	12	90	1308 E	10/90	2	FS 260
														21308 C	10/90	2	
														2308 C	10/90	1	
														22308 C	10/90	1	
SN 309	45	55	105	70	70	28	210	255	46	23	18	16	100	1309 E	10.5/100	2	FS 260
														21309 C	10.5/100	2	
														2309 C	10/100	1	
														22309 C	10/100	1	
SN 310	50	60	115	70	70	30	210	255	50	23	18	16	110	1310 E	11.5/110	2	FS 260
														21310 C	11.5/110	2	
														2310 C	10/110	1	
														22310 C	10/110	1	
SN 311	55	65	120	80	80	30	230	275	53	23	18	16	120	1311 E	12/120	2	FS 260
														21311 C	12/120	2	
														2311 C	10/120	1	
														22311 C	10/120	1	
SN 312	60	70	125	80	80	30	230	280	56	23	18	16	130	1312 E	12.5/130	2	FS 330
														21312 C	12.5/130	2	
														2312 C	10/130	1	
														22312 C	10/130	1	
SN 313	65	75	130	90	95	32	260	315	58	27	22	20	140	1313 E	12.5/140	2	FS 330
														21313 C	12.5/140	2	
														2313 C	10/140	1	
														22313 C	10/140	1	
SN 314	70	80	130	90	95	32	260	320	61	27	22	20	150	1314 E	13/150	2	FS 330
														21314 C	13/150	2	
														2314 C	10/150	1	
														22314 C	10/150	1	
SN 315	75	85	140	100	100	35	290	345	65	27	22	20	160	1315 E	14/160	2	FS 330
														21315 C	14/160	2	
														2315 C	10/160	1	
														22315 C	10/160	1	



Plummer Block Designation	Shaft Diameter		Dimensions are in mm											Suitable bearing	Locating ring Size per Housing	No.	Felt Seal Size
	da	db	A	A1	H1	H2	J	L	Ca	N	N1	G	D				
SN 315	75	85	140	100	100	35	290	345	65	27	22	20	160	1315 E	14/160	2	FS 330
														211315 C	14/160	2	
														2315 C	10/160	1	
														22315 C	10/160	1	
SN 316	80	90	145	100	112	35	290	345	68	27	22	20	170	1316 E	14.5/170	2	FS 370
														21316 C	14.5/170	2	
														2316 C	10/170	1	
														22316 C	10/170	1	
SN 317	85	95	155	110	112	40	320	380	70	32	26	24	180	1317 E	14.5/180	2	FS 370
														21317 C	14.5/180	2	
														2317 C	10/180	1	
														22317 C	10/180	1	
SN 318	90	105	160	110	112	40	320	380	74	32	26	24	190	1318 E	15.5/190	2	FS 460
														21318 C	15.5/190	2	
														2318 C	10/190	1	
														22318 C	10/190	1	
SN 319	95	110	170	120	125	45	350	410	77	32	26	24	200	1319 E	16/200	2	FS 460
														21319 C	16/200	2	
														2319 C	10/200	1	
														22319 C	10/200	1	
SN 320	100	115	175	120	140	45	350	410	83	32	26	24	215	1320 E	18/215	2	FS 460
														21320 C	18/215	2	
														2320 C	10/215	1	
														22320 C	10/215	1	
SN 322	110	125	190	130	150	50	390	450	90	35	28	24	240	21322 C	20/240	2	FS 510
														22322 C	10/240	1	
SN 324	120	135	200	160	160	60	450	530	96	42	35	30	260	20324 C	20.5/260	2	FS 510
														22324 C	10/260	1	
SN 326	130	150	210	160	170	60	470	550	103	42	35	30	280	20326 C	22.5/280	2	FS 680
														22326 C	10/280	1	
SN 328	140	160	235	170	180	65	520	620	112	42	35	30	300	20328 C	25/300	2	FS 680
														22328 C	10/300	1	
SN 330	150	170	245	180	190	65	560	650	118	42	35	30	320	20330 C	26.5/320	2	FS 680
														22330 C	10/320	1	
SN 332	160	180	255	190	200	70	580	680	124	50	42	36	340	20332 C	28/340	2	FS 680
														22332 C	10/340	1	