



SN Series
3000 | 3100

JAYCO SN 3000 | 3100 SERIES

Heavy-Duty Bearing Housings

DESCRIPTION

JAYCO SN 3000 and 3100 Series are split plummer block housings designed for large spherical roller bearings in heavy-duty industrial applications.

DESIGN & CONSTRUCTION

The housing is manufactured in a split construction consisting of a rigid base and accurately matched upper cover. This design enables easy installation, inspection and replacement of the bearing without removing the shaft.

Key construction features include:

- Heavy-duty reinforced housing body
- Precision-machined bearing seating
- Strong two-bolt foundation mounting arrangement
- Accurately matched housing cap and base
- Lubrication provision on the upper cover
- Labyrinth sealing arrangement on both sides
- High structural rigidity with excellent load distribution
- Easy access for inspection and maintenance

JAYCO housings are machined under controlled manufacturing conditions to ensure proper bearing seating, dimensional accuracy and reliable shaft alignment.

LUBRICATION

Suitable for grease lubrication. A grease nipple is provided on the upper cover for convenient re-lubrication.

MATERIAL

Standard: Graded Cast Iron IS 210 FG 260
Optional: Cast Steel IS 1030 Gr. 280-520W or SG Iron.

BEARING ARRANGEMENT

Suitable for spherical roller bearings mounted on adapter sleeves. Available for both locating and non-locating bearing arrangements.

APPLICATION

Recommended for conveyors, crushers, cement plants, steel mills, mining equipment, kilns, fans and heavy material-handling machinery.

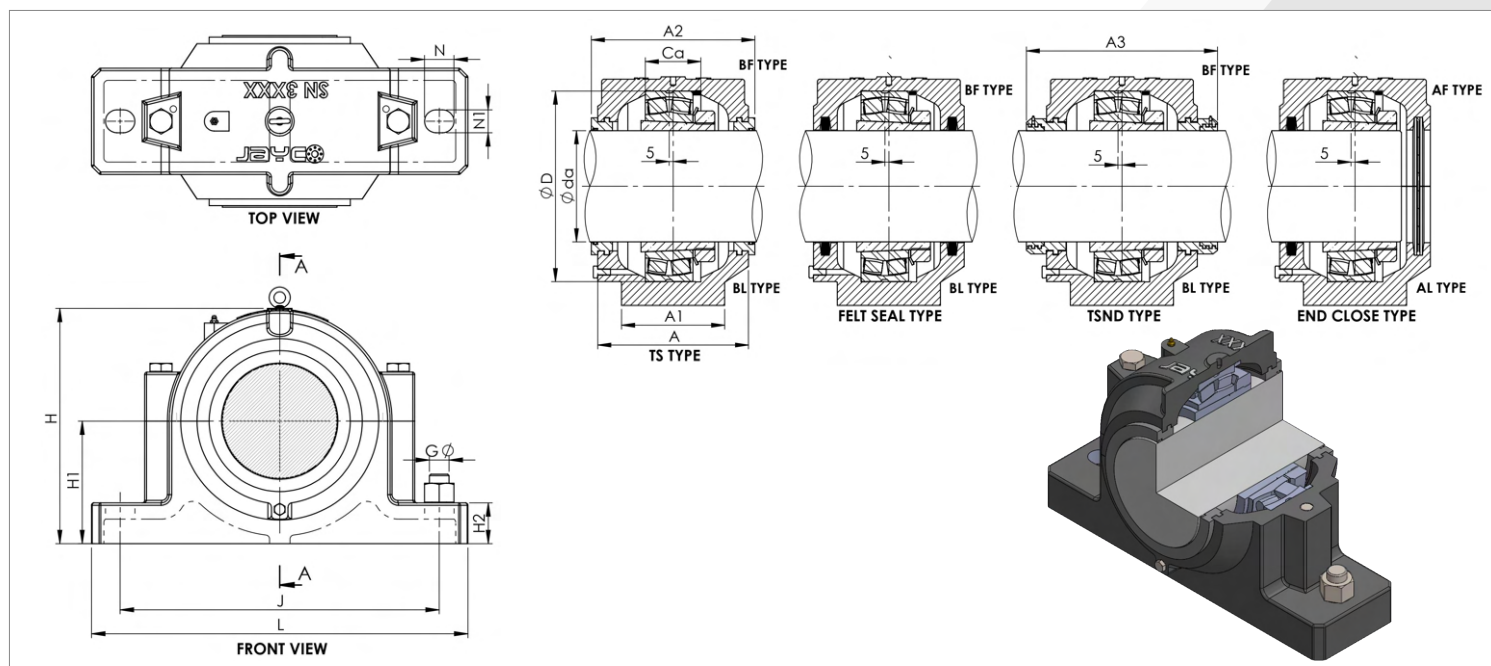
MOUNTING

Mount on a flat and rigid foundation. Ensure proper shaft alignment, bearing seating, bolt tightening, sealing and lubrication before operation.

FRONT VIEW

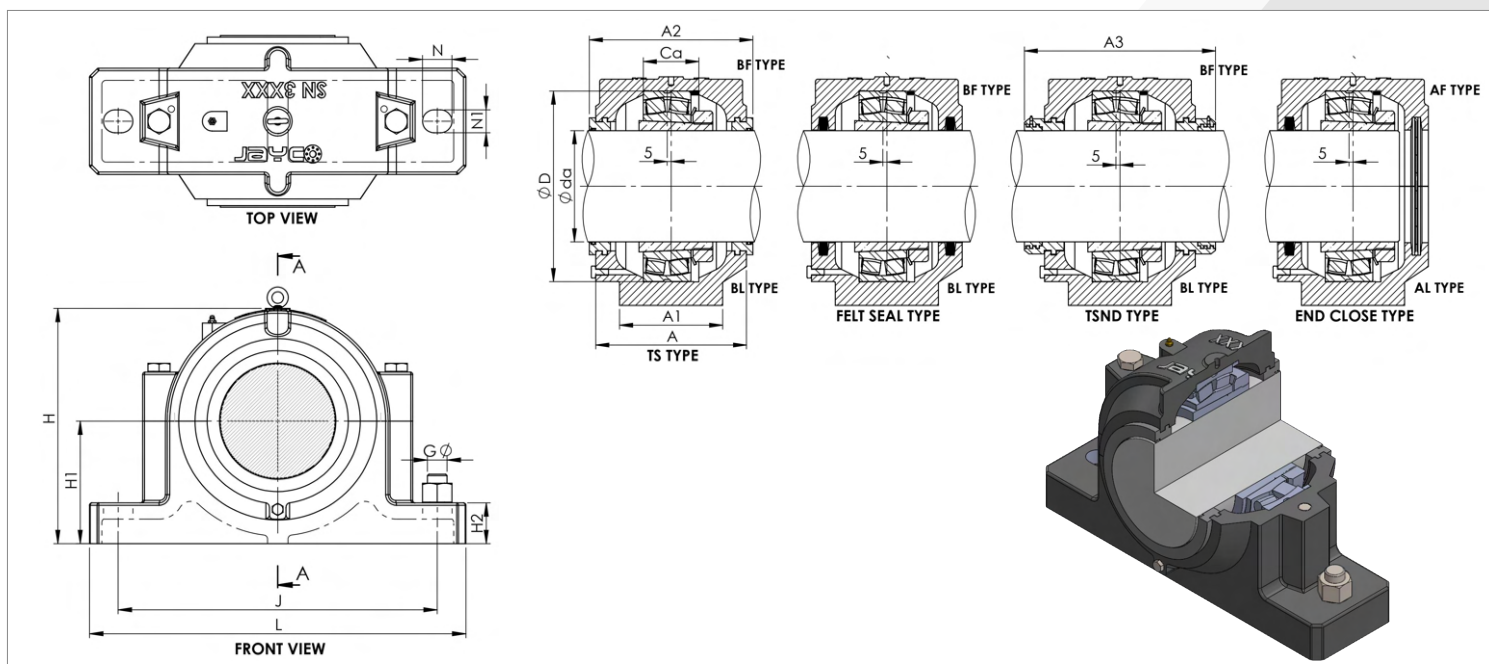
SN 3000 | 3100 Series

SN 3000 Series Plummer Block For Bearing With Adapter Sleeve.



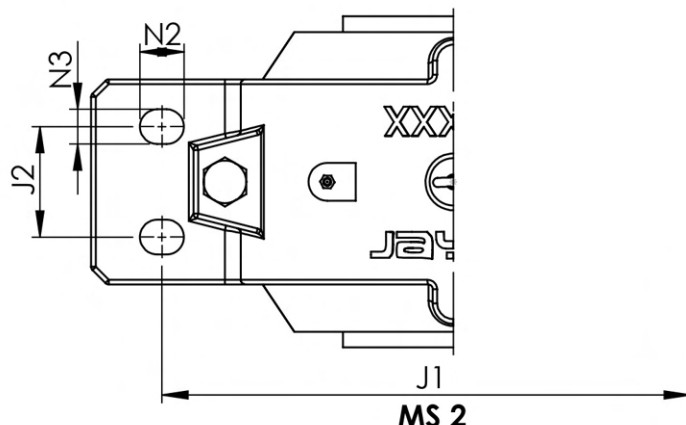
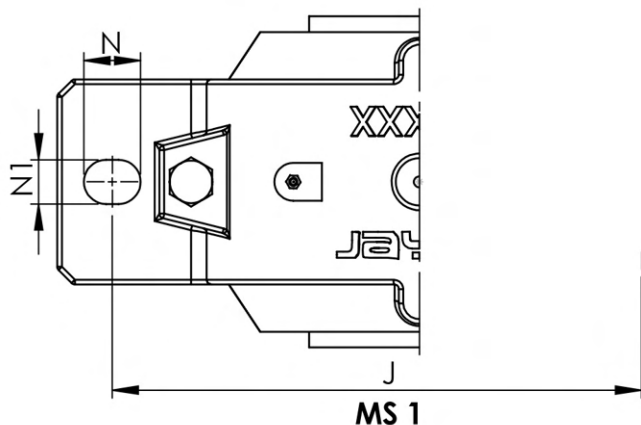
Plummer Block Designation	Shaft Dia. da	Dimensions are in mm														Suitable bearing	Adapter Sleeve	Locating ring (1 - Pc) per housing	Felt strip	Rubber oil seal no.
		A	A1	A2	A3	H	H1	H2	J	L	Ca	N	N1	G	D					
SN 3022	100	145	100	163	220	209	112	35	290	345	55	27	22	20	170	23022 CCK	H 3022	10/170	FS 460	ZF 24
SN 3024	110	150	110	165	220	215	112	40	320	380	56	36	28	24	180	23024 CCK	H 3024	10/180	FS 460	ZF 24
SN 3026	115	160	120	175	248	239	125	45	350	410	62	36	28	24	200	23026 CCK	H 3026	10/200	FS 460	ZF 26
SN 3028	125	170	120	185	255	260	140	45	350	410	63	36	28	24	210	23028 CCK	H 3028	10/210	FS 510	ZF 28
SN 3030	135	180	130	195	264	286	150	50	380	445	66	36	28	24	225	23030 CCK	H 3030	10/225	FS 510	ZF 30
SN 3032	140	190	130	205	270	297	150	50	390	460	70	36	28	24	240	23032 CCK	H 3032	10/240	FS 680	ZF 32
SN 3034	150	205	160	220	272	318	160	60	450	530	77	48	35	30	260	23034 CCK	H 3034	10/260	FS 680	ZF 34
SN 3036	160	210	160	225	280	338	170	60	470	550	84	48	35	30	280	23036 CCK	H 3036	10/280	FS 680	ZF 36
SN 3038	170	220	160	245	290	346	170	60	470	550	85	48	35	30	290	23038 CCK	H 3038	10/290	FS 680	ZF 38
SN 3040	180	235	170	250	295	366	180	60	515	610	92	48	35	30	310	23040 CCK	H 3040	10/310	FS 680	ZF 40
SN 3044	200	255	190	270	315	401	200	70	580	690	100	50	42	36	340	23044 CCK	H 3044	10/340	FS 950	ZF 44
SN 3048	220	265	200	280	355	422	210	75	610	720	102	50	42	36	360	23048 CCK	H 3048	10/360	FS 950	ZF 48
SN 3052	240	285	220	300	374	472	240	80	680	820	114	70	48	42	400	23052 CCK	H 3052	10/400	FS 1120	ZF 52
SN 3056	260	295	230	310	384	495	250	80	720	860	116	70	48	42	420	23056 CCK	H 3056	10/420	FS 1120	ZF 56

Rubber oil seals (ZF) or labyrinth seals are available upon request.



Plummer Block Designation	Shaft Dia.da	Dimensions are in mm														Suitable bearing	Adapter Sleeve	Locating ring (1 - Pc) per housing	Felt strip	Rubber oil seal no.
		A	A1	A2	A3	H	H1	H2	J	L	Ca	N	N1	G	D					
SN 3122	100	150	110	170	-	217	112	40	320	380	66	36	28	24	180	23122 K	H 3122	10/180	FS 390	ZF 22
SN 3124	110	165	120	185	-	240	125	45	350	410	72	36	28	24	200	23124 K	H 3124	10/200	FS 460	ZF 24
SN 3126	115	170	120	190	-	260	140	45	350	410	74	36	28	24	210	23126 K	H 3126	10/210	FS 460	ZF 26
SN 3128	125	180	130	200	-	286	150	50	380	445	78	36	28	24	225	23128 K	H 3128	10/225	FS 510	ZF 28
SN 3130	135	200	150	220	-	295	150	50	420	500	90	48	35	30	250	23130 K	H 3130	10/250	FS 510	ZF 30
SN 3132	140	215	160	235	-	318	160	60	450	530	96	48	35	30	270	23132 K	H 3132	10/270	FS 680	ZF 32
SN 3134	150	220	160	240	-	330	170	60	470	550	98	48	35	30	280	23134 K	H 3134	10/280	FS 680	ZF 34
SN 3136	160	230	170	250	-	355	180	70	520	610	106	48	35	30	300	23136 K	H 3136	10/300	FS 680	ZF 36
SN 3138	170	240	180	260	-	375	190	70	560	650	114	48	35	30	320	23138 K	H 3138	10/320	FS 680	ZF 38

Rubber oil seals (ZF) or labyrinth seals are available upon request.



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	
SN 3022	290	28	22	M 20	280	50	24	18	M 16
SN 3024	320	36	28	M 24	300	60	24	18	M 16
SN 3026	350	36	28	M 24	320	70	24	18	M 16
SN 3028	350	36	28	M 24	330	70	24	18	M 16
SN 3030	380	36	28	M 24	370	70	28	22	M 20
SN 3032	390	36	28	M 24	370	70	28	22	M 20
SN 3034	450	48	35	M 30	430	90	32	26	M 24
SN 3036	470	48	35	M 30	450	90	32	26	M 24
SN 3038	470	48	35	M 30	450	90	32	26	M 24
SN 3040	515	48	35	M 30	500	100	32	26	M 24
SN 3044	580	50	42	M 36	560	105	32	26	M 24
SN 3048	610	50	42	M 36	580	120	32	26	M 24
SN 3052	680	70	48	M 42	630	120	42	35	M 30
SN 3056	720	70	48	M 42	670	130	42	35	M 30
SN 3120	290	28	22	M 20	280	50	24	18	M 16
SN 3122	320	36	28	M 24	300	60	24	18	M 16
SN 3124	350	36	28	M 24	320	70	24	18	M 16
SN 3126	350	36	28	M 24	330	70	24	18	M 16
SN 3128	380	36	28	M 24	370	70	28	22	M 20
SN 3130	420	48	35	M 30	400	80	32	26	M 24
SN 3132	450	48	35	M 30	430	90	32	26	M 24
SN 3134	470	48	35	M 30	450	90	32	26	M 24
SN 3136	520	48	35	M 30	500	100	32	26	M 24
SN 3138	560	48	35	M 30	550	100	32	26	M 24