

Split plummer block housings SNLN 30 series

4

Bearing types

- Spherical roller bearings
- CARB toroidal roller bearings

Bearing dimension series

- 30, 40

Shaft diameter range

- 110 to 280 mm

Typical shaft-bearing combinations

- Plain shaft with bearing on an adapter sleeve
- Stepped shaft with bearing on a cylindrical seat

Seals

- Four-lip
- V-ring
- Labyrinth
- Heavy-duty
- Felt

Lubrication

- Grease

Materials

- Grey cast iron
- Spheroidal graphite cast iron

Mounting

- Two-bolt mounting
- Four-bolt mounting

Compliance to standards

- ISO 113
(two-bolt plummer block housings)

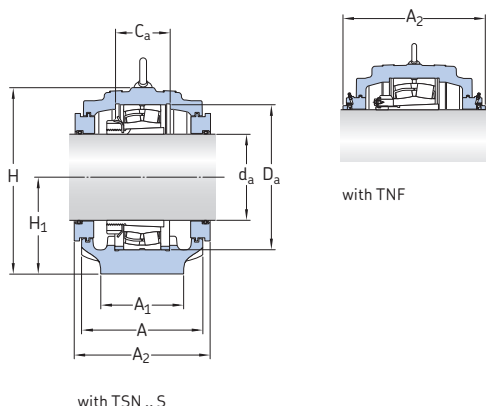
Supersedes

- SN 30 series

SNLN 30 plummer (pillow) block housings are robust and versatile housings. They are designed for bearings in the 30 dimension series, and can also accommodate some bearings in the 40 dimension series for mounting on a cylindrical shaft seat. They enable the incorporated bearings to achieve maximum service life with less need for maintenance. Different housing variants and seal designs are available, making the use of tailored housings virtually unnecessary and enabling cost-effective bearing arrangements to be made.

4.1 SNLN 30 plummer block housings for bearings on an adapter sleeve

d_a 150 – 260 mm



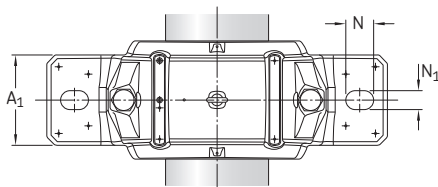
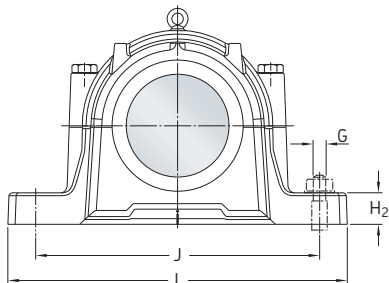
Shaft diameter d_a	Housing Designation	Appropriate parts Bearing ¹⁾	Adapter sleeve ²⁾	Locating ring ³⁾	Seals	End cover	Width incl. seals A_2
mm	–	–					mm
150	SNLN 3034	23034 CCK/W33 23034-2CS5K C 3034 K	H 3034 H 3034 E H 3034 E	FRB 10/260 FRB 10/260 FRB 10/260	TSN 3034 S TNF 3034	ETS 3034	230 266
160	SNLN 3036	23036 CCK/W33 23036-2CS5K C 3036 K	H 3036 H 3036 E H 3036	FRB 10/280 FRB 10/280 FRB 10/280	TSN 3036 S TNF 3036	ETS 3036	245 280
170	SNLN 3038	23038 CCK/W33 C 3038 K	H 3038 H 3038	FRB 10/290 FRB 10/290	TSN 3038 S TNF 3038	ETS 3038	255 290
180	SNLN 3040	23040 CCK/W33 23040-2CS5K C 3040 K	H 3040 H 3040 H 3040	FRB 10/310 FRB 10/310 FRB 10/310	TSN 3040 S TNF 3040	ETS 3040	265 295
200	SNLN 3044	23044 CCK/W33 23044-2CS5K C 3044 K	OH 3044 H OH 3044 H OH 3044 H	FRB 10/340 FRB 10/340 FRB 10/340	TSN 3044 S TNF 3044	ETS 3044	285 315
220	SNLN 3048	23048 CCK/W33 23048-2CS5K C 3048 K	OH 3048 H OH 3048 HE OH 3048 H	FRB 10/360 FRB 10/360 FRB 10/360	TSN 3048 S TNF 3048	ETS 3048	295 355
240	SNLN 3052	23052 CCK/W33 23052-2CS5K C 3052 K	OH 3052 H OH 3052 HE OH 3052 H	FRB 10/400 FRB 10/400 FRB 10/400	TSN 3052 S TNF 3052	ETS 3052	312 374
260	SNLN 3056	23056 CCK/W33 C 3056 K	OH 3056 H OH 3056 H	FRB 10/420 FRB 10/420	TSN 3056 S TNF 3056	ETS 3056	325 384

¹⁾ Only the basic bearing designation is listed. Other bearing variants can also fit the housing.

230(00) – spherical roller bearing, C... – CARB toroidal roller bearing

²⁾ The adapter sleeve fits the bearing in the same row only.

³⁾ The locating ring fits the bearing in the same row only. Two locating rings are required.



Shaft diam- eter d_a	Dimensions Housing												Eye bolt according to DIN 580	Mass Housing kg
	A	A ₁	C _a	D _a	H	H ₁	H ₂	J	L	N	N ₁	G		
mm	mm												–	kg
150	210	160	87	260	322	160	60	450	530	42	35	30	M12	50,5
160	225	160	94	280	342	170	60	470	550	42	35	30	M12	58,5
170	235	160	95	290	347	170	60	470	550	42	35	30	M12	58,5
180	240	170	102	310	368	180	60	515	610	42	35	30	M12	76,0
200	260	190	110	340	403	200	70	580	690	50	42	36	M12	103
220	270	200	112	360	423	210	75	610	720	50	42	36	M12	117
240	290	220	124	400	475	240	80	680	820	70	48	42	M12	162
260	300	230	126	420	496	250	80	720	860	70	48	42	M12	184