

Housing Features – Designation

The plumber block housings detailed in this brochure are manufactured in accordance with ISO/R113 standards.

Bearing Nomenclature

Example:

SNN

511

- 609

Housing design code

Size

Size



Housings Features

- › Colour: RAL 7001, Pantone 444C
- › Housing Material: Cast Iron Grade 200
- › Cap bolts: Mild steel AISI1010 Grade 8.8
- › Metal plugs: Mild steel AISI 1010
- › Tolerance of bearing seating: H7
- › The bearing seating is protected against corrosion, all the non machined internal parts are primed.
- › Each housing is supplied with a straight grease nipple (see dimensions in the lubrication section).
- › Each SNN housing is supplied with 2 lubrication holes on the cap and 1 drain hole on the base.

Housings Designation

500 Series

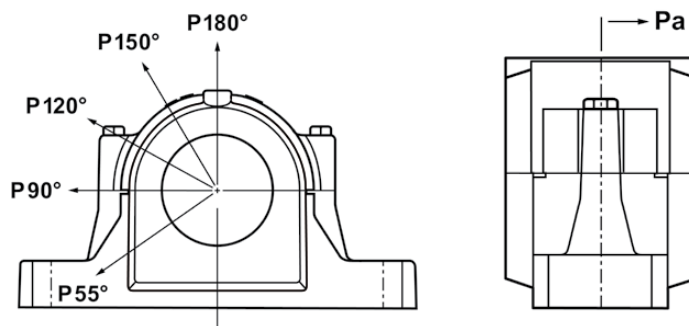
for light series bearings with tapered bore
1200K, 2200K, 22200K, 23200K

600 Series

for medium series bearings with tapered bore
1300K, 2300K, 21300K, 22300K

The SNN 500 and 600 series comprise a number of housings which, when combined with different seal options and ball or spherical roller bearings, provide an answer for most plumber block applications with shaft diameters ranging from 20 mm to 140 mm.

Breaking Loads for SNN Housings



Housing No.		Breaking Load (kN)						Max. Loads of the two cap bolts (kN)
		Pa	P55°	P90°	P120°	P150°	P180°	P180°
SNN	505	52	155	95	70	60	80	25
SNN	506-605	55	170	100	80	65	85	25
SNN	507-606	60	190	115	85	80	95	25
SNN	508-607	70	215	130	95	85	110	25
SNN	509	75	230	140	100	90	115	25
SNN	510-608	85	265	155	120	110	130	25
SNN	511-609	90	275	170	125	115	140	40
SNN	512-610	100	300	180	130	120	150	40
SNN	513-611	110	340	205	150	130	170	40
SNN	515-612	135	410	250	185	160	205	40
SNN	516-613	140	430	260	190	175	215	40
SNN	517	155	480	290	205	190	240	40
SNN	518-615	180	550	340	250	215	275	85
SNN	519-616	190	580	350	260	230	290	85
SNN	520-617	200	620	370	280	250	310	130
SNN	522-619	220	680	410	310	275	340	130
SNN	524-620	260	790	470	350	320	400	130
SNN	526	295	900	540	410	360	450	190
SNN	528	345	1050	630	470	430	530	190
SNN	530	390	1200	730	540	480	600	190
SNN	532	470	1450	860	640	570	720	190

Cap bolt material: Grade 8.8
Reference values only

Cap & Fixing Bolts Sizes – Recommended Tightening Torques

SNN Housing	Cap Bolt Size Grade 8.8	Recommended max. Tightening Torque (lubricated)	Base Bolts Size Grade 8.8	Recommended max. Tightening Torque (lubricated)
		Nm		Nm
SNN505	M10	50	M12	80
SNN506-605	M10	50	M12	80
SNN507-606	M10	50	M12	80
SNN508-607	M10	50	M12	80
SNN509	M10	50	M12	80
SNN510-608	M10	50	M12	80
SNN511-609	M12	80	M16	200
SNN512-610	M12	80	M16	200
SNN513-609	M12	80	M16	200
SNN515-612	M12	80	M16	200
SNN516-613	M16	150	M20	385
SNN517	M16	150	M20	385
SNN518-615	M16	150	M20	385
SNN519-616	M16	150	M20	385
SNN520-617	M20	200	M24	665
SNN522-619	M20	200	M24	665
SNN524-620	M20	200	M24	665
SNN526	M24	350	M24	665
SNN528	M24	350	M30	1310
SNN530	M24	350	M30	1310
SNN532	M24	350	M30	1310