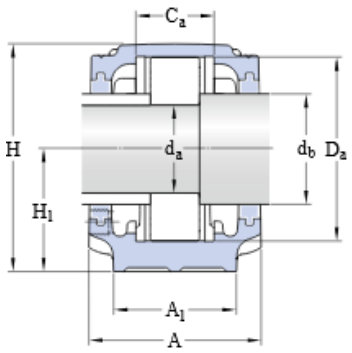
# SNL 513-611 + 21311

SE and SNL plummer block housings for bearings with a cylindrical bore, with standard seals

## Technical specification

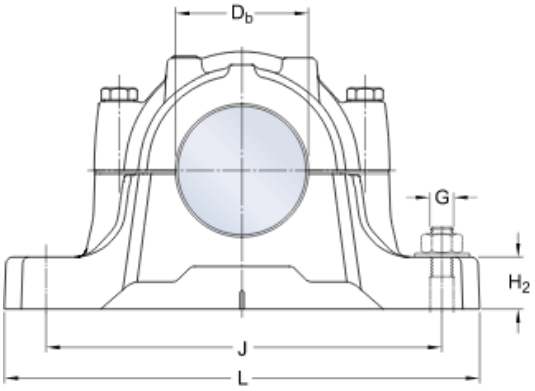
### APPROPRIATE PRODUCTS

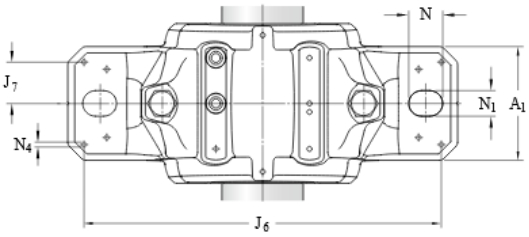
| | |
|---|---|
| Bearing (basic designation) | 21311 |
| Lock nut | KM 11 |
| Lock washer | MB 11 |
| Locating ring | 2 x FRB 11/120 |




### DIMENSIONS

| | |
|---|---|
| $d_a$ | 55 mm |
| $d_b$ | 65 mm |
| $C_a$ | 51 mm |
| $D_a$ | 120 mm |
| $D_b$ | 77 mm |
| A | 110 mm |
| $A_1$ | 80 mm |
| H | 149 mm |
| $H_1$ | 80 mm |
| $H_2$ | 30 mm |
| J | 230 mm |
| L | 275 mm |
| N | 24 mm |




| | |
|---|---|
| $N_1$ | 18 mm |

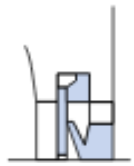
## DOWEL PINS

| | |
|---|---|
| $J_6$ | 252 mm |
| $J_7$ | 29 mm |
| $N_4$ | max. 8 mm |

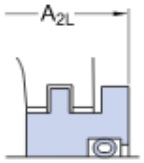
## SEAL DIMENSIONS

| | |
|---|---|
| $A_{2L}$ | 122 mm |
| $A_{2T}$ | 156 mm |
| $d_2$ | 122 mm |

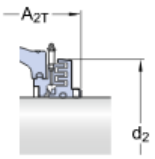
## APPROPRIATE SEALS AND END COVER



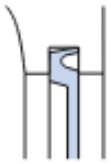
TSN 311 A




2 x TSN 311 S



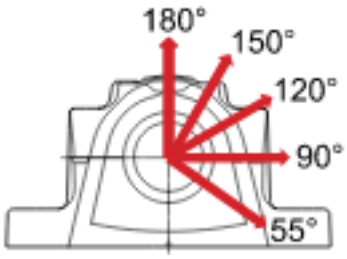

2 x TK 211



ASNH 513-611

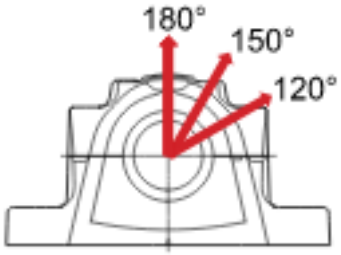
## BREAKING LOADS, HOUSING

| | |
|---|---|
| $P_{0°}$ | 270 kN |
| $P_{55°}$ | 340 kN |
| $P_{90°}$ | 205 kN |




| | |
|---|---|
| $P_{120°}$ | 150 kN |
| $P_{150°}$ | 130 kN |
| $P_{180°}$ | 170 kN |
| $P_a$ | 110 kN |

## YIELD POINT, CAP BOLTS




| | |
|---|---|
| $Q_{120°}$ | 220 kN |
| $Q_{150°}$ | 125 kN |
| $Q_{180°}$ | 110 kN |

## MASS

| | |
|---|---|
| Mass housing | 7.88 kg |

## MOUNTING INFORMATION

| | | |
|---|---|---|
| Cap bolt, size | | M 12x65 |
| Cap bolt, rec. tightening torque | | 80 N·m |
| Appropriate attachment bolt, size | G | 16 mm |
| Appropriate attachment bolt, rec. tightening torque | | 200 N·m |
| Initial grease fill, 20% | | 100 g |
| Initial grease fill, 40% | | 160 g |

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