

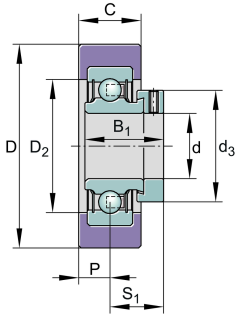
RCSMB25/65-XL-FA106 [↗](#)

Radial insert ball bearing

Radial insert ball bearings RCSM, with rubber interliner, location by eccentric locking collar, P seals on both sides

X-life

Technical information



Your current product variant

| | | |
|---------------------------|-------|--|
| Manufacturing instruction | FA106 | Bearing subjected to special noise testing |
|---------------------------|-------|--|

Main Dimensions & Performance Data

| | | |
|-----------------|----------|--|
| d | 25 mm | Bore diameter |
| D | 65,1 mm | Outside diameter |
| C | 25,4 mm | Width, outer ring |
| B ₁ | 31 mm | Locking collar total width |
| C _r | 14.000 N | Basic dynamic load rating, radial |
| C _{0r} | 7.800 N | Basic static load rating, radial |
| C _{ur} | 370 N | Fatigue load limit, radial |
| | 1.400 N | Load carrying capacity (rubber interliner) |
| ≈m | 0,233 kg | Weight |

Dimensions

| | | |
|----------------|---------|--|
| S ₁ | 23,5 mm | Distance raceway to locking collar |
| D ₂ | 46 mm | Flange diameter rubber interliner |
| d ₃ | 37,5 mm | Outside diameter locking collar/locknut |
| P | 12,7 mm | Distance raceway of rubber interliner to face side |



Calculation factors

| | | |
|----------------|------|--------------------|
| f ₀ | 13,8 | Calculation factor |
|----------------|------|--------------------|

Additional information

| | |
|------------------------|---------------------|
| RAE25-XL-NPP- FA106 | Bearing designation |
|------------------------|---------------------|

| | | |
|---------|------|----------------------------|
| Shore A | 70 ° | Hardness rubber interliner |
|---------|------|----------------------------|