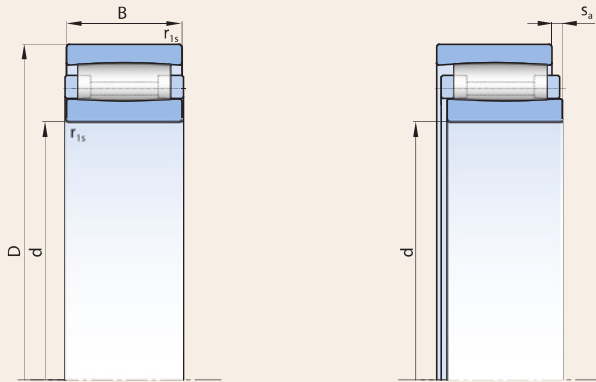
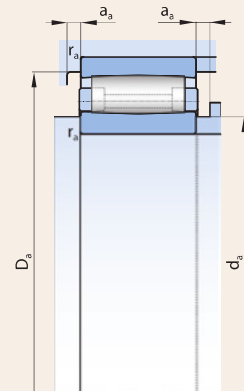




## TOROIDAL ROLLER BEARINGS

[illegible]

1) Permissible axial displacement of the bearing rings from the normal position

[illegible]

Besides their ability to accommodate high radial loads the toroidal roller bearings are not suitable to bear axial loads. Advantages they provide can be most efficiently utilised as axially free bearings in arrangements at industrial applications where accommodation of high radial loads is required simultaneously with compensation of shaft deflection and thermal expansions, e. g. at rolling mills, paper machines, planetary gearboxes, wind turbines as main shaft bearings.

C2	– Radial clearance less than normal
C3	– Radial clearance greater than normal
C2M, C3M	– Shifted radial clearance, middle area $\pm 25\%$ around average value of C2 (resp. C3)
LB	– Black oxide coating of bearing rings and rollers
MB	– Machined brass cage guided on the inner ring

- dynamic:  $P_r = F_r$  [kN]
- static:  $P_{0r} = F_{0r}$  [kN]