

Flanged housings

FNL series

Bearing types

- Self-aligning ball bearings
- Spherical roller bearings
- CARB toroidal roller bearings

Bearing dimension series

- 02, 22

Shaft diameter range

- 20 to 100 mm

Typical shaft-bearing combinations

- Plain shaft with bearing on an adapter sleeve

Seals

- Double-lip

Lubrication

- Grease

Materials

- Grey cast iron

Mounting

- Three-bolt mounting
- Four-bolt mounting

Compliance to standards

- Not standardized

Supersedes

- 7225(00)

FNL flanged housings are well-proven machine parts that provide simple, reliable housing in applications without horizontal frames. They enable the full service life potential of the incorporated bearings to be exploited with less need for maintenance.

Designations

Designation system for FNL flanged housings

FNL 505 A

Series

FNL Flanged housing

Size identification

5(00) Housing for bearings on an adapter sleeve, diameter series 2
(00) Size code of the bearing, $(00) \times 5 =$ bearing bore diameter [mm]

Suffixes¹⁾

A Housing for shaft end with end cover
B Housing for through shaft
P Housing with machined recess for guide ring
V Housing with grease escape hole in the housing cover

¹⁾ When multiple suffixes are used, they are listed in the same order as shown here.

Designation system for seals

TFL 505

Series

TFL Double-lip seal for FNL flanged housings

Size identification

... Size code of the housing