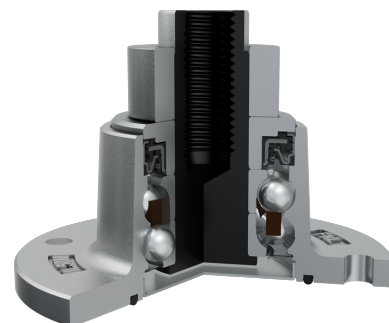
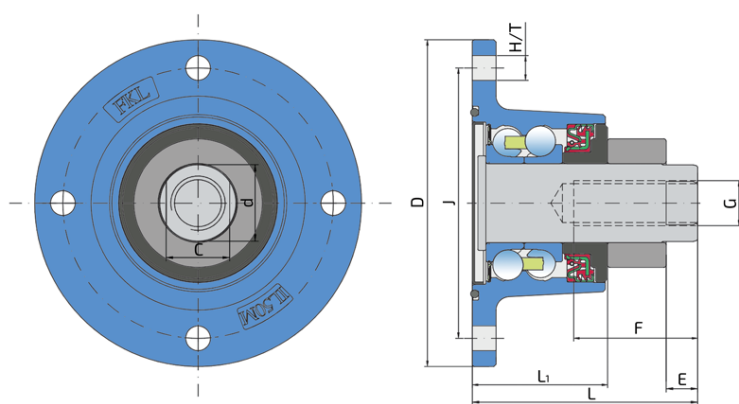


# Double row ball bearing with split inner ring

## IL50A-120/4H-M24

Double row ball bearing with split inner ring

Tube roller, cast loop roller maintenance-free, hoop roller bracket unit



### Technical Specification

|      |                                |          |
|------|--------------------------------|----------|
| J    | Pitch circle diameter          | 120 mm   |
| D    | Outside diameter               | 145 mm   |
| H/T  | Hole/Thread                    | 4x11 mm  |
| d    | Bore diameter                  | 34 mm    |
| C    | D-shape hole cut out dimension | 28 mm    |
| G    | Internal Thread                | M24 mm   |
| L    | Total length                   | 100 mm   |
| L1   | Total flange length            | 60 mm    |
| E    | Length of D shape              | 14 mm    |
| F    | Length of threaded part        | 55 mm    |
| kg   | Mass                           | 3.165 kg |
| Cdyn | Dynamic load rating            | 60 kN    |
| Co   | Static load rating             | 45.8 kN  |
| Pu   | Fatigue load limit             | 1.924 kN |

## Sealing

### O-RING+SHEET METAL SHIELD+RS SEAL / DIRTBLOCK SEAL+FORGED COVER PLATE

O-ring, Sheet metal shield and RS seal on the base side and Dirtblock seal with Forged cover plate on the front side which is exposed to contaminants.

O-ring, Sheet metal shield and RS seal together with attached disc eliminates the possibility of contamination from the base side.

Dirtblock seal is designed for hard working condition at unfriendly environment. Half metal - half rubber outside diameter provides reliable seal retention in the bore and improves sealing performance. Inside diameter is covered by rubber and improves sealing performance and easy installation. Forged cover plate is additional, strong protection of the Dirtblock seal against mechanical damage.

This sealing provides maximum protection against liquid or solid contaminants, which significantly extends bearing service life.

