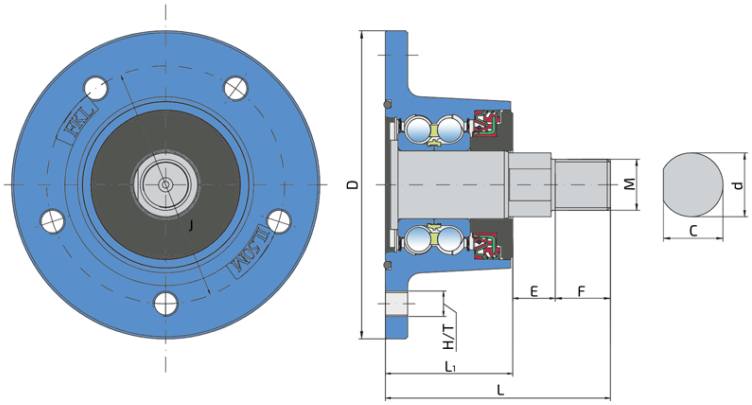
# Integrated Flange, Maintenance-Free Bearing For Independent Discs

## IL50-112/5T-M24x2

Integrated Flange, Maintenance-Free Bearing For Independent Discs

Disc Harrow





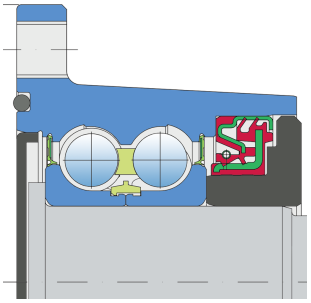



### Technical Specification

| | | | |
|---|---|---|---|
| J | Pitch circle diameter | 112 | mm |
| D | Outside diameter | 145 | mm |
| H/T | Hole/Thread | 5xM12x1.25 | mm |
| d | Shaft diameter | 30 | mm |
| C | D-shape hole cut out dimension | 28 | mm |
| M | Outher Thread | M24x2 | mm |
| L | Total length | 106 | mm |
| L1 | Total flange length | 60 | mm |
| E | Length of D shape | 20 | mm |
| F | Length of threaded part | 26 | mm |
| kg | Mass | 3.02 | kg |
| Cdyn | Dynamic load rating | 60 | kN |
| Co | Static load rating | 45.8 | kN |
| Pu | Fatigue load limit | 1.92 | kN |

## Sealing

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



O-ring, Sheet metal shield and RS seal on the base side and RS seal, 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.