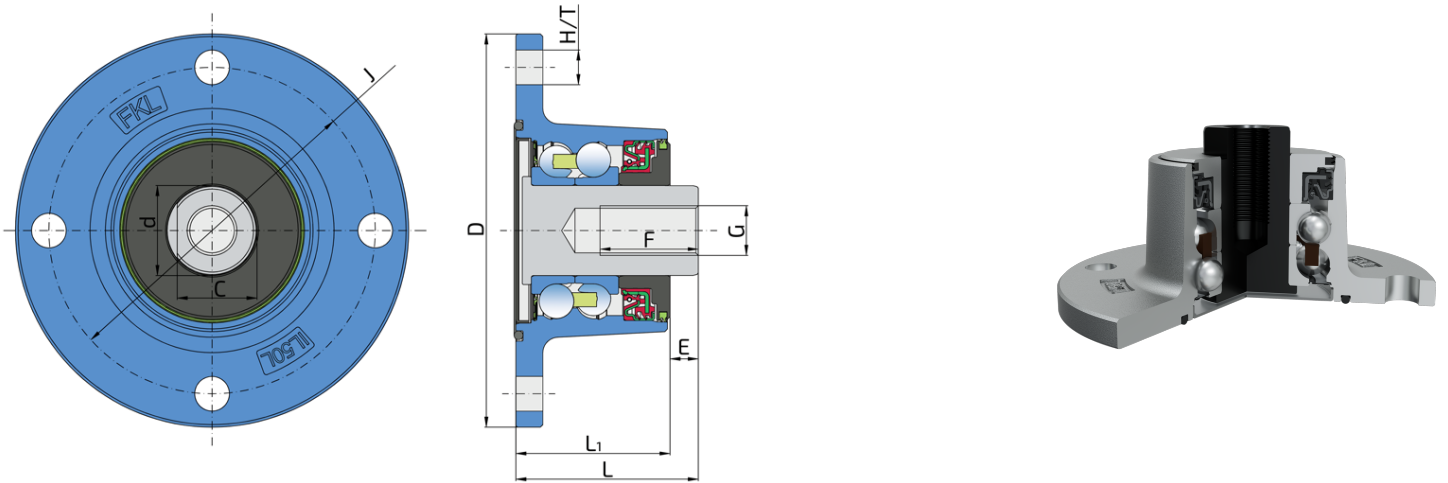


# Integrated Flange, Maintenance-Free Bearing For Independent Discs

## IL50A-127/4H-3/4-16UNF

Integrated Flange, Maintenance-Free Bearing For Independent Discs  
Disc Harrow



### Technical Specification

J	Pitch circle diameter	127 mm
D	Outside diameter	153 mm
H/T	Hole/Thread	$\varnothing 13.5 \pm 0.7$ mm
d	Bore diameter	34.9 mm
C	D-shape hole cut out dimension	31 mm
G	Internal Thread	3/4"-16UNF mm
L	Total length	71 mm
L1	Total flange length	60 mm
E	Length of D shape	11 mm
F	Length of threaded part	40 mm
kg	Mass	2.7 kg
C <sub>dyn</sub>	Dynamic load rating	60 kN
C <sub>o</sub>	Static load rating	45.8 kN
P <sub>u</sub>	Fatigue load limit	1.92 kN

## Sealing

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

O-ring, Sheet metal shield and RS seal on the base side and Dirtblock seal, Forged cover plate with Double seal 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 &ndash; 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. Additional double seal protects the bearing from contaminant penetration and ensures a longer service life of the bearing. This sealing provides maximum protection against liquid or solid contaminants, which significantly extends bearing service life.

