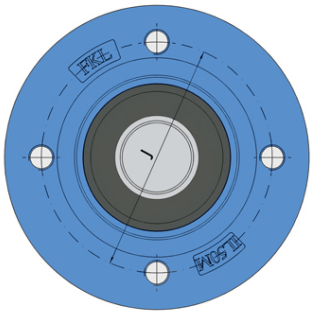
Integrated Flange, Maintenance-Free Bearing For Independent Discs

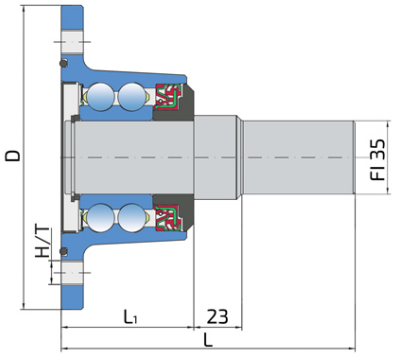
IL50S-110/4T-D35

Integrated Flange, Maintenance-Free Bearing For Independent Discs

Disc Harrow







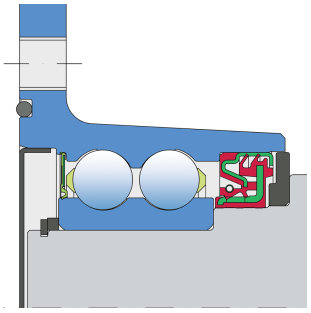


Technical Specification

J	Pitch circle diameter	110	mm
D	Outside diameter	145	mm
H/T	Hole/Thread	4xM12x1.25	mm
M	Outher Thread	35	mm
L	Total length	140	mm
L1	Total flange length	63	mm
kg	Mass	3.317	kg
Cdyn	Dynamic load rating	48.76	kN
Co	Static load rating	35.5	kN
Pu	Fatigue load limit	1.49	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 and 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.
