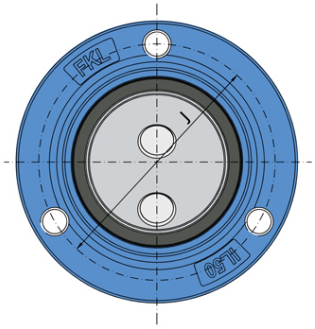
Integrated Flange, Maintenance-Free Bearing For Independent Discs

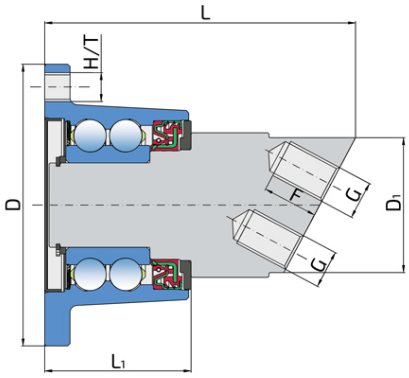
IL50S-98/3T-2xM16

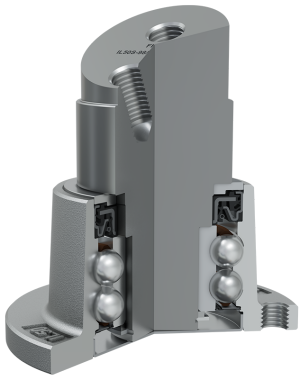
Integrated Flange, Maintenance-Free Bearing For Independent Discs

Cultivator







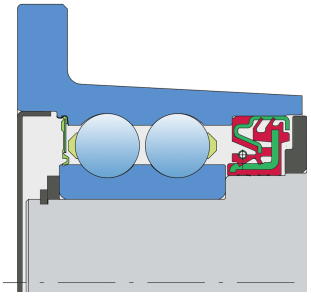


Technical Specification

J	Pitch circle diameter	98	mm
D	Outside diameter	117	mm
D1	Outside diameter	56	mm
H/T	Hole/Thread	M12	mm
G	Internal Thread	2xM16	mm
L	Total length	130	mm
L1	Total flange length	59.8	mm
F	Length of threaded part	23	mm
kg	Mass	3.4	kg
Cdyn	Dynamic load rating	48.76	kN
Co	Static load rating	35.5	kN
Pu	Fatigue load limit	1.49	kN

Sealing

SHEET METAL SHIELD+RS SEAL / DIRTBLOCK SEAL+FORGED COVER PLATE



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.
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.