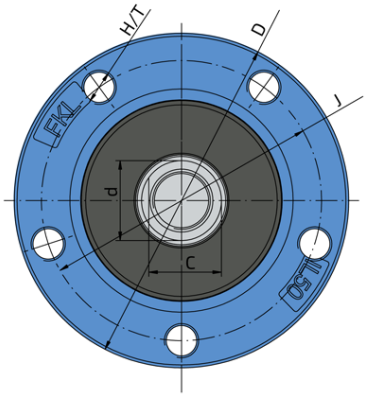
Integrated Flange, Maintenance-Free Bearing For Independent Discs

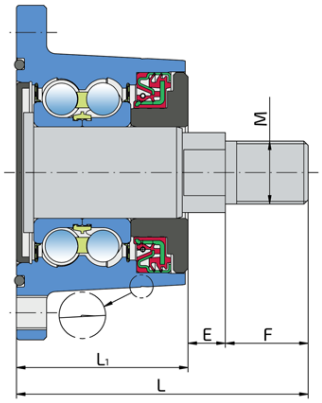
IL50-98/5Tx1.5-M22

Integrated Flange, Maintenance-Free Bearing For Independent Discs

Disc Harrow







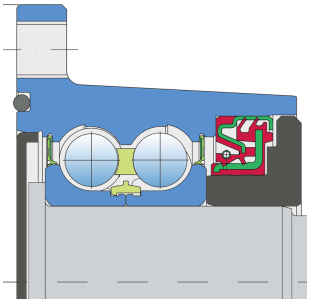


Technical Specification

J	Pitch circle diameter	98	mm
D	Outside diameter	117	mm
H/T	Hole/Thread	5xM12x1.5	mm
d	Bore diameter	27.95	mm
C	D-shape hole cut out dimension	25.4	mm
M	Outher Thread	M22x1.5	mm
L	Total length	102	mm
L1	Total flange length	60	mm
E	Length of D shape	13	mm
F	Length of threaded part	29	mm
kg	Mass	2.498	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 / 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.