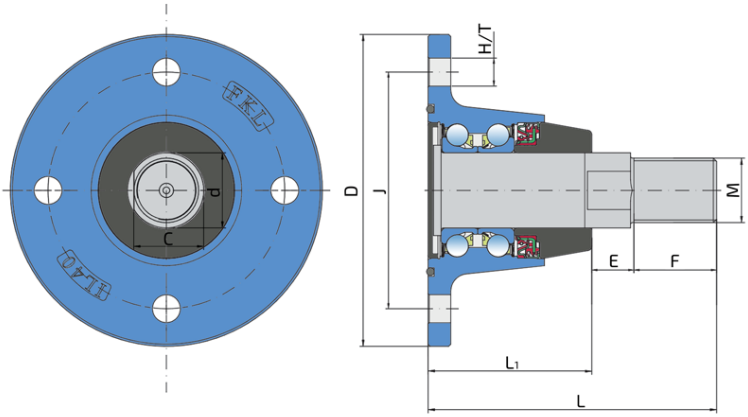
Integrated Flange, Maintenance Free Bearing

IL40-110/4H-M30x2

Integrated Flange, Maintenance Free Bearing

Disc Harrow

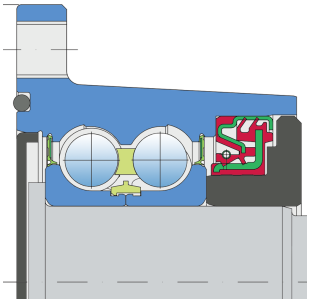


Technical Specification

J	Pitch circle diameter	110	mm
D	Outside diameter	145	mm
H/T	Hole/Thread	4x13	mm
d	Shaft diameter	34.9	mm
C	D-shape hole cut out dimension	32.4	mm
M	Outher Thread	M30x2	mm
L	Total length	134	mm
L1	Total flange length	76	mm
E	Length of D shape	20	mm
F	Length of threaded part	38	mm
kg	Mass	3.2	kg
Cdyn	Dynamic load rating	42.9	kN
Co	Static load rating	36.3	kN
Pu	Fatigue load limit	1.53	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.