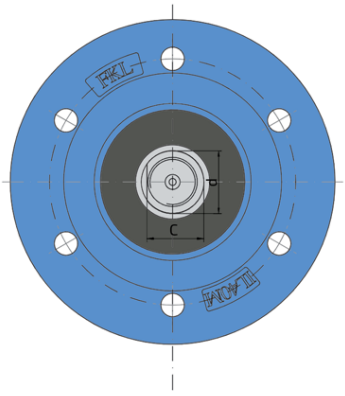
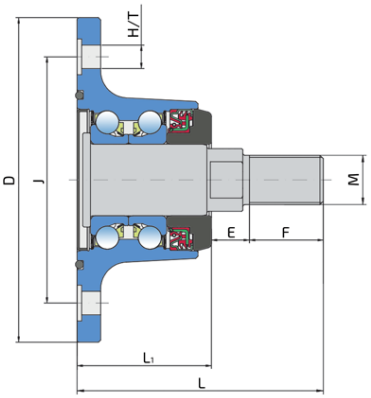
Integrated Flange, Maintenance Free Bearing

IL40-110/6H-M22x1.5

Integrated Flange, Maintenance Free Bearing

Disc Harrow



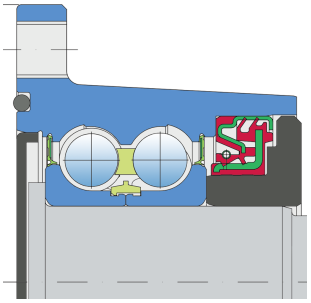


Technical Specification

J	Pitch circle diameter	110	mm
D	Outside diameter	145	mm
H/T	Hole/Thread	6x10.5	mm
d	Shaft diameter	28	mm
C	D-shape hole cut out dimension	25.4	mm
M	Outher Thread	M22x1.5	mm
L	Total length	110	mm
L1	Total flange length	60	mm
E	Length of D shape	17	mm
F	Length of threaded part	33	mm
kg	Mass	2.62	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.