Brand of NTN Group

Technical data

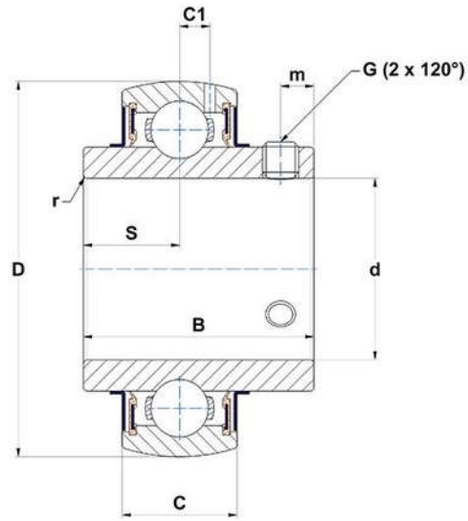
MUC205FD

Insert bearings



Stainless steel insert, spherical outer diameter with locking pin, fixing by socket set screw, seal with slinger, food grease

VISUAL (S)



PRODUCT DEFINITION

Brand	SNR
B - Width of Inner Ring	34,1 mm
C - Width of Outer Ring	17 mm
C1 - Distance center of OR to center of lubrication zone	4,5 mm
d - Shaft diameter	25 mm
D - Outer diameter of OR	52 mm
G - Set screw size	M6x1
m - Distance to set screw	5 mm

MUC205FD
Insert bearings

PRODUCT DEFINITION	
r - Radius Inner Ring	1.5
S - Distance front side/bearing centre	14,3 mm
f0 - Factor	14
SW - Wrench size	3 mm

PRODUCT PERFORMANCE	
C - Dynamic load rating	11900000 mN
C0 - Static load rating	6300000 mN
Operating temperature min.	253,15 °K
Operating temperature max.	373,15 °K

OTHER FEATURES	
Mass	0,19 kg
Recommended tightening torque for set screw	3.9 N-m

BEARING FREQUENCIES	
BPFO - Over rolling frequency on outer ring (60 rpm)	3.58407692307692 Hz
BPFI - Over rolling frequency on inner (60 rpm)	5.41592307692308 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	4.70953788010931 Hz
BRF - Rotational frequency – rolling element (60 rpm)	2.35476894005466 Hz
FTF - Rotational frequency - cage (60 rpm)	0.398230769230769 Hz