Brand of NTN Group

Technical data

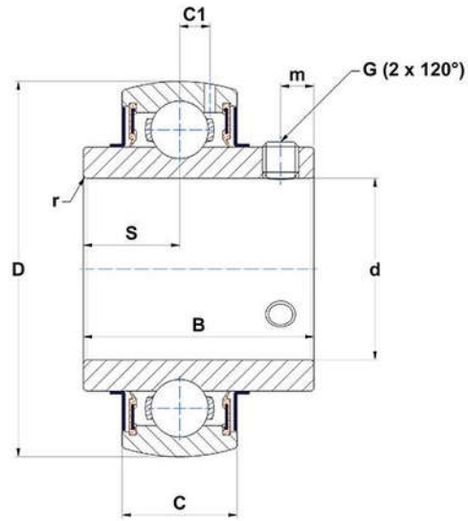
MUC207-20FD

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	42,9 mm
C - Width of Outer Ring	20 mm
C1 - Distance center of OR to center of lubrication zone	5,791 mm
d - Shaft diameter	31,75 mm
D - Outer diameter of OR	72 mm
G - Set screw size	5/16-24UNF
m - Distance to set screw	6 mm

MUC207-20FD
Insert bearings

PRODUCT DEFINITION	
r - Radius Inner Ring	2
S - Distance front side/bearing centre	17,5 mm
f0 - Factor	14
SW - Wrench size	3,969 mm

PRODUCT PERFORMANCE	
C - Dynamic load rating	22000000 mN
C0 - Static load rating	12300000 mN
Operating temperature min.	253,15 °K
Operating temperature max.	373,15 °K

OTHER FEATURES	
Mass	0,48 kg
Recommended tightening torque for set screw	8.3 N-m

BEARING FREQUENCIES	
BPFO - Over rolling frequency on outer ring (60 rpm)	3.5824128440367 Hz
BPFI - Over rolling frequency on inner (60 rpm)	5.4175871559633 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	4.70025803484967 Hz
BRF - Rotational frequency – rolling element (60 rpm)	2.35012901742483 Hz
FTF - Rotational frequency - cage (60 rpm)	0.398045871559633 Hz