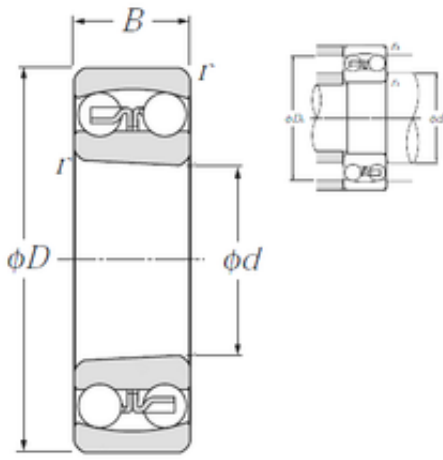




Timken BEARINGS INDUSTRY



Tapered bore

90 mm x 190 mm x 64 mm NTN 2318SK self aligning ball bearings

Bearing No. 2318SK

2318SK Bearing 2D drawings and 3D CAD models

Size	90x190x64 mm
Bore Diameter	90 mm
Outer Diameter	190 mm
Width	64 mm
d	90 mm
D	190 mm
B	64 mm
C	64 mm
r min.	3 mm
da min.	103 mm
Da max.	177 mm
ra max.	2,5 mm
Weight	7,76 Kg
Basic dynamic load rating (C)	154 kN
Basic static load rating (C0)	57,5 kN
(Grease) Lubrication Speed	2 800 r/min
(Oil) Lubrication Speed	3 600 r/min
Calculation factor (e)	0,38
Calculation factor (Y0)	1,7
Calculation factor (Y1)	1,7
rs min	3 mm
Associated sleeve reference	H2318X
e	0.38
Y1	1.7
Y2	2.6



Timken BEARINGS INDUSTRY

Y0	1.7
Radial clearance class	CN
Precision class	P0
Mass	7.76 kg
Dynamic load, C	154 kN
Static load, C0	57.5 kN
Nlim (oil)	3,600 rpm
Nlim (grease)	2,800 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
da min	103 mm
da max	117 mm
db min	99 mm
Ce min	6 mm
Da max	177 mm
ra max	2.5 mm