

# ISB TSM 20 RB spherical roller bearings

ISB TSM 20 RB spherical roller bearings manufacturer and 93 mm B global supplier of reliable ball and 280 mm D roller ... ISB TSM 20 RB spherical roller bearings Industries Products Manufacturing & Engineering and Agricultural Bearings designed to meet the unique requirements of our 130 mm d targeted industries.

d	130 mm
D	280 mm
B	93 mm
d2	164.7 mm
D1	243 mm
rs min	4 mm
Number of lubrication holes	3
b	18.9 mm
k	9 mm
Associated sleeve reference	H2326
e	0.33
Y1	2.06
Y2	3.06
Y0	2.01
Radial clearance class	C3
Mass	26.35 kg
Dynamic load, C	1,330 kN
Static load, C0	1,400 kN
Fatigue limit load, Cu	113 kN
Nref	1,800 rpm

N <sub>lim</sub>	2,400 rpm
Min operating temperature, T <sub>min</sub>	-40 °C
Max operating temperature, T <sub>max</sub>	200 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.96 Hz
Characteristic outer ring frequency, BPF <sub>0</sub>	6.08 Hz
Characteristic inner ring frequency, BPF <sub>I</sub>	8.92 Hz
d <sub>a min</sub>	147 mm
d <sub>b min</sub>	142 mm
C <sub>e min</sub>	8 mm
D <sub>a max</sub>	263 mm
r <sub>a max</sub>	3 mm