

ISB GEG 90 ES 2RS plain bearings

ISB GEG 90 ES 2RS plain bearings manufacturer and global supplier of reliable ball and roller ... ISB GEG 90 ES 2RS plain bearings Industries Products Manufacturing & Engineering and Agricultural Bearings 120x215x40 Size (mm) designed to meet the unique requirements of our targeted industries.

Size (mm)	120x215x40
Bore Diameter (mm)	120
Outer Diameter (mm)	215
Width (mm)	40
d	120 mm
D	215 mm
B	40 mm
C	40 mm
Angle (α)	15 °
d1	153.2 mm
D1	181.8 mm
D2	199.1 mm
a	42 mm
Contact angle α	15 °
rs min	2.1 mm
r1s min	1.1 mm
f θ	14.81
Precision class	P4
Mass	5.6 kg
Dynamic load, C	189 kN

Static load, C_0	187 kN
Fatigue limit load, C_u	7.7 kN
N_{lim} (oil)	9,900 rpm
N_{lim} (grease)	6,300 rpm
Axial displacement K Factor	0.95
Preload level	7
Preload value	1.14 kN
Axial rigidity	165 N/ μ m
Radial rigidity	956 N/ μ m
Min operating temperature, T_{min}	-30 °C
Max operating temperature, T_{max}	120 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.7 Hz
Characteristic outer ring frequency, BPF $_0$	6.68 Hz
Characteristic inner ring frequency, BRFI	9.32 Hz
$d_{a min}$	132 mm
$d_{b min}$	132 mm
$D_{a max}$	203 mm
$D_{b max}$	203 mm
$r_{1a max}$	1 mm
$r_a max$	2 mm
D6	157.5 mm