



Technical sheet

SNR Reference 6004 HT200 Radial-Contact Single-Row Ball Bearing with 2 Seals

Main characteristics

Bore diam. (d) : 20 mm (+0, -10) μ
 Outside diam. (D) : 42 mm (+0, -11) μ
 IR width (B) : 12 mm (+0, -120) μ
 OR width (C) : (+0, -120) μ
 Total width (T) :
 Pitch diameter : 31 mm
 Number of rolling element : 9
 Rolling element diameter : 6.35 mm
 Weight : 0.07 kg
 Recommended minimum temperature : -20
 Recommended maximum temperature : 200
 Grease speed limit : 4800 tr/min
 Oil speed limit :
 Sealing : High temperature seal

Application conditions

Operating temperature : -
 Operating speed : -

Life duration

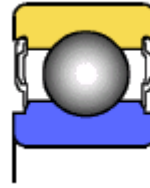
ISO dynamic load rating (C) : 940 daN
 Dynamic radial load : -
 Dynamic thrust load : -
 L10 life duration (ISO) : -
 a2 coefficient : 1

Safety factor

ISO static load rating (Co) : 500 daN
 Static radial load (Fro) : -
 Static thrust load (Fao) : -
 Safety factor (Fs) : -

Fittings

Inner ring fitting : -
 Outer ring fitting : -



Vibration frequencies (Hz) based on the inner ring rotating at 60 tr/min RPM

Cage Frequency : 0.397
 Rolling Element Frequency : 4.677
 OR Frequency : : 3.578
 IR Frequency : : 5.421
 For rotating outer ring, please contact SNR.

Lubrication

Oil : -

Grease : -

Minimum oil flow : -
 Initial quantity of grease : -

<https://www.snr-bearings.com/catalogue/fr/en-en/index.cfm?page=/catalogue/home/industry&method=SD.productDetail&id=6004HT200>
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