



**Bearing No. HK1212D**

|   |             |
|---|-------------|
| D   | 18,000 mm   |
| C   | 12,000 mm   |
| k   | 2 mm        |
| Fw  | 12,000 mm   |
| Dw  | 2 mm        |
| Lw  | 7.3 mm      |
| Cr  | 6.6 kN      |
| C0r   | 7.3 kN      |
| Mass  | 0.0091 kg   |
| Size (mm)                                     | 12x18x12    |
| Width (mm)                                    | 12,000      |
| Nlim (oil)                                    | 20,000 rpm  |
| Nlim (grease)                                 | 13,000 rpm  |
| Bearing number                                | HK1212D     |
| Bore Diameter (mm)                            | 12,000      |
| Outer Diameter (mm)                           | 18,000      |
| Inner ring reference                          | IR8X12X12.5 |
| Lubrication hole on outer ring                | Oui/Yes     |
| Min operating temperature, Tmin               | -20 °C      |
| Max operating temperature, Tmax               | 120 °C      |
| Characteristic cage frequency, FTF            | 0.43 Hz     |
| Characteristic outer ring frequency, BPF0     | 6 Hz        |
| Characteristic inner ring frequency, BPF1     | 8 Hz        |
| Characteristic rolling element frequency, BSF | 6.86 Hz     |