



## SNR Bearing Argentina



MLE71906HVUJ74S Bearing 2D drawings and 3D CAD models

30 mm x 47 mm x 9 mm SNR  
MLE71906HVUJ74S angular contact ball bearings

Bearing No. MLE71906HVUJ74S

|                             |            |
|-----------------------------|------------|
| Size                        | 30x47x9 mm |
| Bore Diameter               | 30 mm      |
| Outer Diameter              | 47 mm      |
| Width                       | 9 mm       |
| d                           | 30 mm      |
| D                           | 47 mm      |
| B                           | 9 mm       |
| C                           | 9 mm       |
| Angle ( ° )                 | 20 °       |
| d1                          | 35.1 mm    |
| d2                          | 33.9 mm    |
| D1                          | 42.15 mm   |
| D2                          | 43.45 mm   |
| a                           | 13 mm      |
| Contact angle               | 25 °       |
| rs min                      | 0.3 mm     |
| r1s min                     | 0.3 mm     |
| f0                          | 8.38       |
| Precision class             | P4S        |
| Mass                        | 0.05 kg    |
| Dynamic load, C             | 4.4 kN     |
| Static load, C0             | 2.65 kN    |
| Fatigue limit load, Cu      | 0.15 kN    |
| Nlim (grease)               | 35,000 rpm |
| Axial displacement K Factor | 0.8        |
|                             |            |



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|   |                |
|---|----------------|
| Preload level                                 | 7              |
| Preload value                                 | 0.035 kN       |
| Axial rigidity                                | 58 N/ $\mu$ m  |
| Radial rigidity                               | 128 N/ $\mu$ m |
| Min operating temperature, T <sub>min</sub>   | -20 ° C        |
| Max operating temperature, T <sub>max</sub>   | 120 ° C        |
| Characteristic cage frequency, FTF            | 0.45 Hz        |
| Characteristic rolling element frequency, BSF | 9.46 Hz        |
| Characteristic outer ring frequency, BPF0     | 9.96 Hz        |
| Characteristic inner ring frequency, BRFI     | 12.04 Hz       |
| da min  | 32.5 mm        |
| db min  | 32.5 mm        |
| Da max  | 44.5 mm        |
| Db max  | 44.5 mm        |
| r1a max                                       | 0.3 mm         |
| ra max  | 0.3 mm         |
| D6  | 36.5 mm        |