

# AST AST50 112IB32 plain bearings

AST AST50 112IB32 plain bearings Warehouse offers car parts and car accessories. We sell discount online as well 19 mm B as cheap machinery parts. 45 mm d

|   |           |
|---|-----------|
| d   | 45 mm     |
| D   | 85 mm     |
| B   | 19 mm     |
| d1  | 60.8 mm   |
| d2  | 50.2 mm   |
| D1  | 80.2 mm   |
| D2  | 60.8 mm   |
| a   | 37 mm     |
| Contact angle $\alpha$                        | 40 °      |
| rs min  | 1.1 mm    |
| r1s min                                       | 0.6 mm    |
| Mass  | 0.41 kg   |
| Dynamic load, C                               | 34.1 kN   |
| Static load, C0                               | 26.3 kN   |
| Fatigue limit load, Cu                        | 1.2 kN    |
| Nref  | 8,400 rpm |
| Nlim  | 9,100 rpm |
| Min operating temperature, Tmin               | -20 °C    |
| Max operating temperature, Tmax               | 120 °C    |
| Characteristic cage frequency, FTF            | 0.42 Hz   |
| Characteristic rolling element frequency, BSF | 5 Hz      |
| Characteristic outer ring frequency, BPF0     | 5.95 Hz   |

|   |         |
|---|---------|
| Characteristic inner ring frequency, BPFI | 8.05 Hz |
| da min                                    | 52 mm   |
| db min                                    | 52 mm   |
| Da max                                    | 78 mm   |
| Db max                                    | 80.5 mm |
| r1a max                                   | 0.6 mm  |
| ra max                                    | 1 mm    |