



YUKEN Single Vane Pump Ltd.



6004 Bearing 2D drawings and 3D CAD models

Ceramic Deep Groove Ball Bearing 6004 (6000
6001 6002 6003 6004 6005 6006 6007 6008 6009
6010 6020 6030 6200 6202 6205 6210 6220 6230
6300 608 625 626 685 695)

Bearing No. 6004

| | |
|--------------------|--|
| Size | 20x42x12 mm |
| Bore Diameter | 20 mm |
| Outer Diameter | 42 mm |
| Width | 12 mm |
| d | 20 mm |
| D | 42 mm |
| B | 12 mm |
| D ₁ | 35,5 mm |
| D _{a max} | 38,8 mm |
| d ₁ | 26,6 mm |
| d _{a min} | 23,2 mm |
| r _{a max} | 0,6 mm |
| r _{min} | 0,6 mm |
| m | 0,069 kg / Weight |
| C _r | 10000 N / Dynamic load rating (radial) |
| C _{0r} | 5000 N / Static load rating (radial) |
| n _G | 24800 1/min / Limiting speed |
| n _B | 18200 1/min / Reference speed |
| C _{ur} | 255 N / Fatigue limit load, radial |