

PRODUCT DATASHEET

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6914DDU

Single-Row Deep Groove Ball Bearings

Boundary Dimensions

| а | /0 | mm | Bore diameter | |
|-----------------|-------|-------|---------------------------|--|
| D | 100 | mm | Outside diameter | |
| В | 16 | mm | Width | |
| r (min.) | 1 | mm | Chamfer dimension | |
| Basic Load Rati | ngs | | | |
| Cr | 26100 | N | Basic dynamic load rating | |
| COr | 21200 | N | Basic static load rating | |
| Speeds | | | | |
| Grease | 3600 | min-1 | Greace lubrication | |

Abutment and Fillet Dimensions

| da (min.) | 75 | mm | Diameter of shaft abutment | |
|-----------|------|----|-----------------------------------|--|
| da (max.) | 77.5 | mm | Diameter of shaft abutment | |
| Da (max.) | 95 | mm | Diameter of housing abutment | |
| ra (max.) | 1 | mm | Radius of shaft or housing fillet | |

Calculation factors

| fo | 16.0 | Factor | |
|----|------|--------|--|
| 10 | 16.3 | racioi | |

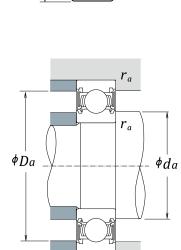
Additional information

Mass approx.

0.349

| Z | 17 | | Number of Balls |
|------|-------|----|-----------------|
| Dw | 8.731 | mm | Ball Diameter |
| Mass | | | |

Mass approx.



φd

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