



PRODUCT DATASHEET

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MOTION & CONTROL
NSK



NJ2226EM

Single-Row Cylindrical Roller Bearings

Boundary Dimensions

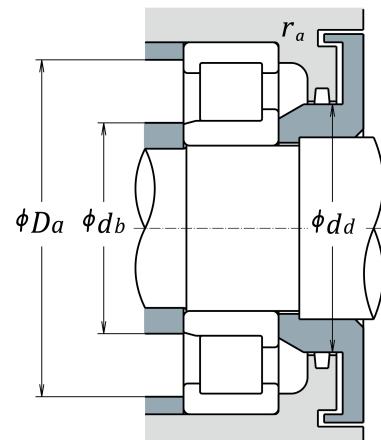
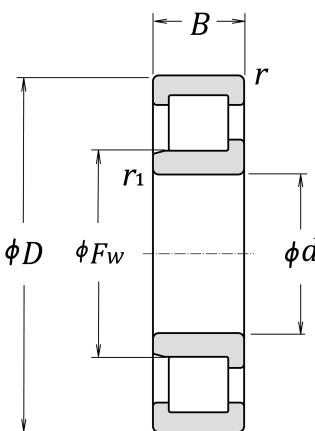
| | | | |
|-----------|-------|----|--------------------------------|
| d | 130 | mm | Bore diameter |
| D | 230 | mm | Outside diameter |
| B | 64 | mm | Width |
| FW | 153.5 | mm | Raceway diameter of inner ring |
| r (min.) | 3 | mm | Chamfer dimension |
| r1 (min.) | 3 | mm | Chamfer dimension |

Basic Load Ratings

| | | | |
|-----|--------|---|---------------------------|
| Cr | 650000 | N | Basic dynamic load rating |
| C0r | 735000 | N | Basic static load rating |

Speeds

| | | | |
|-------------------------------------|------|-------|---------------------------------------------------------------------|
| Thermal Speed Rating (Oil-bath) | 3400 | min-1 | Oil-bath lubrication subject to conditions outlined in ISO 15312 |
| Mechanical (forced-circulation oil) | 4500 | min-1 | Properly designed and controlled forced-circulation oil lubrication |
| Grease | 2400 | min-1 | Grease lubrication |
| Oil (Oil-bath) | 3000 | min-1 | Oil-bath lubrication |



Abutment and Fillet Dimensions

| | | | |
|-----------|-----|----|--------------------------------------------|
| da (min.) | 143 | mm | Diameter of shaft abutment |
| db (min.) | 143 | mm | Diameter of shaft / spacer sleeve abutment |
| db (max.) | 150 | mm | Diameter of shaft / spacer sleeve abutment |
| dc (min.) | 158 | mm | Diameter of shaft abutment |
| dd (min.) | 168 | mm | Diameter of shaft abutment |
| Da (max.) | 217 | mm | Diameter of housing abutment |
| ra (max.) | 2.5 | mm | Radius of shaft or housing fillet |
| rb (max.) | 2.5 | mm | Radius of shaft or housing fillet |

Mass

| | | | |
|--------------|------|----|--------------|
| Mass approx. | 11.9 | kg | Mass approx. |
|--------------|------|----|--------------|