

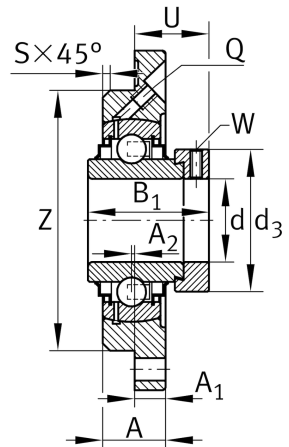
**RME50-XL-N**

Flanged housing unit

Housing units RME, four-bolt flanged housing units, cast iron, centring spigot, eccentric locking collar, R seals

X-life

Technical information



Your current product variant

| | | |
|----------|----|---|
| Groove | N | Cast iron housing with undercut slot for end caps |
| Material | GG | Grey cast iron |

Main Dimensions & Performance Data

| | | |
|-----------------|----------|-----------------------------------|
| d | 50 mm | Bore diameter |
| H | 165 mm | Height flange |
| B ₁ | 62,8 mm | Locking collar total width |
| U | 37,1 mm | Total height unit |
| C _r | 35.000 N | Basic dynamic load rating, radial |
| C _{0r} | 23.200 N | Basic static load rating, radial |
| C _{ur} | 990 N | Fatigue load limit, radial |
| ≈m | 2,334 kg | Weight |

Mounting dimensions

| | | |
|---|--------|-------------------------------|
| J | 135 mm | Pitch circle diameter (holes) |
| N | 14 mm | Fixing bore |
| Z | 110 mm | Diameter spigot |
| | h8 | Diameter spigot clearance |
| n | 4 | Number of screwing holes |



Dimensions

| | | |
|----------------|-------|-----------------------------------|
| A | 25 mm | Height housing |
| A ₁ | 13 mm | Thickness of flange |
| A ₂ | 1 mm | Distance raceway |
| S | 3 mm | Chamfer width |
| Q | M8X1 | Connection thread for lubrication |

Additional information

| | |
|---------------|---------------------|
| 1 | Number of housings |
| GG.ME10 | Housing |
| GE50-XL-KRR-B | Bearing designation |
| KASK10 | Protecting cap |

Temperature range

| | | |
|------------------|--------|----------------------------|
| T _{min} | -20 °C | Operating temperature min. |
| T _{max} | 120 °C | Operating temperature max. |