

**FAG****UCF209-27** [↗](#)

Flanged housing unit

Flanged housing unit UCF

Technical information

**Your current product variant**

| | | |
|----------|----|----------------|
| Material | GG | Grey cast iron |
|----------|----|----------------|

Main Dimensions & Performance Data

| | | |
|-----------------|-----------|-----------------------------------|
| d | 42,862 mm | Bore diameter |
| L | 137 mm | Flange width |
| U | 52,2 mm | Total height unit |
| C _r | 34.500 N | Basic dynamic load rating, radial |
| C _{0r} | 20.400 N | Basic static load rating, radial |
| C _{ur} | 1.060 N | Fatigue load limit, radial |
| ≈m | 2,337 kg | Weight |

Mounting dimensions

| | | |
|----------------|--------|--------------------------|
| J | 105 mm | Distance fixing bore |
| N | 16 mm | Fixing bore |
| N ₁ | 105 mm | Distance fixing bore |
| n | 4 | Number of screwing holes |



Dimensions

| | | |
|----------------|---------|-----------------------------------|
| A | 38 mm | Height housing |
| A ₁ | 18 mm | Thickness of flange |
| A ₂ | 22 mm | Distance raceway |
| B | 49,2 mm | Width |
| Q | M6 | Connection thread for lubrication |

Additional information

| | |
|----------|---------------------|
| 1 | Number of housings |
| F209 | Housing |
| UC209-27 | Bearing designation |

Temperature range

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