

**HFL1426** [↗](#)

Drawn cup roller clutch

Drawn cup roller clutch HFL, with bearing

## Technical information

## Your current product variant

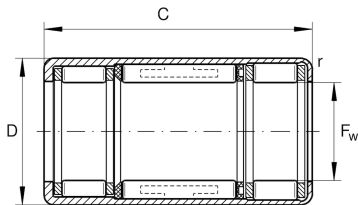
|                        |          |                                           |
|------------------------|----------|-------------------------------------------|
| Lubricant              | L564     | Grease (L564/standart specific - dynamic) |
| Coating                | Without  |                                           |
| Shape of outer surface | Without  | Smooth outside surface                    |
| Spring design          | Standard | Steel pressure springs                    |

## Main Dimensions &amp; Performance Data

|             |             |                                        |
|-------------|-------------|----------------------------------------|
| $F_w$       | 14 mm       | Under roller diameter                  |
| $D$         | 20 mm       | Outside diameter                       |
| $C$         | 26 mm       | Width, outer ring                      |
| $C_r$       | 6.800 N     | Basic dynamic load rating, radial      |
| $C_{0r}$    | 7.800 N     | Basic static load rating, radial       |
| $r_{min}$   | 0,3 mm      | Minimum chamfer dimension              |
| $C_{ur}$    | 1.100 N     | Fatigue load limit, radial             |
| $n_{GA}$    | 8.000 1/min | Limiting speed for rotating outer ring |
| $n_{GW}$    | 9.500 1/min | Limiting speed for rotating shaft      |
| $\approx m$ | 20,3 g      | Weight                                 |

## Mounting dimensions

|             |         |                    |
|-------------|---------|--------------------|
| $M_{d per}$ | 17,3 Nm | Permissible torque |
|-------------|---------|--------------------|





### Temperature range

|            |        |                            |
|------------|--------|----------------------------|
| $T_{\min}$ | -10 °C | Operating temperature min. |
| $T_{\max}$ | 70 °C  | Operating temperature max. |

### Characteristics

-  Radial load
-  Grease Lubrication
-  Not sealed
-  Small design envelope
-  One way clutch