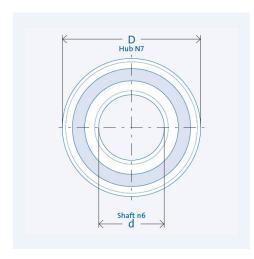
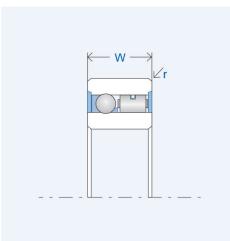
# Ball Bearing Freewheel Clutch Unit FK 6208









## Item number 301078

## Components

Freewheel clutch Insert Element FE 400 Z2

· Rings Bearing steel, hardened and ground

Inner ring Press fit
Outer ring Press fit

Ball bearings integrated

# Key values

Ø Shaft d: 40 mm Ø Hub D: 80 mm Installed width W: 18 mm Torque T<sub>nom</sub>: 267 Nm Speed  $n_{\text{max}}$ : 3700 rpm Weight: 0.45 kg Load capacity C<sub>dyn</sub>: 8849 N Load capacity C<sub>stat</sub>: 7752 N Edge radius r: 1.5 mm Operating temperature: max. 140°C

## Lubrication

## without seals

delivered with corrosion protection only external oil- or grease lubrication required with seals (-RS/-2RS)

incl. operative lifetime grease lubrication

## Installation

#### Installation tolerances

Shaft n6; hub N7

## Mating parts

Hardening and grinding of the mating parts is not necessary. Thoroughly clean (grease free) the mating parts in the vicinity of the freewheel clutch as well as the freewheel clutch's rings before making the press fit.

#### Bearing

The freewheel clutch includes ball and roller bearings. Additional external bearing support is not necessary.

#### Press fit pressure

Press fit pressure must not be applied to the balls.

## Clamping direction

The arrow on the inner ring designates the inner ring's clamping direction.