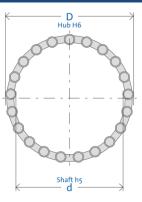


# Data Sheet Freewheel Clutches









Part Number	RL 414 - 4
Туре	Roller Bearing

## **Shaft & Housing Tolerances**

Shaft Tolerance	h5
Housing Tolerance	H6
Shaft & Housing Hardness	HRC 60 <sup>+4</sup> , Ehd <sup>1</sup> ≥ 1.3 mm
Shaft & Housing Surface	R <sub>z</sub> ≤ 2.5 µm

### **Geometrical Data**

Inner Diameter	d [mm]	6
Outer Diameter	D [mm]	14
Width	W [mm]	6

### **Ratings**

Max. Static Radial Load	[N]	2,112
Max. Dynamic Radial Load	[N]	3,575
Max. Speed (Grease)	[rpm]	37,000
Max. Speed (Oil)	[rpm]	50,000
Max. Operating Temperature	[°C]	170

#### Notes:

- 1. Effective hardness depth, equivalent to case hardness depth (CHD).
- 2. Stated speed ratings are contingent on utilizing specified tolerances, correct installation techniques, and operating conditions below the specified maximums. If specific applications differ, please consult GMN USA engineers.