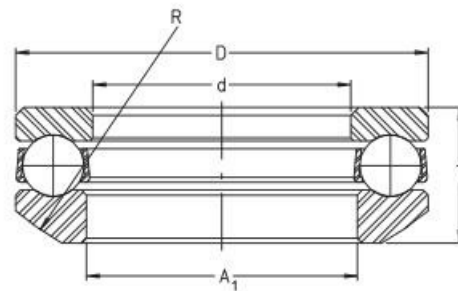


# 4114



## Technical sheet of 4114

### What are the Benefits of choosing 4114 bearings?

- **Specifically designed to withstand axial forces:** Designed to handle unidirectional or bidirectional axial loads, but not radial forces.
- **Supports high-speed operation:** Point contact design results in low friction and minimal heat generation, allowing for higher speeds.
- **Easy to install and detach:** The shaft and seat can be installed separately for convenient maintenance.
- **Saves axial space:** Compact structure, suitable for applications with limited installation space.

Type :	Single direction thrust ball bearings	
Model :	<a href="#">4114</a>	
Old Code :	4114	
Main demensions :	70 mm × 103 mm × 32 mm	Bore Dia × Outside Dia × Width Dia
M kg:	0.816	Mass
HS Code :	8482104000	Bearing customs code
d mm:	70	inner ring diameter
D mm:	103	Outer ring diameter
B(T) mm:	32	Overall Width
Oil r/min:	2300	Limiting speed

### Detailed parameters and installation dimensions:

d: 2.756 inch, d: 70 mm, D: 4.055 inch, D: 103 mm, T: 1.260 inch, T: 32 mm, Weight: 1.799 lbs, Weight: 0.816 kg, DYN.CAP.: 16600 lbf, DYN.CAP.: 74000 N, STAT.CAP.: 42000 lbf, STAT.CAP.: 187000 N, SPEED LIMIT: 2300 rpm, SEAT RADIUS(R): 85 mm, BORE(A1): 2.835 inch

Medium cross section  
Grooved race  
Single direction  
Separable axial contact  
Static alignment =  $\pm 3.00$   
Available in non aligning 900 series

### What are the applications of the 4114 bearing?

- **Automotive Industry:** Used in clutches, steering gears, and transmissions to ensure smooth and flexible shifting and steering.
- **Electric Motors and Tools:** Used in vertical motors, power tools, and speed reducers to support the rotor's weight and axial load, improving rotational stability.
- **Light Industrial Machinery:** Used in textile equipment, packaging machinery, and food processing machinery to provide stable axial support, ensuring reliable operation and a compact structure.

**Tradebearing(TBS):** <https://en.tradebearings.com/>

Email: [admin@tradebearings.com](mailto:admin@tradebearings.com)

Whatsapp/Mob.: +86 15906428604