

LR 202 SERIES CHAIN ROLLER FOR PLASTIC FILM STRETCHING MACHINES

JESA.
bearing solutions

SOLUTION ADVANTAGES

- Swiss engineered and produced for the last 10 years
- Tested and approved by the german industry
- Swiss quality controlled raw material
- Special heat treatment for high temperature up to 250°C
- Long life and high temperature grease
- Viton optimized friction seal
- Steel cage for high temperature
- Superfinished raceways for accurate rotation
- Double sided greasing process
- Longlife for less maintenance and higher productivity
- Fits application standard



 LR 202 2BRS
100% MADE IN SWITZERLAND

TECHNICAL SPECIFICATIONS

SINGLE ROW BEARING

Product name	: LR 202 2BRS
Inner diameter	: 15 mm
Outer diameter	: 40 mm (LR 202-40 2BRS)
Width	: 11 mm
Dynamic load capacity	: 5'800 N (CwT)
Operating temperature	: up to 250°C

OTHER AVAILABLE DIMENSIONS

Outer diameter	: 34 mm (LR 201-34 2BRS)
	: 42 mm (LR 202-42 2BRS)

DOUBLE ROW BEARING

Product name	: LRD 17/40-18 KLL
Outer diameter	: 40 mm
Inner diameter	: 17 mm
Width	: 18 mm
Dynamic load capacity	: 6'000 N (CwT)
Operating Temperature	: up to 250°C

SEALING

Single row	LR 202	: Labyrinth Viton
Double row	LRD 17/40-18	: Labyrinth Steel

APPLICATION SPECIFICATIONS

After controlled cooling, the primary film passes through the longitudinal stretching machine, where the film is stretched in machine direction by several groups of driven rollers, which are running at different speeds.

In the following transverse stretching machine, the film is gripped by clips on both sides and stretched in width with heat applied. Cross loads up to 3,500 N per clip can occur. Material and bearings have to withstand temperatures in the range of 100 to 250°C at production speeds between 100 and 500m/min according to output and film thickness.

