

Bearing Selection

Bearing designation	Not selected
Bearing Selection	Cylindrical roller bearings
Type	Non-locating
Select cage	Steel cage
Inner diameter (mm)	120
Outer diameter (mm)	215
Bearing Width (mm)	76

Operating conditions

Speed [rpm]	1000
Operating Temperature	Moderate: 63-78°C
Load	Low
Ambient Temperature	Average
Replenishment	From the side

Length of operation [hours/day]	24
Contamination	High
Shock Load	No
Shaft Orientation	Horizontal
Rotating Outer Ring	No

Lubricant and Grease selection

Lubricator	LAGD 125 ml
Grease	LGHB 2

Operational Results

Corrected Interval	1200 h
Grease Quantity	81.70 g
Feed Rate	1.58 g/day
Lubricator Setting	2 Months



In case of ingress of contamination, more frequent relubrication than indicated by the relubrication interval will reduce the negative effects of foreign particles on the grease while reducing the damaging effects caused by overrolling the particles. Fluid contaminants (water, process fluids) also call for a reduced interval. In case of severe contamination, continuous relubrication should be considered.