

## Bearing Selection

Bearing designation	Not selected
Bearing Selection	Deep groove ball bearings
Inner diameter (mm)	120
Outer diameter (mm)	215
Bearing Width (mm)	76

## Operating conditions

Speed [rpm]	1000
Operating Temperature	Moderate: 63-78°C
Load	Moderate
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 60 ml
Grease	LGWA 2

## Operational Results

Corrected Interval	2300 h
Grease Quantity	81.70 g
Feed Rate	0.85 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.