

**RSL182207-A-XL**

## Cylindrical roller bearing



Cylindrical roller bearing RSL18.-XL, full complement roller set, single row, non-locating bearing, no outer ring, 2 ribs on inner ring, type RSL18

X-life

## Technical information



## Your current product variant

Tolerance class	PN	Normal (PN)
Number of rolling element rows	1	Single-row design

## Main Dimensions &amp; Performance Data

d	35 mm	Bore diameter
E <sub>w</sub>	63,97 mm	Outer envelope circle
B	23 mm	Width
C <sub>r</sub>	88.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	78.000 N	Basic static load rating, radial
C <sub>ur</sub>	12.900 N	Fatigue load limit, radial
n <sub>G</sub>	6.400 1/min	Limiting speed
≈m	266,87 g	Weight

## Mounting dimensions

d <sub>a min</sub>	47 mm	Minimum diameter shaft shoulder
X	15 mm	Raceway width







### Dimensions

$r_{\min}$	1,1 mm	Minimum chamfer dimension
$d_1$	47 mm	Maximum rib diameter inner ring
$T_K$	52,97 mm	Pitch circle

### Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	120 °C	Operating temperature max.

### Characteristics

-  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed