



## 71811-TN [↗](#)

Angular contact ball bearing

Schrägkugellager 718...-B-TVP, einreihig,  
Kunststoffkäfig

### Technische Informationen



#### Mevcut ürün modeliniz

Design variant	B	B
Sealing	Without	Not sealed
Cage	TVP	Solid cage made of glass-fiber reinforced polyamid PA66
Tolerance class	PN	Normal (PN)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	Without	Bearing not greased

#### Main Dimensions & Performance Data

d	55 mm	Bore diameter
D	72 mm	Outside diameter
B	9 mm	Width
$C_r$	11.800 N	Basic dynamic load rating, radial
$C_{0r}$	11.800 N	Basic static load rating, radial
$C_{ur}$	780 N	Fatigue load limit, radial
$n_G$	11.400 1/min	Limiting speed
$n_{gr}$	5.600 1/min	Reference speed
$\approx m$	0,081 kg	Ağırlık



### Mounting dimensions

$d_{a \min}$	57 mm	Minimum diameter of shaft shoulder
$D_{a \max}$	70 mm	Maximum diameter of housing shoulder
$D_{b \max}$	70,6 mm	Maximum diameter of housing shoulder
$r_{a \max}$	0,3 mm	Maximum fillet radius of shaft
$r_{a1 \max}$	0,2 mm	Maximum fillet radius of housing






### Dimensions

$r_{\min}$	0,3 mm	Minimum chamfer dimension
$r_{1 \min}$	0,2 mm	Minimum chamfer dimension
$D_1$	65,3 mm	Shoulder diameter on outer ring wide side face
$d_1$	61,7 mm	Shoulder diameter on inner ring wide side face
$a$	31,1 mm	Distance between the apexes of the pressure cones
$\alpha$	40 °	Contact angle

### Temperature range

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

### Özellikleri

-   $F_r$  Radyal yük
-   $F_a$  Tek yönde aksel yük
-  Gres yağlama
-  Yağ ile yağlama
-  Kontaksız