



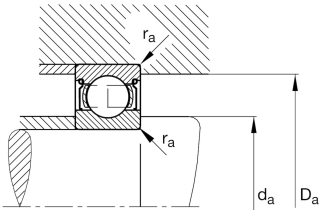
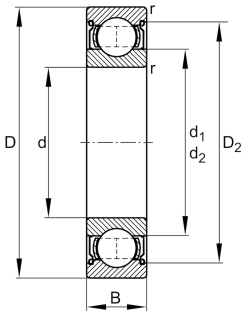
FAG

606-2Z-HLN

Deep groove ball bearing

Deep groove ball bearing 60...-2Z, single row, shields, steel sheet metal cage

Technical information



Your current product variant

Logistical code	HLN	-
Sealing	2Z	Non-contact shield on both sides
Cage	J	Steel sheet metal
Tolerance class	PN	Normal (PN)
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	Lubricating grease	
Radial internal clearance	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	6 mm	Bore diameter
D	17 mm	Outside diameter
B	6 mm	Width
C <sub>r</sub>	1,960 N	Basic dynamic load rating, radial
C <sub>0r</sub>	730 N	Basic static load rating, radial
C <sub>ur</sub>	45.5 N	Fatigue load limit, radial
n <sub>G</sub>	49,000 1/min	Limiting speed
n <sub>gr</sub>	40,000 1/min	Reference speed
≈m	0.006 kg	Weight





Mounting dimensions

$d_{a\min}$	8 mm	Minimum diameter shaft shoulder
$D_{a\max}$	15 mm	Maximum diameter of housing shoulder
$r_{a\max}$	0.3 mm	Maximum fillet radius

Dimensions

$r_{\min}$	0.3 mm	Minimum chamfer dimension
$D_2$	14.7 mm	Caliber diameter outer ring







Temperature range

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

Calculation factors

$f_0$	12.2	Calculation factor
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Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Lifetime lubrication, freedom from maintenance
-  Grease Lubrication
-  Sealed on both sides