

**FAG****51224**

Упорный шарикоподшипник

Axial deep groove ball bearing 512, single direction, steel sheet metal cage

Техническая информация



Your current product variant

| | | |
|----------------------------------|----|--|
| Cage | JP | Steel sheet metal |
| Tolerance class | PN | Tolerance class PN, acc. to DIN 620 |
| Dimensional / heat stabilization | S0 | Кольца со стабилизацией размеров до 150° |

Main Dimensions & Performance Data

| | | |
|-----------------|-------------|----------------------------------|
| d | 120 mm | Inner diameter shaft washer |
| D | 170 mm | Outer diameter housing washer |
| T | 39 mm | Height |
| C _a | 128.000 N | Basic dynamic load rating, axial |
| C _{0a} | 385.000 N | Basic static load rating, axial |
| C _{ua} | 14.600 N | Fatigue load limit, axial |
| n _G | 2.550 1/min | Limiting speed |
| n _{gr} | 3.000 1/min | Reference speed |
| m | 2,664 kg | Weight |

Mounting dimensions

| | | |
|--------------------|--------|--------------------------------------|
| d _{a min} | 150 mm | Minimum diameter shaft shoulder |
| D _{a max} | 140 mm | Maximum diameter of housing shoulder |
| r _{a max} | 1 mm | Maximum fillet radius |



Dimensions

| | | |
|-----------|--------|-------------------------------|
| r_{min} | 1,1 mm | Minimum chamfer dimension |
| D_1 | 123 mm | Inner diameter housing washer |
| d_1 | 170 mm | Outer diameter shaft washer |

Temperature range

| | | |
|-----------|--------|----------------------------|
| T_{min} | -30 °C | Operating temperature min. |
| T_{max} | 150 °C | Operating temperature max. |

Calculation factors

| | | |
|---|------|---------------------|
| A | 0,94 | Minimum load factor |
|---|------|---------------------|

Characteristics

-  F_a Axial load in one direction
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed