In addition to the quality and performance customers already enjoy, NSK now offers a new, higher capacity universal mounting series for greater convenience and longer bearing life.
New 40° Angular Contact Ball Bearings

Features

- Higher capacity and longer life compared to our conventional types
- Universal mounting, single row, angular contact ball bearings with various clearances and preload classes available
- Cage molded from a redesigned glass fiber reinforced polyamide 46 resin

Bearing Nomenclature

Example: 7310 BEA T85 SU L

Accuracy
No suffix: ISO Class 0
P: ISO Class 6
P6: ISO Class 5
Preload symbol
N: Clearance (larger than X)
X: Light preload
M: Medium preload
H: Heavy preload
Polyamide 46 resin cage
Universal mounting

Face control for 40° angular contact bearings

<table>
<thead>
<tr>
<th>Bore Diameter (mm)</th>
<th>Axial Clearance (+) / Axial Interference (−) (Total for two bearings face to face or back to back) (µm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>d</td>
<td>Suffix SUN</td>
</tr>
<tr>
<td>10</td>
<td>30</td>
</tr>
<tr>
<td>30</td>
<td>50</td>
</tr>
<tr>
<td>50</td>
<td>80</td>
</tr>
</tbody>
</table>

Remarks: These values are under measuring load.

Dynamic Equivalent Load
\[ P = X F_r + Y F_a \]

Static Equivalent Load
\[ P_o = X_o F_r + Y_o F_a \]

Contact Single, DT DB or DF

Angle

Remark: For \( i \), use 2 for DB or DF, and 1 for DT.

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