



## 90 mm x 140 mm x 24 mm Da max. SKF 7018 CE/P4BVG275 Double-Row Angular Contact Ball Bearings

Bearing No. 7018 CE/P4BVG275

7018 CE/P4BVG275 Bearing 2D drawings and 3D CAD models

d	90 mm
D	140 mm
B	24 mm
d <sub>1</sub>	108.33 mm
d <sub>2</sub>	105.5 mm
D <sub>1</sub>	121.66 mm
r <sub>1,2</sub> min.	1.5 mm
r <sub>3,4</sub> min.	1 mm
a	27.5 mm
d <sub>a</sub> min.	97 mm
d <sub>b</sub> min.	97 mm
D <sub>a</sub> max.	133 mm
D <sub>b</sub> max.	134.4 mm
r <sub>a</sub> max.	1.5 mm
r <sub>b</sub> max.	1 mm
Basic dynamic load rating C	35.8 kN
Basic static load rating C <sub>0</sub>	32 kN
Fatigue load limit P <sub>u</sub>	1.27 kN
Attainable speed for grease lubrication	13300 r/min
Ball diameter D <sub>w</sub>	11.112 mm
Number of balls z	28
Reference grease quantity G <sub>ref</sub>	14 cm <sup>3</sup>
Preload class A G <sub>A</sub>	190 N



## Nice Precision Bearings (India) Pvt. Ltd

Static axial stiffness, preload class A	79 N/ $\mu$ m
Preload class B $G_B$	580 N
Static axial stiffness, preload class B	125 N/ $\mu$ m
Preload class C $G_C$	1150 N
Static axial stiffness, preload class C	171 N/ $\mu$ m
Calculation factor $f$	1.1
Calculation factor $f_1$	1
Calculation factor $f_{2A}$	1
Calculation factor $f_{2B}$	1.03
Calculation factor $f_{2C}$	1.05
Calculation factor $f_{HC}$	1
Calculation factor $f_0$	9.6
Mass bearing	1.2 kg