



# BEARINGS(UK)LTD.



65 mm x 100 mm x 18 mm skf NU 1013  
ECP/C3VL0241 INSOCOAT cylindrical roller  
bearings, single row

Bearing No. NU 1013 ECP/C3VL0241

NU 1013 ECP/C3VL0241 Bearing 2D drawings and 3D  
CAD models

Size	100x65x18 mm
Bore Diameter	100 mm
Outer Diameter	65 mm
Width	18 mm
d	65 mm
D	100 mm
B	18 mm
D <sub>1</sub>	88.5 mm
F	74 mm
s	1 mm
r <sub>1,2</sub> - min.	1.1 mm
r <sub>3,4</sub> - min.	1 mm
d <sub>a</sub> - min.	69.6 mm
d <sub>a</sub> - max.	72 mm
d <sub>b</sub> - min.	77 mm
D <sub>a</sub> - min.	89.6 mm
D <sub>a</sub> - max.	94 mm
r <sub>a</sub> - max.	1 mm
r <sub>b</sub> - max.	1 mm
Basic dynamic load rating - C	62.7 kN
Basic static load rating - C <sub>0</sub>	81.5 kN
Fatigue load limit - P <sub>u</sub>	10.6 kN
Reference speed	7500 r/min



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Limiting speed	7500 r/min
Calculation factor - $k_r$	0.1
$D_1$	88.5 mm
s max.	1 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	1 mm
$d_a$ min.	69.6 mm
$d_a$ max.	72 mm
$d_b$ min.	77 mm
$D_a$ min.	89.6 mm
$D_a$ max.	94 mm
$r_a$ max.	1 mm
$r_b$ max.	1 mm
Basic dynamic load rating C	62.7 kN
Basic static load rating $C_0$	81.5 kN
Fatigue load limit $P_u$	10.6 kN
Calculation factor $k_r$	0.1
Mass bearing	0.45 kg