



## BEARINGS(UK)LTD.



90 mm x 190 mm x 43 mm skf NU 318  
ECM/C3VL0241 INSOCOAT cylindrical roller  
bearings, single row

Bearing No. NU 318 ECM/C3VL0241

NU 318 ECM/C3VL0241 Bearing 2D drawings and 3D  
CAD models

Size	190x90x43 mm
Bore Diameter	190 mm
Outer Diameter	90 mm
Width	43 mm
d	90 mm
D	190 mm
B	43 mm
D <sub>1</sub>	162 mm
F	113.5 mm
s	2.5 mm
r <sub>1,2</sub> - min.	3 mm
r <sub>3,4</sub> - min.	3 mm
d <sub>a</sub> - min.	104 mm
d <sub>a</sub> - max.	110 mm
d <sub>b</sub> - min.	116 mm
D <sub>a</sub> - min.	166.1 mm
D <sub>a</sub> - max.	176 mm
r <sub>a</sub> - max.	2.5 mm
r <sub>b</sub> - max.	2.5 mm
Basic dynamic load rating - C	319 kN
Basic static load rating - C <sub>0</sub>	360 kN
Fatigue load limit - P <sub>u</sub>	44 kN
Reference speed	3400 r/min



## BEARINGS(UK)LTD.

Limiting speed	4500 r/min
Calculation factor - $k_r$	0.15
Category	Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group	B04270
$D_1$	162 mm
s max.	2.5 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	3 mm
$d_a$ min.	104 mm
$d_a$ max.	110 mm
$d_b$ min.	116 mm
$D_a$ min.	166.1 mm
$D_a$ max.	176 mm
$r_a$ max.	2.5 mm
$r_b$ max.	2.5 mm
Basic dynamic load rating C	319 kN
Basic static load rating $C_0$	360 kN
Fatigue load limit $P_u$	44 kN
Calculation factor $k_r$	0.15
Mass bearing	6.26 kg