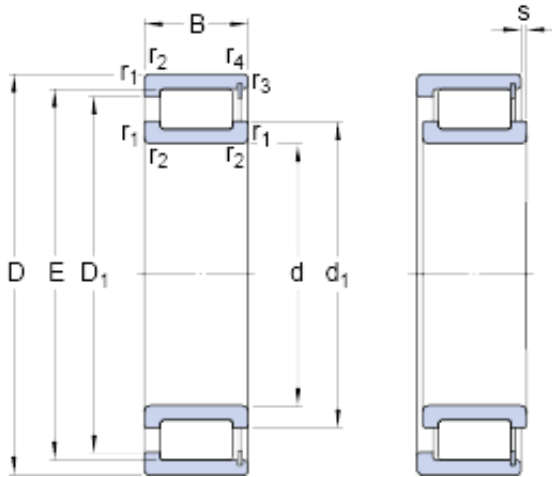




# TON BEARING CO.,LTD.



710 mm x 950 mm x 140 mm skf NCF 29/710 V  
Single row full complement cylindrical roller bearings

Bearing No. NCF 29/710 V

Size	950x710x140 mm
Bore Diameter	950 mm
Outer Diameter	710 mm
Width	140 mm
d	710 mm
D	950 mm
B	140 mm
d <sub>1</sub>	790 mm
D <sub>1</sub>	876 mm
E	896 mm
s	10 mm
r <sub>1,2</sub> - min.	6 mm
d <sub>a</sub> - min.	733 mm
d <sub>as</sub>	761 mm
D <sub>a</sub> - max.	927 mm
D <sub>b</sub> - max.	927 mm
r <sub>a</sub> - max.	5 mm
r <sub>b</sub> - max.	5 mm
Basic dynamic load rating - C	4290 kN
Basic static load rating - C <sub>0</sub>	10000 kN
Fatigue load limit - P <sub>u</sub>	695 kN
Reference speed	240 r/min
Limiting speed	300 r/min

NCF 29/710 V Bearing 2D drawings and 3D CAD models



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Calculation factor - $k_r$	0.2
Calculation factor - e	0.3
Calculation factor - Y	0.4
$d_1$	790 mm
$D_1$	876 mm
s max.	10 mm
$r_{1,2}$ min.	6 mm
$d_a$ min.	733 mm
$d_{as}$	761 mm
$D_a$ max.	927 mm
$D_b$ max.	927 mm
$r_a$ max.	5 mm
Basic dynamic load rating C	4290 kN
Basic static load rating $C_0$	10000 kN
Fatigue load limit $P_u$	695 kN
Calculation factor $k_r$	0.2
Calculation factor e	0.3
Calculation factor Y	0.4
Mass bearing	275 kg