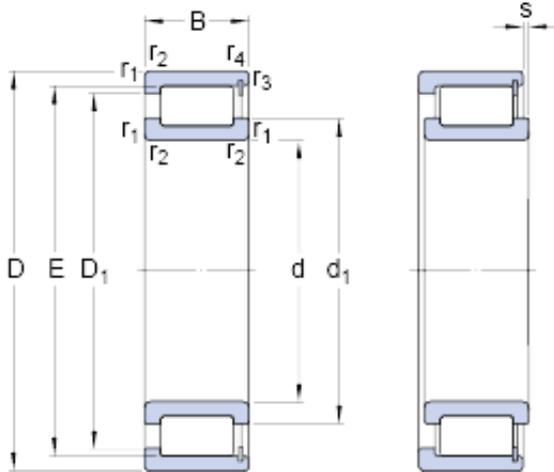




# TON BEARING CO.,LTD.



400 mm x 500 mm x 46 mm skf NCF 1880 V  
Single row full complement cylindrical roller bearings

Bearing No. NCF 1880 V

NCF 1880 V Bearing 2D drawings and 3D CAD models

Size	500x400x46 mm
Bore Diameter	500 mm
Outer Diameter	400 mm
Width	46 mm
d	400 mm
D	500 mm
B	46 mm
d <sub>1</sub>	433 mm
D <sub>1</sub>	465 mm
E	475 mm
s	3.5 mm
d <sub>a</sub> - min.	411 mm
d <sub>as</sub>	428 mm
D <sub>a</sub> - max.	489 mm
D <sub>b</sub> - max.	493 mm
r <sub>a</sub> - max.	2 mm
r <sub>b</sub> - max.	1.5 mm
Basic dynamic load rating - C	627 kN
Basic static load rating - C <sub>0</sub>	1340 kN
Fatigue load limit - P <sub>u</sub>	118 kN
Reference speed	500 r/min
Limiting speed	630 r/min
Calculation factor - k <sub>r</sub>	0.1



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Calculation factor - e	0.2
Calculation factor - Y	0.6
$d_1$	433 mm
$D_1$	465 mm
s max.	3.5 mm
$r_{1,2}$ min.	2.1 mm
$d_a$ min.	411 mm
$d_{as}$	428 mm
$D_a$ max.	489 mm
$D_b$ max.	493 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	627 kN
Basic static load rating $C_0$	1340 kN
Fatigue load limit $P_u$	118 kN
Calculation factor $k_r$	0.1
Calculation factor e	0.2
Calculation factor Y	0.6
Mass bearing	20.5 kg