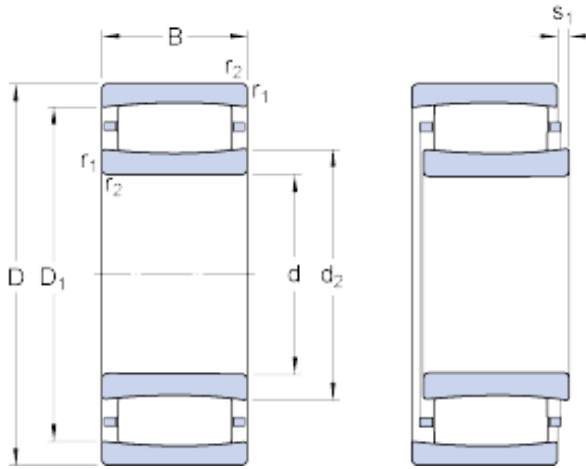




## BEARING DRIVESHAFT, INC.



500 mm x 830 mm x 325 mm SKF C 41/500 M  
cylindrical roller bearings

Bearing No. C 41/500 M

C 41/500 M Bearing 2D drawings and 3D CAD models

Size	830x500x325 mm
Bore Diameter	830 mm
Outer Diameter	500 mm
Width	325 mm
d	500 mm
D	830 mm
B	325 mm
d <sub>2</sub>	600 mm
D <sub>1</sub>	740 mm
s <sub>1</sub>	46.3 mm
r <sub>1,2</sub> - min.	7.5 mm
d <sub>a</sub> - min.	532 mm
d <sub>a</sub> - max.	637 mm
D <sub>a</sub> - min.	721 mm
D <sub>a</sub> - max.	798 mm
C <sub>a</sub> - min.	5.9 mm
r <sub>a</sub> - max.	6 mm
Basic dynamic load rating - C	9800 kN
Basic static load rating - C <sub>0</sub>	17600 kN
Fatigue load limit - P <sub>u</sub>	1160 kN
Reference speed	430 r/min
Limiting speed	560 r/min
Factor - k <sub>1</sub>	0.115
Factor - k <sub>2</sub>	0.093



## BEARING DRIVESHAFT, INC.

$d_2$	600 mm
$D_1$	740 mm
$s_1$ max.	46.3 mm
$r_{1,2}$ min.	7.5 mm
$d_a$ min.	532 mm
$d_a$ max.	637 mm
$D_a$ min.	721 mm
$D_a$ max.	798 mm
$C_a$ min.	5.9 mm
$r_a$ max.	6 mm
Basic dynamic load rating C	9800 kN
Basic static load rating $C_0$	17600 kN
Fatigue load limit $P_u$	1160 kN
Misalignment factor $k_1$	0.115
Operating clearance factor $k_2$	0.093
Mass bearing	710 kg