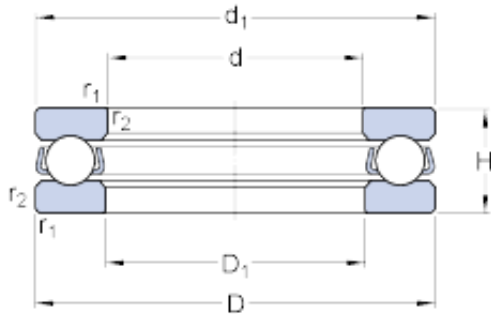




# BEARING ITALIA S.P.A



## skf 510/500 F Single direction thrust ball bearings

Bearing No. 510/500 F

510/500 F Bearing 2D drawings and 3D CAD models

Size	540x500x30 mm
Bore Diameter	540 mm
Outer Diameter	500 mm
Width	30 mm
d	500 mm
D	540 mm
H	30 mm
d <sub>1</sub>	538.5 mm
D <sub>1</sub>	501.5 mm
r <sub>1,2</sub> - min.	1 mm
d <sub>a</sub> - min.	524 mm
D <sub>a</sub> - max.	516 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	133 kN
Basic static load rating - C <sub>0</sub>	1120 kN
Fatigue load limit - P <sub>u</sub>	18.3 kN
Reference speed	1000 r/min
Limiting speed	1400 r/min
Minimum load factor - A	6500
d <sub>1</sub>	538.5 mm
D <sub>1</sub>	501.5 mm
r <sub>1,2</sub> min.	1 mm
d <sub>a</sub> min.	524 mm
D <sub>a</sub> max.	516 mm



## BEARING ITALIA S.P.A

$r_a$ max.	1 mm
Basic dynamic load rating C	133 kN
Basic static load rating $C_0$	1120 kN
Fatigue load limit $P_u$	18.3 kN
Minimum load factor A	6500
Mass bearing (including seat washer where applicable)	6.55 kg