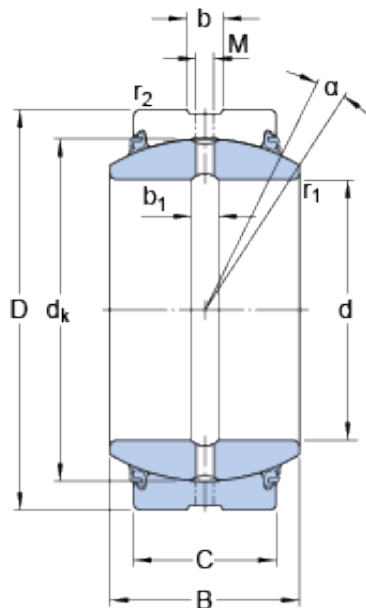




Bearing Rolamentos do Brasil Ltda.

300 mm x 430 mm x 165 mm SKF GE 300
ESX-2LS plain bearings

Bearing No. GE 300 ESX-2LS



GE 300 ESX-2LS Bearing 2D drawings and 3D CAD models

Size	430x300x165 mm
Bore Diameter	430 mm
Outer Diameter	300 mm
Width	165 mm
d	300 mm
D	430 mm
B	165 mm
C	120 mm
	7 °
d _k	375 mm
b	15.5 mm
b ₁	15.5 mm
M	7 mm
r ₁ - min.	1.1 mm
r ₂ - min.	1.1 mm
d _a - min.	314 mm
d _a - max.	336.5 mm
D _a - min.	371 mm
D _a - max.	418.5 mm
r _a - max.	1 mm
r _b - max.	1 mm
Basic dynamic load rating - C	5700 kN
Basic static load rating - C ₀	19000 kN
Specific factor dinamic load - K	150 N/mm ²



Bearing Rolamentos do Brasil Ltda.

Specific factor static load - K_0	500 N/mm ²
Constant - K_M	330
Size	300x430x165 mm
Bore Diameter	300 mm
Outer Diameter	430 mm
Width	165 mm
d	300 mm
D	430 mm
B	165 mm
C	120 mm
	7 °
d_k	375 mm
b	15.5 mm
b_1	15.5 mm
M	7 mm
r_1 - min.	1.1 mm
r_2 - min.	1.1 mm
d_a - min.	314 mm
d_a - max.	336.5 mm
D_a - min.	371 mm
D_a - max.	418.5 mm
r_a - max.	1 mm
r_b - max.	1 mm
Basic dynamic load rating - C	5700 kN
Basic static load rating - C_0	19000 kN
Specific factor dynamic load - K	150 N/mm ²
Specific factor static load - K_0	500 N/mm ²
Constant - K_M	330



Bearing Rolamentos do Brasil Ltda.

Lubricant	Maintenance free – greased for life
Design (sliding contact surface combination)	Steel/steel
Sealing solution	Triple-lip seals
	7 °
d_k	375 mm
b_1	15.5 mm
r_1 min.	1.1 mm
r_2 min.	1.1 mm
d_a min.	314 mm
d_a max.	336.5 mm
D_a min.	371 mm
D_a max.	418.5 mm
r_a max.	1 mm
r_b max.	1 mm
Basic dynamic load rating C	5700 kN
Basic static load rating C_0	19000 kN
Specific dynamic load factor K	150 N/mm ²
Specific static load factor K_0	500 N/mm ²
Material constant K_M	330
Mass plain bearing	78.5 kg