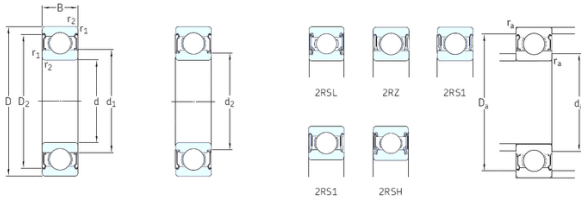




# PIE Bearing Technology Co., Ltd



## SKF 6301-2RSL deep groove ball bearings

Bearing No. 6301-2RSL

6301-2RSL Bearing 2D drawings and 3D CAD models

Size	12x37x12 mm
Bore Diameter	12 mm
Outer Diameter	37 mm
Width	12 mm
d	12 mm
D	37 mm
B	12 mm
C	12 mm
d1	– mm
d2	17,7 mm
r1 min.	17,6 mm
r2 min.	17,6 mm
D1	31,5 mm
D2	1 mm
da min.	17,6 mm
Da max.	31,4 mm
ra max.	1 mm
Weight	0,06 Kg
Basic dynamic load rating (C)	10,1 kN
Basic static load rating (C0)	4,15 kN
Fatigue load limit (Pu)	0,176
Reference speed	45000 r/min
Limiting speed	22000 r/min
Calculation factor (f0)	11
d <sub>2</sub>	17.5 mm
D <sub>2</sub>	31.48 mm



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$d_a$ min.	17.6 mm
$d_a$ max.	17.6 mm
$D_a$ max.	31.4 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	10.1 kN
Basic static load rating $C_0$	4.15 kN
Fatigue load limit $P_u$	0.176 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	11
Mass bearing	0.06 kg