

# SKF 6319-2RS1 deep groove ball bearings

What is SKF 6319-2RS1 deep groove ball bearings in 28137 Cone Part Number mechanical engineering? Manufacturing Service . Upload your CAD file for an 28000 Series instant.

Series	28000
Cone Part Number	28137
Cup Part Number	28314XD
Design Units	Imperial
Bearing Weight	2.3 lb
Cage Type	Stamped Steel
Ab – Cage-Cone Frontface Clearance	0.07 in
d	1.3750 in
D	3.1510 in
B – Cone Width	0.8244 in
C – Double Cup Width	1.3750 in
T – Bearing Width across Cones	1.8126 in
R – Cone Backface To Clear Radius <sup>1</sup>	0.06 in
r – Cup Frontface To Clear Radius <sup>2</sup>	0.03 in
db – Cone Backface Backing Diameter	1.71 in
Da – Cup Frontface Backing Diameter	2.91 in
Aa – Cage-Cone Backface Clearance	0.06 in
C90 – Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	4390 lbf
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	29500 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	7640 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	3020 lbf
K – Factor <sup>7</sup>	1.45
e – ISO Factor <sup>8</sup>	0.4
Y1 – ISO Factor <sup>9</sup>	1.68
Y2 – ISO Factor <sup>10</sup>	2.5
G1 – Heat Generation Factor (Roller-Raceway) <sup>11</sup>	20.7
G2 – Heat Generation Factor (Rib-Roller End)	12.5
Cg – Geometry Factor <sup>12</sup>	0.0709