

# FAG S6003 deep groove ball bearings

Various 450000 Series types and sizes to accommodate EE450600D Cone Part Number your FAG S6003 deep groove ball bearings requirements.

Series	450000
Cone Part Number	EE450600D
Cup Part Number	451212
Design Units	Imperial
Bearing Weight	119.8 lb
Cage Type	Stamped Steel
Aa – Cage-Cone Backface Clearance	0 in
d	6.0000 in
D	12.1250 in
B – Double Cone Width	6.7500 in
C – Cup Width	2.4375 in
T – Bearing Width across Cups	6.3749 in
R – Cone Frontface To Clear Radius <sup>1</sup>	0.380 in
r – Cup Backface To Clear Radius <sup>2</sup>	0.270 in
da – Cone Frontface Backing Diameter	7.44 in
Db – Cup Backface Backing Diameter	10.59 in
Ab – Cage-Cone Frontface Clearance	-0.06 in
C90 – Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	57900 lbf
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	389000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	101000 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	32400 lbf
K – Factor <sup>7</sup>	1.79
e – ISO Factor <sup>8</sup>	0.33
Y1 – ISO Factor <sup>9</sup>	2.07
Y2 – ISO Factor <sup>10</sup>	3.08
Cg – Geometry Factor <sup>11</sup>	0.118