

# SNR 71911HVUJ74 angular contact ball bearings

Various types and sizes to 555 Series 552D Cup Part Number accommodate your SNR 71911HVUJ74 angular contact ball bearings requirements.

Series	555
Cone Part Number	560
Cup Part Number	552D
Design Units	Imperial
Bearing Weight	8.5 lb
Cage Type	Stamped Steel
Ab – Cage-Cone Frontface Clearance	0.08 in
d	2.6250 in
D	4.8750 in
B – Cone Width	1.4440 in
C – Double Cup Width	2.5 in
T – Bearing Width across Cones	3.1249 in
R – Cone Backface To Clear Radius <sup>1</sup>	0.14 in
r – Cup Frontface To Clear Radius <sup>2</sup>	0.06 in
db – Cone Backface Backing Diameter	3.31 in
Da – Cup Frontface Backing Diameter	4.56 in
Aa – Cage-Cone Backface Clearance	0.07 in
C90 – Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	13200 lbf
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	88500 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	22900 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	7810 lbf
K – Factor <sup>7</sup>	1.69
e – ISO Factor <sup>8</sup>	0.35
Y1 – ISO Factor <sup>9</sup>	1.95
Y2 – ISO Factor <sup>10</sup>	2.9
G1 – Heat Generation Factor (Roller-Raceway) <sup>11</sup>	91
G2 – Heat Generation Factor (Rib-Roller End)	21.1
Cg – Geometry Factor <sup>12</sup>	0.111