

# SKF W 628/7-2RS1 deep groove ball bearings

Various types and sizes 8500 Series to accommodate your SKF W 628/7-2RS1 deep groove ball bearings requirements.

Series	8500
Cone Part Number	8576DW
Cup Part Number	8520
Design Units	Imperial
Bearing Weight	51.000 lb
Cage Type	Stamped Steel
Aa – Cage-Cone Backface Clearance	0 in
d	9.25 in
D	12.875 in
B – Double Cone Width	3.6875 in
C – Cup Width	1.4375 in
T – Bearing Width across Cups	3.6875 in
R – Cone Frontface To Clear Radius <sup>1</sup>	0.060 in
r – Cup Backface To Clear Radius <sup>2</sup>	0.130 in
da – Cone Frontface Backing Diameter	9.84 in
Db – Cup Backface Backing Diameter	12.01 in
Ab – Cage-Cone Frontface Clearance	0.13 in
C90 – Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	30700 lbf
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	206000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	53500 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	21400 lbf
K – Factor <sup>7</sup>	1.44
e – ISO Factor <sup>8</sup>	0.41
Y1 – ISO Factor <sup>9</sup>	1.66
Y2 – ISO Factor <sup>10</sup>	2.47
Cg – Geometry Factor <sup>11</sup>	0.14