

# SKF W 637/8 X deep groove ball bearings

We 67800 Series work closely with our SKF W 637/8 X deep groove ball bearings Imperial Design Units manufacturing partners to bring the best value to customers.

Series	67800
Cone Part Number	67883
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	163000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	42300 lbf
d	7.2500 in
B – Cone Width	1.8438 in
R – Cone Backface To Clear Radius <sup>3</sup>	0.14 in
da – Cone Frontface Backing Diameter	7.8 in
db – Cone Backface Backing Diameter	8.03 in
Ab – Cage-Cone Frontface Clearance	0.11 in
Aa – Cage-Cone Backface Clearance	0.18 in
a – Effective Center Location <sup>4</sup>	0.4 in
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	24300 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	93600 lbf
C0 – Static Radial Rating	188000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	19800 lbf

K – Factor8	1.22
G1 – Heat Generation Factor (Roller-Raceway)	727.9
G2 – Heat Generation Factor (Rib-Roller End)	146.6
Cg – Geometry Factor	0.131