

# ISO 757/752 tapered roller bearings

What H247500 Series are the types of ISO 757/752 tapered roller bearings ? Manufacturing Service . Get Your Free, Instant price, design review.

Series	H247500
Cone Part Number	H247548
Design Units	Imperial
Cage Type	Pin-Type
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	734000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	190000 lbf
d	9.25 in
B – Cone Width	4.4375 in
R – Cone Backface To Clear Radius <sup>3</sup>	0.25 in
da – Cone Frontface Backing Diameter	10.2 in
db – Cone Backface Backing Diameter	10.59 in
Ab – Cage-Cone Frontface Clearance	0.22 in
Aa – Cage-Cone Backface Clearance	0.27 in
a – Effective Center Location <sup>4</sup>	-1.1 in
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	109000 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	422000 lbf
C0 – Static Radial Rating	757000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	62200 lbf

K – Factor8	1.76
G1 – Heat Generation Factor (Roller-Raceway)	2080
G2 – Heat Generation Factor (Rib-Roller End)	156
Cg – Geometry Factor	0.167