

# FAG 22324-E1-T41D spherical roller bearings

Various 655 Series types and sizes to accommodate your FAG 22324-E1-T41D spherical roller bearings requirements.

Series	655
Cone Part Number	659
Cup Part Number	654DC
Design Units	Imperial
Bearing Weight	16.15 lb
Cage Type	Stamped Steel
Ab – Cage-Cone Frontface Clearance	0.1 in
d	3 in
D	6.0000 in
B – Cone Width	1.6250 in
C – Double Cup Width	3.0000 in
T – Bearing Width across Cones	3.7499 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	3.66 in
Da – Cup Frontface Backing Diameter	5.57 in
Aa – Cage-Cone Backface Clearance	0.17 in
C90 – Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	14400 lbf
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	96700 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	25100 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	10100 lbf
K – Factor <sup>7</sup>	1.43
e – ISO Factor <sup>8</sup>	0.41
Y1 – ISO Factor <sup>9</sup>	1.65
Y2 – ISO Factor <sup>10</sup>	2.46
G1 – Heat Generation Factor (Roller-Raceway) <sup>11</sup>	137
G2 – Heat Generation Factor (Rib-Roller End)	27.3
Cg – Geometry Factor <sup>12</sup>	0.0919