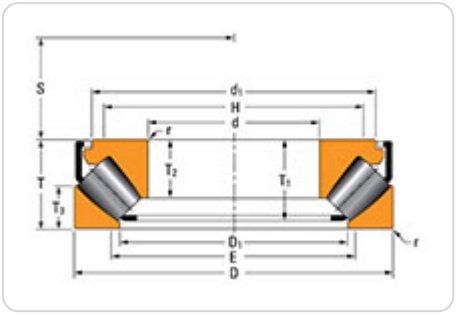
The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
Phone: (234) 262-3000
E-Mail: CustomerCAD@timken.com (mailto:CustomerCAD@timken.com) • **Web site:** www.timken.com (http://www.timken.com)

Part Number 29420EJ, Thrust Spherical Roller Bearings-Type TSR





Key Dimensions

Bore (d)	100 mm
Bearing Type	Thrust Spherical Roller Bearings - TSR
UPC Code	87796358126
O.D. (D)	210 mm 8.268 in
Width (T)	67 mm 2.638 in

Other Dimensions

Cone Outside Diameter (d1)	182.2 mm 7.173 in
Cup Bore (D1)	141.5 mm 5.571 in
Housing Backing Shoulder Dia.	151 mm 5.94 in
Shaft Backing Shoulder Dia.	164 mm 6.46 in
Max Shaft Fillet Radius	2.5 mm 0.10 in
Dimension (S)	62 mm 2.441 in
Cage Position (T1)	58 mm 2.28 in
Inner Ring Width (T2)	43 mm 1.693 in
Outer Ring Width (T3)	32 mm 1.26 in

Ratings

Static Axial Load Rating (Ca0)	2390000 N 536000 lbf
Dynamic Axial Rating - 90M Revs (Ca90)	1020000 N 230000 lbf
Thermal Speed Rating	1800 rpm