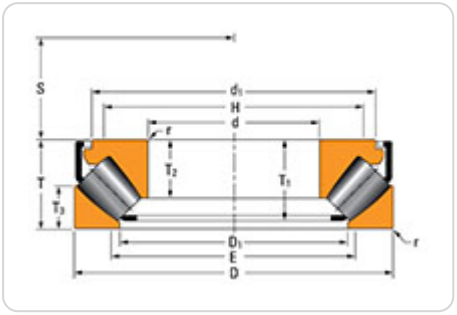
The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
Phone: (234) 262-3000
E-Mail: CustomerCAD@timken.com (mailto:CustomerCAD@timken.com) • **Web site:** www.timken.com (http://www.timken.com)

Part Number 29430EJ, Thrust Spherical Roller Bearings-Type TSR





Key Dimensions

Bore (d)	150 mm
Bearing Type	Thrust Spherical Roller Bearings - TSR
UPC Code	87796224650
O.D. (D)	300 mm 11.8110 in
Width (T)	90 mm 3.543 in

Other Dimensions

Cone Outside Diameter (d1)	262.9 mm 10.35 in
Cup Bore (D1)	207.5 mm 8.169 in
Housing Backing Shoulder Dia.	222 mm 8.74 in
Shaft Backing Shoulder Dia.	238 mm 9.37 in
Max Shaft Fillet Radius	3 mm 0.12 in
Dimension (S)	92 mm 3.622 in
Cage Position (T1)	78.3 mm 3.08 in
Inner Ring Width (T2)	58 mm 2.284 in
Outer Ring Width (T3)	43.4 mm 1.709 in

Ratings

Static Axial Load Rating (Ca0)	4730000 N 1060000 lbf
Dynamic Axial Rating - 90M Revs (Ca90)	1860000 N 418000 lbf
Thermal Speed Rating	1200 rpm