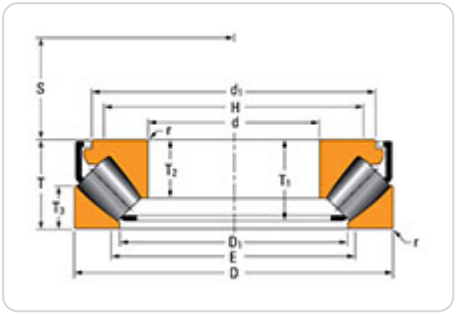
The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
Phone: (234) 262-3000
E-Mail: CustomerCAD@timken.com (mailto:CustomerCAD@timken.com) • **Web site:** www.timken.com (http://www.timken.com)

Part Number 29338EJ, Thrust Spherical Roller Bearings-Type TSR





Key Dimensions

Bore (d)	190 mm
Bearing Type	Thrust Spherical Roller Bearings - TSR
UPC Code	87796191211
O.D. (D)	320 mm 12.598 in
Width (T)	78.13 mm 3.076 in

Other Dimensions

Cone Outside Diameter (d1)	285.6 mm 11.249 in
Cup Bore (D1)	243.5 mm 9.587 in
Housing Backing Shoulder Dia.	253 mm 9.96 in
Shaft Backing Shoulder Dia.	268 mm 10.55 in
Max Shaft Fillet Radius	3 mm 0.12 in
Dimension (S)	110 mm 4.331 in
Cage Position (T1)	67.7 mm 2.66 in
Inner Ring Width (T2)	49 mm 1.929 in
Outer Ring Width (T3)	36 mm 1.417 in

Ratings

Static Axial Load Rating (Ca0)	4550000 N 1020000 lbf
Dynamic Axial Rating - 90M Revs (Ca90)	1620000 N 364000 lbf
Thermal Speed Rating	1100 rpm