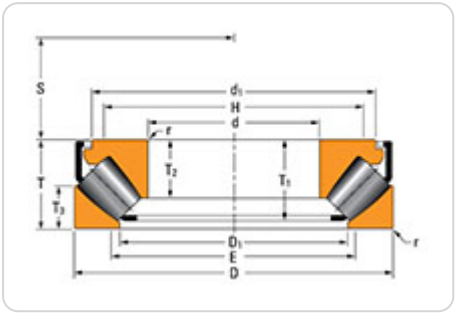
The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
Phone: (234) 262-3000
E-Mail: CustomerCAD@timken.com (mailto:CustomerCAD@timken.com) • **Web site:** www.timken.com (http://www.timken.com)

Part Number 29336EJ, Thrust Spherical Roller Bearings-Type TSR





Key Dimensions

Bore (d)	180 mm
Bearing Type	Thrust Spherical Roller Bearings - TSR
UPC Code	87796163034
O.D. (D)	300 mm 11.8110 in
Width (T)	73.03 mm 2.875 in

Other Dimensions

Cone Outside Diameter (d1)	270 mm 10.63 in
Cup Bore (D1)	227 mm 8.937 in
Housing Backing Shoulder Dia.	238 mm 9.37 in
Shaft Backing Shoulder Dia.	251 mm 9.88 in
Max Shaft Fillet Radius	2.5 mm 0.10 in
Dimension (S)	103 mm 4.055 in
Cage Position (T1)	62.7 mm 2.47 in
Inner Ring Width (T2)	46 mm 1.811 in
Outer Ring Width (T3)	35.5 mm 1.398 in

Ratings

Static Axial Load Rating (Ca0)	4130000 N 927000 lbf
Dynamic Axial Rating - 90M Revs (Ca90)	1430000 N 322000 lbf
Thermal Speed Rating	1200 rpm