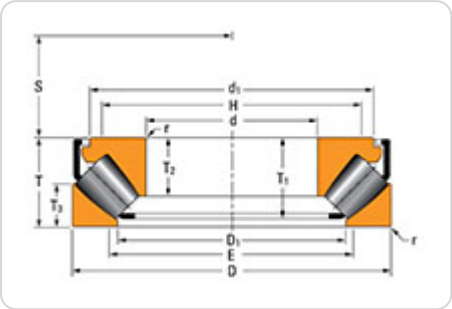
The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
Phone: (234) 262-3000
E-Mail: CustomerCAD@timken.com (mailto:CustomerCAD@timken.com) • **Web site:** www.timken.com (http://www.timken.com)

Part Number 29456EJ, Thrust Spherical Roller Bearings-Type TSR





Key Dimensions

Bore (d)	280 mm
Bearing Type	Thrust Spherical Roller Bearings - TSR
UPC Code	87796358188
O.D. (D)	520 mm 20.472 in
Width (T)	145.16 mm 5.715 in

Other Dimensions

Cone Outside Diameter (d1)	464.3 mm 18.28 in
Cup Bore (D1)	372 mm 14.646 in
Housing Backing Shoulder Dia.	397 mm 15.63 in
Shaft Backing Shoulder Dia.	423 mm 16.65 in
Max Shaft Fillet Radius	5 mm 0.197 in
Dimension (S)	166 mm 6.535 in
Cage Position (T1)	128.9 mm 5.07 in
Inner Ring Width (T2)	95 mm 3.74 in
Outer Ring Width (T3)	70 mm 2.756 in

Ratings

Static Axial Load Rating (Ca0)	1430000 N 3220000 lbf
Dynamic Axial Rating - 90M Revs (Ca90)	4920000 N 1110000 lbf
Thermal Speed Rating	1300 rpm