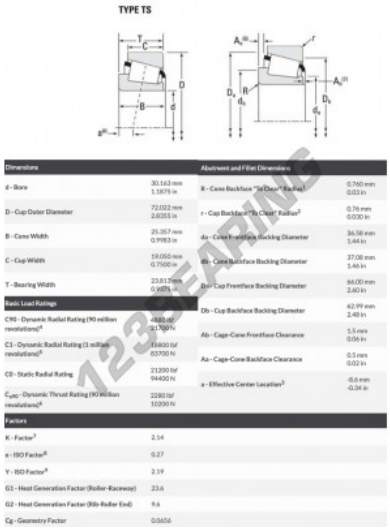
Tapered roller bearing
2559-2525-TIMKEN - 2559-2525-TIMKEN

https://www.123bearing.com/bearing-housing/roller-bearing/tapered/2559-2525-timken



TYPE TS

Dimensions	
d - Bore	30.163 mm 1.1875 in
D - Cup Outer Diameter	72.022 mm 2.8355 in
B - Cone Width	25.357 mm 0.9983 in
C - Cup Width	19.050 mm 0.7500 in
T - Bearing Width	23.813 mm 0.9375 in
Basic Load Ratings	
C90 - Dynamic Radial Rating (90 million revolutions)[4]	20800 lbf 92500 N
C1 - Dynamic Radial Rating (1 million revolutions)[5]	14800 lbf 65700 N
C0 - Static Radial Rating	21200 lbf 94400 N
C_{a90} - Dynamic Thrust Rating (90 million revolutions)[6]	2280 lbf 10200 N

Abutment and Fillet Dimensions	
R - Cone Backface "In Clear" Radius[1]	0.760 mm 0.03 in
r - Cup Backface "In Clear" Radius[2]	0.76 mm 0.030 in
da - Cone Frontface Backing Diameter	36.58 mm 1.44 in
db - Cone Backface Backing Diameter	37.08 mm 1.46 in
Da - Cup Frontface Backing Diameter	66.00 mm 2.60 in
Db - Cup Backface Backing Diameter	62.99 mm 2.48 in
Ab - Cage-Cone Frontface Clearance	1.5 mm 0.06 in
Aa - Cage-Cone Backface Clearance	0.5 mm 0.02 in
a - Effective Center Location[3]	-0.6 mm -0.24 in

Factors	
K - Factor[7]	2.14
e - ISO Factor[8]	0.27
Y - ISO Factor[8]	2.19
G1 - Heat Generation Factor (Roller-Raceway)	23.6
G2 - Heat Generation Factor (Rib-Roller End)	9.6
Cg - Geometry Factor	0.0656

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PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3616060668097
Inside diameter	30.163 mm
Outside diameter	72.022 mm
Thickness	23.813 mm
Packaging	1

contact@123bearing.com
(646) 712 9672
CRT4 de Lesquin 60 Rue Du Haut De Sainghin 59273 Fretin FRANCE