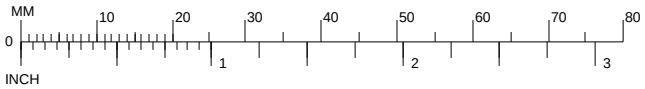

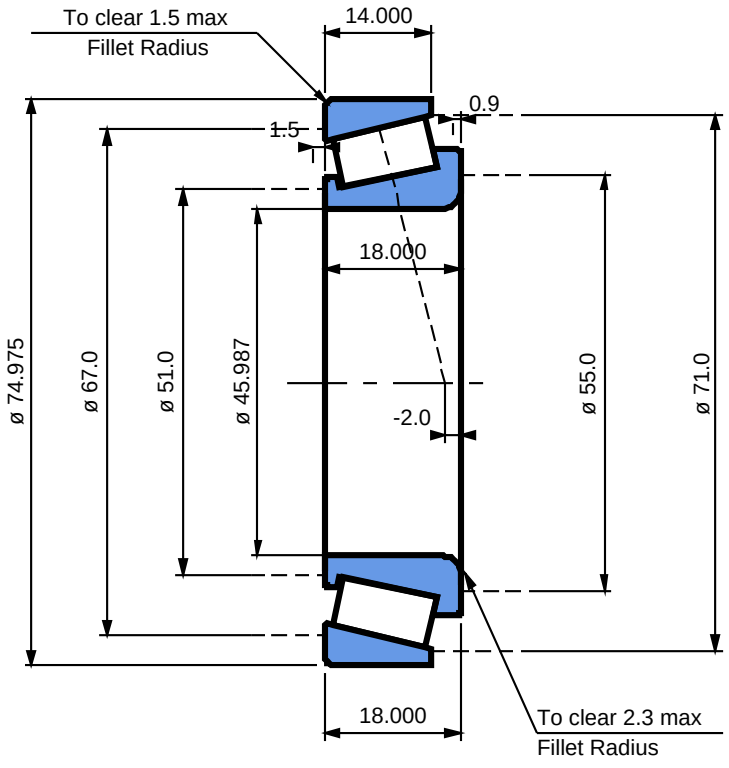

METRIC UNITS

SUPERSEDES

Max Shaft Fillet Radius - R	2.3	mm
Max Housing Fillet Radius - r	1.5	mm
ISO Factor - e	0.4	
ISO Factor - Y	1.49	
Bearing Weight (with cage)	0.3	kg.
Number of Rollers per Row	24	
Effective Center a / Cone Back Face	-2.0	mm

PROJECTION

ORIGINAL SCALE **1 : 1**

LM503349 - LM503310

TS BEARING ASSEMBLY

K factor	1.45
Dynamic Radial Rating, C90	13600 N
Dynamic Thrust Rating, Ca90	9390 N
Static Radial Rating, C0	75400 N
Radial Rating (1E6 Rev.), C1	52600 N

THE TIMKEN COMPANY

CANTON, OHIO USA

DRAWN **Timken.com KC_Engineering v1.0**

DATE 4/17/2012

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