

Bearing Assembly Inspection Report					
PART NUMBER :805096 -Taper Roller Bearing			Total Qty: 500 Nos.		
			Qty.Inspected : 25 Nos.		Date : 07-09-25
Sr.no.	Parameter	Tolerance	Dimensional Observations		
			Sample		
1	OD Size (φ 150.00)	+0.000 to -0.015	-0.005 to -0.014 mm		OK
2	2pt Ovality		0.002 to 0.004 mm		OK
3	Taper		0.002 to 0.006 mm		OK
4	Bore Size (φ 60.00)	+0.000 to -0.015	-0.002 to -0.012 mm		OK
5	2pt Ovality		0.002 to 0.004 mm		OK
6	Taper		0.001 to 0.004 mm		OK
7	Inner Width (50.95)	+0.000 to -0.120	-0.030 to -0.080 mm		OK
8	Parallelism		0.005 to 0.010 mm		OK
9	Outer Width (36.52)	+0.000 to -0.120	-0.080 to -0.110 mm		OK
10	Parallelism		0.005 to 0.010 mm		OK
11	Total Height (51.00)	+0.000 to +0.200	+0.050 to +0.150 mm		OK
12	Runout		0.015 to 0.030 mm		OK
13	N.O.Roller	18	OK		OK
14	Roller Size	φ17.35x37.40	OK		OK
15	IR Ra		0.070 ; 0.090 ; 0.100 μm		OK
16	OR Ra		0.068 ; 0.120 ; 0.072 μm		OK
17	Roller Ra		0.175 ; 0.180 ; 0.165 μm		OK
18	HRC Inner Race	62 ± 3 HRC	61		OK
19	HRC Outer Race	62 ± 3 HRC	62		OK
20	HRC Roller	62 ± 3 HRC	64		OK
Lot Accepted/Rejected		Accepted			
Checked By Manish			Approve By V.K.T		