



Daimler India Commercial Vehicles Pvt. Ltd -Central Lab
SIPCOT Industrial Estate, Oragadam Village, Singaperumal Koil Road,
Mathur(PO), Sriperumbadur Taluk, Kanchipuram - 602105, Tamil Nadu, India.
Phone: +91 44 4969 4456,
Website: www.daimler-indiacv.com / www.bharatbenz.com



CERTIFICATE OF CALIBRATION

I. Descriptions of DUC

Certificate No : DICV/CL/22/00000003 **Report Issues Date** : 06-06-2022
Date Of Calibration : 06-06-2022 **Next Calibration Due** : 06-06-2022
Name Of The Custom : Ramesh Balakrishnan
Department : Mechanical
Date of Receipt : 06-06-2022
Description of Equipment : New Instrument Verniar

Range	Least Count	Serial No	Make
200mm	300mm	20001	India

Identification Number :

Condition of DUC : Testing Caliper

**Calibration Procedure /
Reference Standard** :

II. Master & Equipment Used For Calibration & Traceability

Sl.	Master Equipment	Id No	Make	Traceability	Certificate No	Validity
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The master Equipment used for calibration are calibrated and traceable to National / International Standard

Environmental Condition : $20 \pm 1.0^{\circ}\text{C}$ / $50 \pm 10\%$ RH

Uncertainty Of Measurement :

The stated Expanded uncertainty is estimated at a confidence level approximately 95% with a coverage factor $k = 2$

Calibrated By

Ramesh Balakrishnan
Technical Manager

Authorized Signatory

Prabhu KP
Technical Manager

- The Calibration results are valid at the time of & under the stated conditions of measurement.
- The report should not be reproduced either in full or in part without out permission in writing.
- Next calibration due date given in this cetificate as per customer request irrespective of the status or condition of the IMTE.

DAIMLER TRUCK

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III. Mechanical Calibration Results

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All Values are in mm

Sl. No	External Measurement		Deviation	Internal Measurement		Deviation	Depth Measurement		Deviation
	Nominal	Actual		Nominal	Actual		Nominal	Actual	
1	10	30.0000	-20.0000	30	23.3333	6.6667	30	20.0000	10.0000
2	20	40.0000	-20.0000	20	19.3333	0.6667	20	20.0000	0.0000
3		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000
4		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000
5		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000
6	60	20.0000	40.0000	12	31.0000	-19.0000	20	13.3333	6.6667
7	70	30.0000	40.0000	17	46.0000	-29.0000	25	45.0000	-20.0000
8		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000
9		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000
10		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000
Actual									
Parallelism for External Jaws				Testing Details					
Parallelism for Internal Jaws				Testing Details					

IV. Result Of Calibration : Testing Result

V. Remarks : Testing Remarks

Calibrated By

Ramesh Balakrishnan
Technical Manager

Authorized Signatory

Prabhu KP
Technical Manager

End of Certificate

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