



# AEROSPACE LAB

## AS9100 Rev D

### TECHNICAL SPECIFICATION

Document No.

CMTI/PTR&ETR/TT/Tech. Spec/15-23/Rev-00

Revision

00

Date

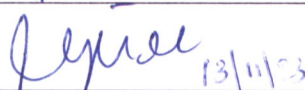
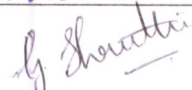
18/10/2023

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### DESCRIPTION OF ITEM:

SI No	Specification	Requirement	Remarks (Please mention if critical requirement)
1.	K-T40B-100Q-MF-S-M-DU2-2-U Torque flange strain gage measuring system; Accuracy class 0.05; 0.1 (50Nm) Contactless measurement signal transmission no bearings; Plug connection; Frequency and $\pm 10V$ output signal; Working standard calibration certificate according to DIN EN ISO 10012 included in scope of supply Measuring range 100Q 100 N·m Component MF Complete Accuracy S Standard Nominal speed M Standard rotational speed Electrical configuration DU2 60kHz $\pm$ 30kHz and $\pm 10V$ , DC vers. Rotational speed meas. system 2 mag. rot. speed sys. 128 imp. Customised modification U Non	1No	
2	K-KAB-T-0153-01-020-S015 configurable cable for torque transducers Configuration free ends: Code: 139A, 0153, 0154, 0155, 0164, 0174 Configuration D-SUB 15pole: Code: 0149, 0150, 0163 Type 0153 Cab.0153/Md/7poles Type of cable 01 Cab. 7.5 /00-2/2/2-PVC/gray Cable length 020 Cable length 20 m Cable socket S015 7poles, straight cable introd.	1No	
3	K-KAB-T-0154-01-020-S017 configurable cable for torque transducers Configuration free ends: Code: 139A, 0153, 0154, 0155, 0164, 0174 Configuration D-SUB 15pole: Code: 0149, 0150, 0163 Type 0154 Cab.0154/n/8poles Type of cable 01 Cab. 7.5 /00-2/2/2-PVC/gray Cable length 020 Cable length 20 m Cable socket S017 8poles, straight cable	1No's	

Prepared by	Name: Manjunath	Approved by	Name: Shivali G
	Signature:  13/11/23		Signature: 

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### ✓ Scope of Supply

Supplier need to supply below mentioned items,

SI.No.	Particulars	Qty	Remarks
1	Stator and Rotor K-T40B-100Q-MF-S-M-DU2-2-U	1No	
2	K-KAB-T-0153-01-020-S015 cable for torque	1No	
3	K-KAB-T-0154-01-020-S017 cable for torque	1No	

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	Signature:		Signature:
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**CHECKLIST FOR THE DOCUMENTS REQUIRED FROM VENDOR / SUPPLIER**


**For Bought Out Items (BOI)**

SI No	Document Type	Tick mark
1.	ISO 9001-2015 / QMS Certificate	<input type="checkbox"/>
2.	Calibration Certificate	<input checked="" type="checkbox"/>
3.	Certificate of Compliance (COC)	<input type="checkbox"/>
4.	Warranty Certificate	<input type="checkbox"/>
5.	CE/ Relevant Standard (For Electrical)	<input checked="" type="checkbox"/>
6.	User Manual	<input checked="" type="checkbox"/>

**For Manufacturing Items**

SI No	Document Type	Tick mark
1.	ISO 9001-2015 / QMS Certificate	<input type="checkbox"/>
2.	Material Chemical Certificate	<input type="checkbox"/>
3.	NDT Test Certificate <ul style="list-style-type: none"> <li>1. Ultrasonic Test (For raw material)</li> <li>2. DPT</li> <li>3. MPT</li> </ul>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4.	Heat Treatment Certificate <ul style="list-style-type: none"> <li>1. Hardening</li> <li>2. Carburizing</li> <li>3. Blackening</li> <li>4. Tempering</li> <li>5. Annealing</li> </ul>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
5.	QAP Documents As per CMTI Standards <ul style="list-style-type: none"> <li>1. Casting</li> <li>2. Forging</li> <li>3. Welding</li> <li>4. Fabrication</li> <li>5. Machining</li> <li>6. Gear Cutting</li> </ul>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
6.	Dimensional Inspection Report	<input checked="" type="checkbox"/>
7.	Job Card	<input type="checkbox"/>

Prepared by	Name: <u>Manjun H</u>	Approved by	Name: <u>Shruthi - G.</u>
	Signature: <u>[Signature]</u>		Signature: <u>[Signature]</u>

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