



AEROSPACE LAB

AS9100 Rev D

TECHNICAL SPECIFICATION

Document No.	CMTI/RSTE/AKK/Tech. Spec/18-23/Rev-00
Revision	00
Date	10-08-2023
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DESCRIPTION OF ITEM:

HYDRAULIC FITTING REQUIREMENT

SI No	Specification	Requirement	Remarks (Please mention if critical requirement)
P/N: PT0301200 T10E			
1	Bore Diameter, D_N H9	120.0 mm	Make: ANK/Trolleborg As
2	Groove Diameter, d_1 h9	104.5 mm	
3	Groove Width, $L_1 +0.2$	6.3 mm	
4	Min. Temperature	-70.0 °C	
5	Max. Temperature	260.0 °C	
6	Speed max	15.0 m/s	
7	Pressure max.	50 100 MPa	
8	Dimension	100.97 x 5.33	
9	Material	Teflon, EPDM	
P/N: RS1300750 T10E			
1.	Diameter of groove, $D1$ H9	90.1	} make: ANK/Trolleborg As
2.	Width of groove, $L_1 +0.2$	6.3	
3.	Dimension	81.92 x 5.33	
4.	Bore Diameter, D_N f8/h9	75.0	
5.	Pressure max.	50 100 MPa	
6.	Material	Teflon, EPDM	

Prepared by	Name: Pradeep paudyal	Approved by	Name: Anilkumar
	Signature: Pradeep paudyal		Signature: Anilkumar 10/8/23

**CENTRAL MANUFACTURING TECHNOLOGY INSTITUTE
TUMKUR ROAD, BANGALORE 560 022**

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Scope of Supply

Supplier need to supply below mentioned items,

SI. No.	Particulars	Qty	Remarks
1.	Certificate of Compliance (COC)	1	
2.	Warranty Certificate	1	
3.	ISO 9001-2015 / QMS Certificate	1	
4.	P/N: PT0301200	42	
5.	P/N: RS1300750	42	

Prepared by	Name: <i>Paradeep pandey</i>	Approved by	Name: <i>Prithvi Kumar</i>
	Signature: <i>Paradeep pandey</i>		Signature: <i>[Signature]</i> 10/8/23
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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 checked="" type="checkbox"/>
2.	Calibration Certificate	<input type="checkbox"/>
3.	Certificate of Compliance (COC)	<input checked="" type="checkbox"/>
4.	Warranty Certificate	<input checked="" type="checkbox"/>
5.	CE/ Relevant Standard (For Electrical)	<input type="checkbox"/>
6.	User Manual	<input 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 1. Ultrasonic Test (For raw material) 2. DPT 3. MPT	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4.	Heat Treatment Certificate 1. Hardening 2. Carburizing 3. Blackening 4. Tempering 5. Annealing	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
5.	QAP Documents As per CMTI Standards 1. Casting 2. Forging 3. Welding 4. Fabrication 5. Machining 6. Gear Cutting	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
6.	Dimensional Inspection Report	<input type="checkbox"/>
7.	Job Card	<input type="checkbox"/>

Prepared by	Name: <i>Paradeep pandey</i>	Approved by	Name: <i>Anil Kumar</i>
	Signature: <i>Paradeep pandey</i>		Signature: <i>10/8/23</i>

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