



Notes

1. The length of the Roller is the difference between the machine frame and the sum of the dimensions to the Roller Hubs. eg. If the distance between the machine frame is 1500mm then the Roller length = $1500 - (59 + 60) = 1381\text{mm}$.
2. One of the Roller Hubs is fitted with set screws in order to lock the roller to the outer race of the bearing and prevent axial movement. The three set screws around the perimeter of the Roller Hub should be tightened finger tight and set in place with Loctite No. 222. Before tightening the set screws ensure there is a minimum gap between the Roller Hub and the Body of the Transducer in order to avoid tightening on to the shell of the bearing.
3. There should be a 2.0mm gap at the free end between the Transducer Body and the Roller Hub to allow for axial float as a result of expansion, contraction and/or bending of the roller.
4. Dimension of the Roller Hub is $\phi 54.0 / 54.25$. The Roller Hubs should be an interference fit in the Roller.

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|---------|----------|-------------------------|--|---|--------------------|----------|----------|----------|----------|------------|--------------------------------|
| Issue 1 | 15/02/01 | Initial Layout | Total Tension Solutions Ltd. 14 Highpoint Business Village Henwood Industrial Estate Ashford Kent. TN24 8DH Telephone: +44 (0) 1233 624422 Fax: +44 (0) 1233 624466 E-Mail: info@tts-systems.co.uk | TITLE BOSS TYPE SIZE 2 TRANSDUCER GENERAL ARRANGEMENT | Drawn By | Date | Approved | Date | Scale | Projection | Third Angle |
| Issue 2 | 01/07/03 | Set screws added | | | CJ | 15/02/01 | XXX | XX/XX/XX | N.T.S | Tolerance | +/-0.1 unless otherwise stated |
| Issue 3 | 26/04/06 | One piece beam design | | | DRAWING NUMBER | | 272-1-4 | | Material | N/A | |
| Issue 4 | 08/06/06 | Connector fixings moved | | | CUSTOMER REFERENCE | | | | Finish | N/A | |
| Issue 5 | XX/XX/XX | XXXXXXXXXXXXXXXXXXXXXX | | | | | | | Notes | See above | |
| Issue 6 | XX/XX/XX | XXXXXXXXXXXXXXXXXXXXXX | | | | | | | | | |
| Issue 7 | XX/XX/XX | XXXXXXXXXXXXXXXXXXXXXX | | | | | | | | | |
| Issue 8 | XX/XX/XX | XXXXXXXXXXXXXXXXXXXXXX | | | | | | | | | |