

## K-Weigh Rollers & Frames

**Weigh Rollers are made to suit all dimensions, but they all share the same technical characteristics.**

K-Weigh Rollers are accurately machined and tested to achieve a Total Indicator Runout of 0.13mm/Roll together with a minimum Out of Balance measurement of 0.01 Nm/Roll.

In order to ensure minimal vibration and maximum accuracy of the weightometers, K-Weigh Roller shafts are fitted with levelling screws in the shaft ends to provide fine tuning adjustments.

The use of weigh quality idlers is also paramount to verify your conveyor belt scale(s) accuracy. These in-line idlers are used to eliminate any secondary moments occurring around the roller.

### General Specification Suitability

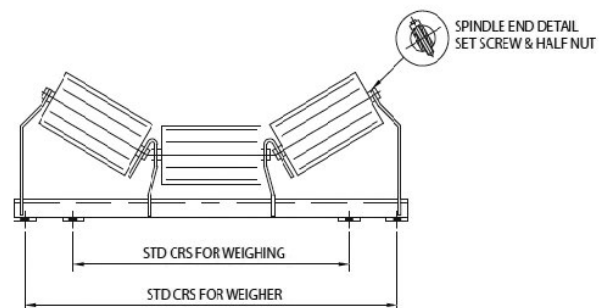
Belt Width Options: 350-2500mm  
 Roller Diameter Sizes: 102-178mm

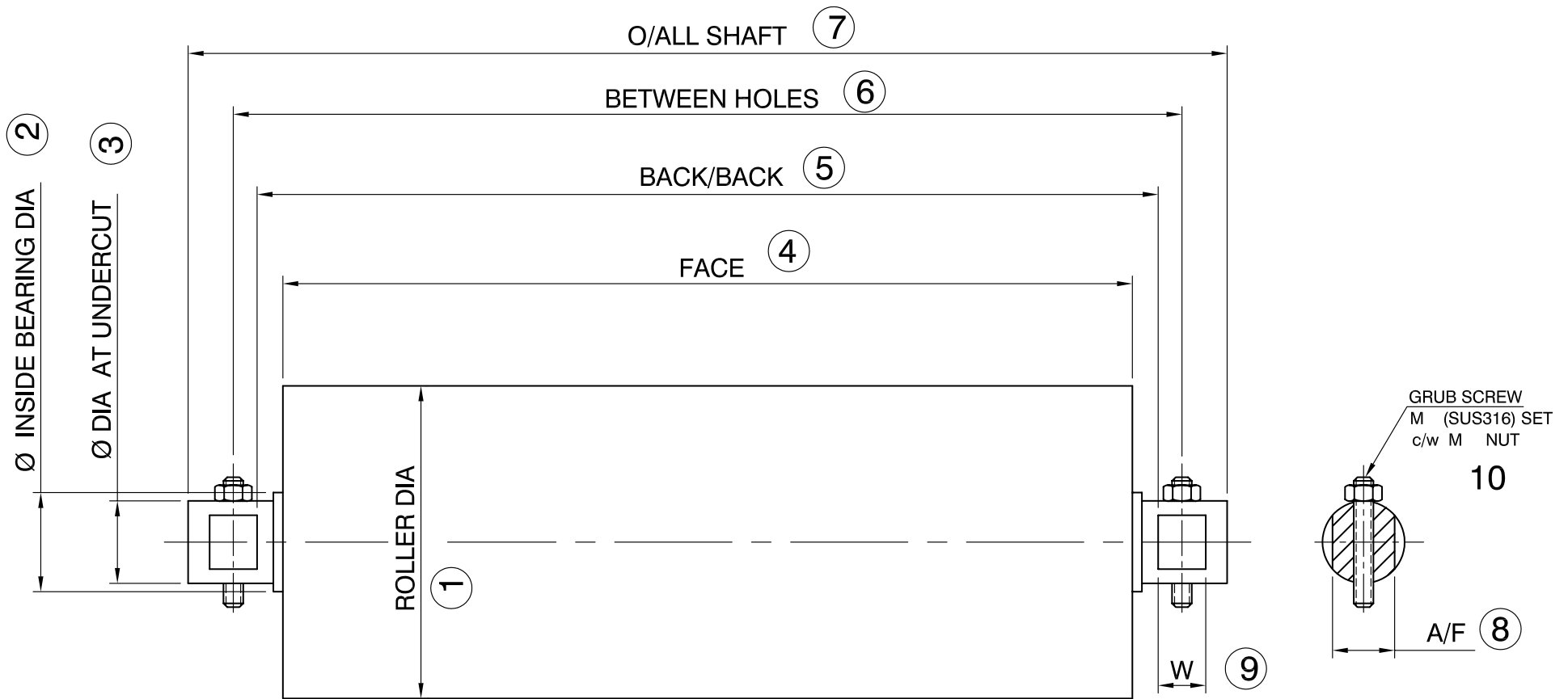


As the belt weighing device is designed to record the mass of the product and belt to a high degree of accuracy, it is also critical that any vibration is minimised.

For any Weigh Idler application, the standard practice is to install a minimum of two idler sets before and after the weigh scale, in order to ensure the load is settled before it passes over the weigh scale.

Replacement Weigh Frames can also be supplied. These are produced using a standardised template to ensure that the belt passes over the scale as smoothly as possible.





BEARING SERIES :- XXXX ZZ  
 SHELL TYPE :- POLYMER or STEEL 11

ROLLERS TO BE STATICALLY  
 BALANCED AND MACHINED FACE  
 TOTAL INDICATOR RUNOUT -  
 0.13mm/ ROLL  
 OUT OF BALANCE - 0.01 Nm/ROLL

IDLER ROLLER - WEIGH  
 (DIMENSIONS SHEET)

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