



ENGINEERED SOLUTIONS FOR INDUSTRIES WORLDWIDE

SOLON® BELLEVILLE SPRINGS | SOLON® PRESSURE SWITCHES

TECHNICAL SERVICE BULLETIN

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Subject: Belleville Maximum Deflection Correction

Part Numbers Affected: Multiple

Condition: The maximum deflection shown in the specification sheet for some Belleville spring part numbers is too low.

Cause: There was an error in the database calculation for maximum deflection for some items.

Diagnosis: The maximum deflection should normally be calculated as follows:

$$\text{MAX Deflection} = \text{MAX Overall Height} - \text{MIN Thickness}$$

Correction: Solon Manufacturing Company made the appropriate correction to the database and specification sheets. The corrected specs are now in accordance with Solon and DIN 2093 standards. Springs that are excluded from this correction include custom items where the customer has placed a deliberate restriction on the maximum deflection.

Approved By: G. Davet

Approved Date: 02-13-2017

Originated By: G. Davet

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