

"HIGH CORR" CONTROLLED FLEXING SERIES 150 / 300 PSIG EXPANSION JOINTS

Engineering Specification.

Expansion joints shall be of the high corrugation controlled flexing, single ply hydro-formed T304 SS bellows type. Expansion joints shall be rated for 150 psi (1034 kPa) maximum working pressure when furnished with 150 lbs rated flanges (Vanstone or RFSO) or standard weight weld ends at 850°F (454°C) maximum operating temperature.



Expansion joints shall be rated for 300 psi (2068 kPa) maximum working pressure when furnished with 300 lbs rated flanges at 850°F (454°C) maximum operating temperature.

Expansion joints shall be furnished with neck rings and control rings to ensure even movement distribution between corrugations and prevent over-compression.

Maximum test pressure shall be 1-1/2 x maximum working pressure.

Expansion joints shall be of single or dual type and may be provided with liners, covers, control rods, limit stops and/or intermediate anchor base, as required.

The number of corrugations and overall length of the expansion joints shall be determined by the thermal expansion requirements. Guiding and anchoring per EJMA recommendations and guidelines.

Approved Product: Model CSF (for flanged ends) or Model CSW (for weld ends) as manufactured by Mark David Canada Inc., Montreal, QC, Canada.

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