Diverter Flexible Joint

The Diverter Flexible Joint is installed at the top of the riser below the diverter housing where it will encounter significant compression. It is capable of free angular rotation of ±15°, up to 4,000 kips tension and 500 psi maximum pressure. The Diverter Flexible Joint is available in different configurations based on the maximum working tension requirements.

The Diverter II Flexible Joint contains two flex elements (double-ended) for applications requiring rotation at both ends. Each flex element comprises a primary and secondary flex element. The Diverter III Flexible Joint utilizes one flex element for situations with one fixed end and the other subject to rotation.

Diverter II	-1	-2	-3	-5	-8
Max. Working Tension (kips)	500	1,000	2,000	2,500	4,000
Max. Operating Pressure (psi)	500	500	500	500	500

Diverter III	
Max. Working Tension (kips)	2,000
Max. Operating Pressure (psi)	500