

NINJA-EXO - Shielded Expansion Joint (Grooved)



Product Description

The Groove Ended Axial Expansion Joints are specifically designed to be used with grooved coupling systems and also absorb thermal expansion that occurs in straight pipelines. The Ninja EXO™ range is a shielded expansion joint designed for modern heating and cooling pipework systems. Unlike conventional exposed stainless steel bellows, the EXO™ incorporates a shielded bellows architecture with controlled axial movement. This significantly reduces the risks of site damage, corrosion from insulation contact, debris accumulation, and buckling instability.



Design Features

- 316 Stainless Steel Bellow Core
- SCH40 Grooved Pipe end connections
- 304 Stainless Steel internal flow sleeve
- Design Temperature of 400°C
- Max working pressure of 16 Bar, Max Test pressure 24bar
- Available in the following nominal size:40NB to 250NB

Part Number	Nominal Size (")	Nominal Size (mm)	Overall Length (mm)	Axial Movement (mm)
NS-EXO-040-G	40NB / 48OD	40	540	-40mm +20mm
NS-EXO-050-G	50NB / 60.3OD	50	530	-40mm +20mm
NS-EXO-065-G	65NB / 76.1OD	65	530	-40mm +20mm
NS-EXO-080-G	80NB / 88.9 OD	80	540	-40mm +20mm
NS-EXO-100-G	100NB / 114.3 OD	100	560	-40mm +20mm
NS-EXO-125-G	125NB / 139.7 OD	125	580	-40mm +20mm
NS-EXO-150-G	150NB / 168.3OD	150	620	-40mm +20mm
NS-EXO-200-G	200NB / 219.1 OD	200	630	-40mm +20mm
NS-EXO-250-G	250NB / 273 OD	250	650	-40mm +20mm