MACOGA
ENGINEERED EXPANSION JOINTS

STANDARD ROUND EXPANSION JOINT SPECIFICATION SHEET

Customer:		Date:		Page:	
Project:		Prepared By:			
Item or Tag Number:					
Quantity					
Size					
Style or Type (single, universal, hinged, gimbal, etc.)					
End Connections	Thickness / Flange Rating				
	Material				
*Pressure	Design				
	Operating				
	Test				
*Temperature	Design				
	Operating				
	Installation				
Media	Media				
	Flow Velocity				
	Flow Direction				
Movements and Life Cycle	Installation	Axial Extension			
		Axial Compression			
		Lateral			
		Angular			
		Number of Cycles			
	Design	Axial Extension			
		Axial Compression			
		Lateral			
		Angular			
		Number of Cycles			
	Operating	Axial Extension			
		Axial Compression			
		Lateral			
		Angular			
		Number of Cycles			
Materials	Bellows				
	Liner				
	Cover				
Dimensions	Overall Length				
	Maximum O.D.				
	Minimum I.D.				
Spring Rates	Maximum Axial Spring Rate				
	Maximum Lateral Spring Rate				
	Maximum Angular Spring Rate				
Quality Assurance	Bellows Long. Seam Weld				
	Bellows Attachment Weld				
Required Code	Piping				

Applicable Codes and Standards: B31.1, B31.3, Sect 8 Div 1

MACOGA
ENGINEERED EXPANSION JOINTS

STANDARD RECTANGULAR EXPANSION JOINT SPECIFICATION SHEET

Customer:		Date:		Page:	
Project:		Prepared By:			
Item or Tag Number:					
Quantity					
Size (long side and short side)					
Orientation (horizontal / vertical / inclined)					
Style or Type					
Corner Type					
End Connections	Thickness/ Flange Size				
	Material				
Pressure	Design				
	Operating				
Temperature	Design				
	Operating				
	Installation				
Media	Media				
	Flow Velocity				
	Flow Direction				
Movements	Axial Extension				
	Axial Compression				
	Lateral (parallel to short side)				
	Lateral (parallel to long side)				
	Angular (parallel to short side)				
	Angular (parallel to long side)				
Materials	Bellows				
	Liner				
	Cover				
Dimensions	Overall Length				
Maximum Spring Rates	Axial				
	Lateral (parallel to short side)				
	Lateral (parallel to long side)				
	Angular (parallel to short side)				
	Angular (parallel to long side)				
Quality Assurance	Bellows Long. Seam Weld				
	Bellows Attachment Weld				
Required Code					
Applicable Codes and Standards: B31.1, B31.3, Sect 8 Div 1 or other					