



DIFFUSER ROTATES OUT OF WAY UPON IMPACT WITH DEBRIS.

NOTES:

- Diffuser is 316 S.S. Other materials are available.
- Polymer diffuser is spring loaded. Designed to swing out of the way of any debris that is traveling through the pipeline.
- Shown with only one polymer diffuser. Also available in multiple diffuser design or customized diffuser hole patterns.
- Polymer diffuser is integrated into the underside of the flange cover. Diffuser can be inspected or serviced by unbolting the flange cover.
- Diffuser bearing is protected by a deflector plate to protect from damage from passing debris.
- Diffuser bearing is protected from a pressurized seal bearing. Flow of clean polymer prevents sand or silt from intruding into bearing .

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING	PROJECT NO.	STANDARD	INYO PROCESS			
	DRAWN	RT				
	CHECKED	ES	MATURE FINE TAILINGS (MFT) POLYMER INJECTION SYSTEM			
	DESIGN APPROVED	-				
	MFG. APPROVED	-				
	QA APPROVED	-	SIZE A	DRAWING NO MFT-1000	REV -	
	RELEASE DATE	4-30-10	SCALE NTS	WEIGHT	SHEET 1 OF 1	