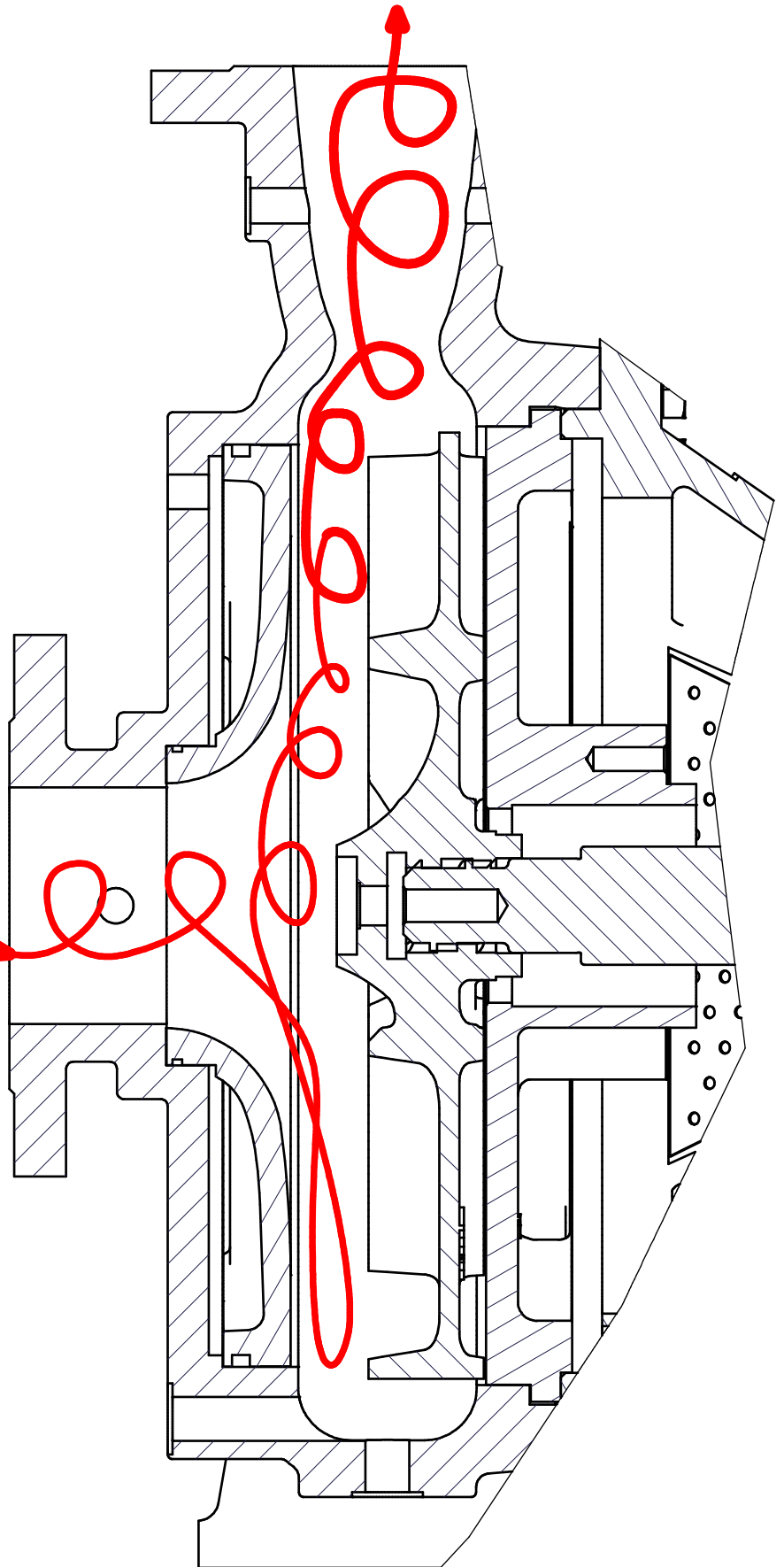


## Principle of operation

The principle of operation for a 100% recessed impeller vortex pump is very simple. The impeller spins in an area of the volute that is completely out of the liquid flow path. The spinning creates a vortex similar to that found in a toilet bowl when it is flushed or a tornado. Since the impeller is not in the flow path of the volute, the pump is ideal for handling liquids that contain long stringy solids, large diameter solids, slurries or a combination of all of these without plugging up. Basically, whatever goes into the pump suction will be pumped out as long as the solids are smaller than the discharge connection.



Tolerierung	Werkstückkanten	(Zul. Abw.) Allgemeintoleranzen ISO 2768-fK	(Oberfläche) ISO 1302-R3	Maßstab	Gewicht:
ISO 8015	ISO 13715			(Werkstoff, Halbzeug) (Rohteil-Nr.) (Model-oder Gesenk-Nr.)	
		Datum	Name	(Benennung)	
		Bearb. 26.02.2000		<b>Vortex</b>	
		Gepr.			
		Norm			
		<b>Lotzer &amp; Mühlenbruch GmbH</b>		(Zeichnungsnummer)	Blatt 1
		Diepholzerstr.7 27751 Delmenhorst Germany			Bl. 1
Status	Änderungen	Datum	Name	(Ers. f.)	(Ers. d.)