



TJ型释放器

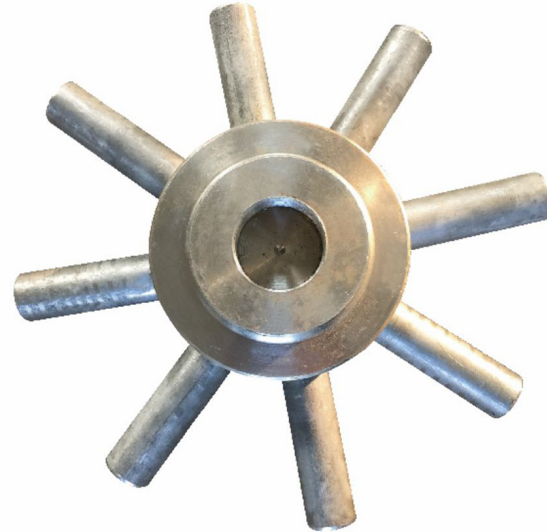
TJ release device

工作原理

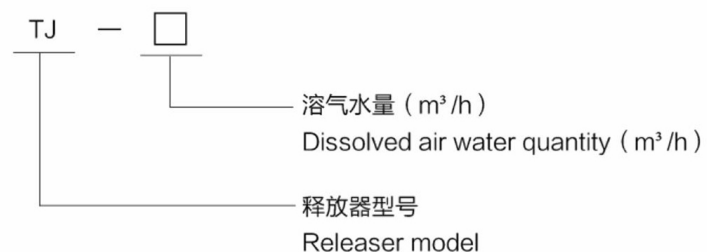
溶气气浮净水法是将溶气系统产生的压力溶气水，经释放器释放，产生大量的微细气泡引入待处理水中。利用粘附在固体杂质上气泡的浮力，达到固、液快速分离，并提高浮渣浓缩程度的目的。因此，被认为是水处理技术上的一次重大突破，溶气释放器是溶气气浮净水系统中关键装置。压力溶气水只有通过该装置降压消能后，才能释放出大量的微细气泡，释放器性能的好坏，涉及到气泡的微细度，它直接影响气浮法净水的效果。

Working principle

The water purification method of dissolved air flotation is that the pressure dissolved air water produced by the dissolved air system is released by the releaser, thus generating a large amount of minimal bubbles, which are introduced into the water to be treated. The floating force of the bubbles adhered on the solid impurities is used to achieve the goal of rapid separation of solid and liquid, and improving the extent of scum concentration. Therefore, it is considered as one great breakthrough in the water treatment technology, and dissolved air releaser is the key device in the air flotation water purification system. Pressure dissolved air water can release a large amount of minimal bubbles only after pressure relief and energy dissipation, and the releaser performance involves the particle size of the bubbles, which has direct influence on the water purification with air flotation method.



型号意义 Meaning of the model



技术优势

- ▶ 在3kgf/cm² 压力下，即能有效的工作。
- ▶ 释出气泡平均直径在5-10微米。
- ▶ 释气完善程度为99%以上。

Technical advantages

- ▶ It can work effectively at a pressure of 3kgf/cm².
- ▶ The average diameter of the released bubbles is 5-10 μm.
- ▶ The perfection degree of bubble release is over 99%.

型号规格及相关技术参数 Model specifications and related technical parameters

型号 Model	规格 Specification	溶气水进口直径 (寸) Diameter of the dissolved air water inlet (inch)	不同压力下流量 Flow under different pressures (m ³ /h)				作用直径 Diameter of action
			3.0kgf/cm ²	3.5kgf/cm ²	4.0kgf/cm ²	5.0kgf/cm ²	
TJ-1	/	1"	1.28	1.38	1.47	1.67	400
TJ-2.5	8 × 1/2"	1"	2.81	2.97	3.14	3.6	600
TJ-5	8 × 1"	5/4"	5.6	5.98	6.31	7.3	1000
TJ-7.5	8 × 5/4"	2"	7.8	8	8.5	9	1100
TJ-10	8 × 3/2"	3"	10.56	11.11	11.75	12	1200