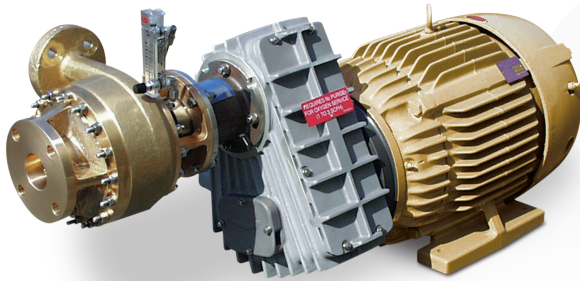


# Models AC/TC-21

## Belt Box Configuration



### Specifications

Flow Range	gpm	10 – 180
	lpm	35 – 680
NPSHR	feet	2 – 8
	meter	0.6 – 2.5
Differential Head	feet	100 – 1,100
	meter	30 – 335
Pump Design Rating	hp	5 – 30
	kw	3.75 – 22.5
Speed Range	rpm	2,000 – 8,400

Consult ACD engineering for actual performance ratings.

### Features & Benefits

- Belt drive design allows for higher speeds
- Belt tension mechanism increases life of the timing belt and bearings
- Lightweight aluminum belt housing construction reduces overall pump weight
- Belt drive components have “full tooth engagement” for greater capacity and longer life
- Bearing purge ports are provided for liquid oxygen applications
- Cold end can be removed as a single piece, simplifying maintenance
- All bronze construction allows for O<sub>2</sub> compatibility

### Applications

- Liquid storage transfer
- Liquid cylinder filling
- Trailer off-loading (ground mount)
- Test facility support
- Laboratory research

### Liquids Pumped

- Nitrogen
- Oxygen
- Argon
- Methane

### Typical Scope of Supply

- Pump, belt box, TEFC motor shown
- Grease packed bearings
- Motor purge ports
- Long life mechanical seal (CFS)