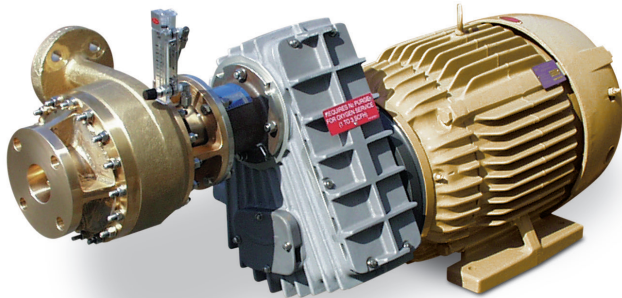


Model AC/TC-21 Belt Box Pumps



.75 x 1 x 4, 1 x 2 x 4.5, 1 x 2 x 6, 1 x 2 x 6-25 and 1.5 x 2.5 x 6C

Specifications

Pump Size	units	1.5 x 2.5 x 6C
	gpm	10 – 180
Flow Range	lpm	35 – 680
	feet	2 – 8
NPSHR	meter	0.6 – 2.5
	feet	100 – 1,100
Differential Head	meter	30 – 335
	hp	5 – 40
Pump Design Rating	kw	3.75 – 30
	rpm	2,000 – 10,500

Consult Nikkiso ACD engineering to confirm available sizes and 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 O₂ 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)