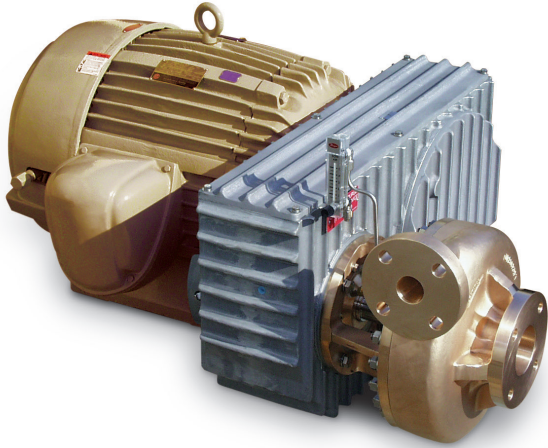


Model AC/TC-50 Belt Box Pumps



1 x 2 x 6 - 25, 1.5 x 2.5 x 10 and 2 x 4 x 8.5

Specifications

Pump Size	units	1.5 x 2.5 x 10
Flow Range	gpm	20 – 200
	lpm	75 – 750
NPSHR	feet	2 – 12
	meter	0.6 – 4
Differential Head	feet	200 – 1,500
	meter	60 – 455
Pump Design Rating	hp	25 – 100
	kw	19 – 75
Speed Range	rpm	3,650 – 8,750

Consult Nikkiso ACD engineering to confirm available sizes and ratings.

Features & Benefits

- Rugged high speed belt box:
 - Excellent for intermittent duty, high power/flow applications
 - Design does not require an inverter duty motor to obtain high speed, high pressure applications
 - Excellent cold creep barrier to protect motor bearings
- Impeller design allows for low NPSH requirement
- All bronze construction allows for O₂ compatibility
- Mechanical seal (CFS) ensures long life
- Bearing/belt box purge ports provided for O₂ applications

Applications

- Liquid storage transfer
- Small and medium plant transfer and pipeline back-up
- Tank car unloading

Liquids Pumped

- Nitrogen
- Oxygen
- Argon
- Methane

Typical Scope of Supply

- Pump, TEFC motor, and high performance belt box drive shown
- Mechanical seal purge ports

Optional Accessories

- Pump skid assembly
- Bearing purge kit
- Spare parts kit