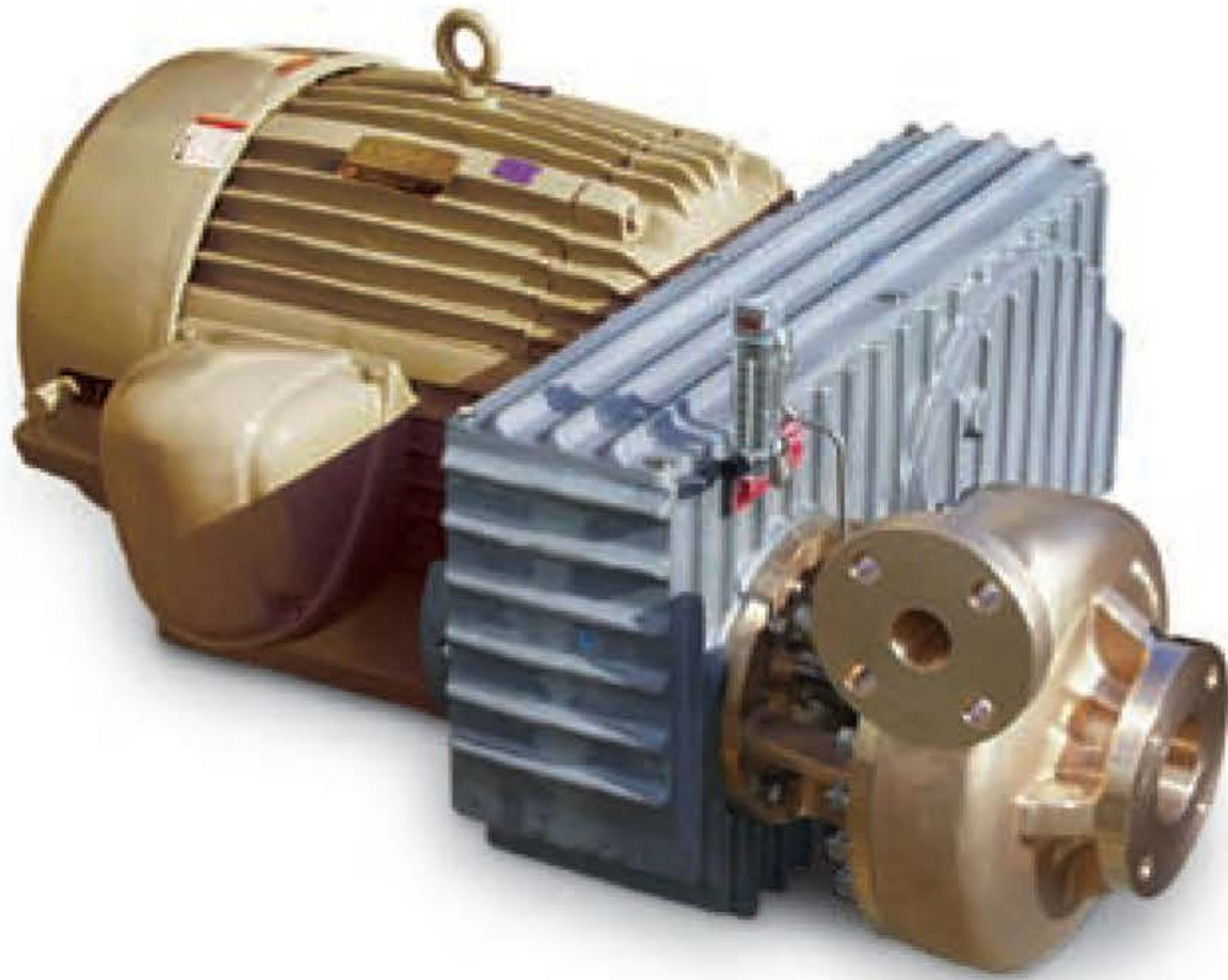


# MODEL TC-50

## BELT BOX PUMP



SPECIFICATIONS		
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	40 – 75
	kw	30 – 55
Speed Range	rpm	3,650 – 8,750

Consult ACD engineering for actual performance 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 O<sub>2</sub> compatibility
- Mechanical seal (CFS) ensures long life
- Bearing/belt box purge ports provided for O<sub>2</sub> applications

### APPLICATIONS

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

### TYPICAL SCOPE OF SUPPLY

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

### LIQUIDS PUMPED

- Nitrogen
- Oxygen
- Argon
- Methane (LNG)

### OPTIONAL ACCESSORIES

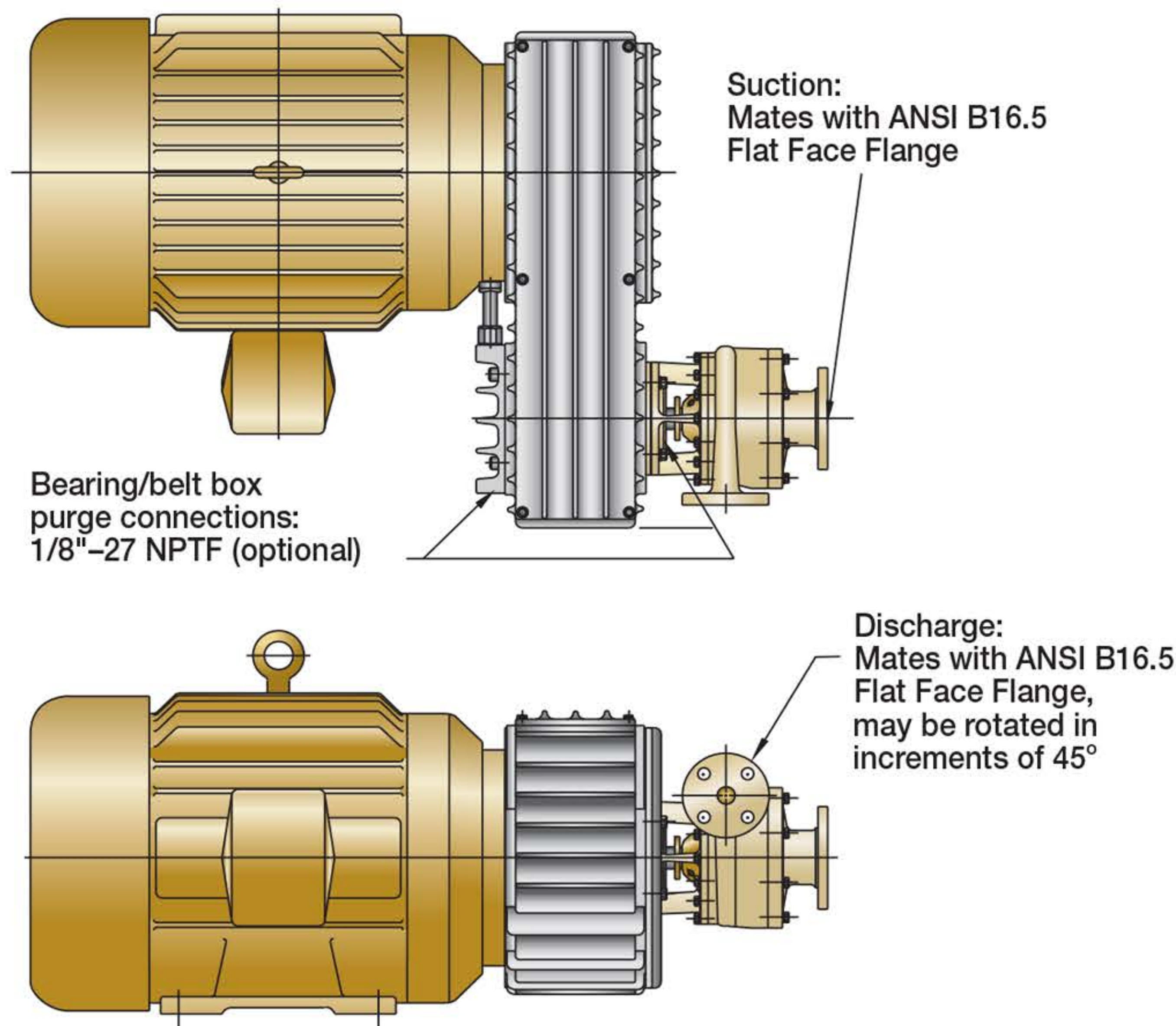
- Pump skid assembly
- Bearing purge kit
- Spare parts kit

Para más información comuníquese al  
 305.888.5353  
 o al correo electrónico  
 info@intltec.com



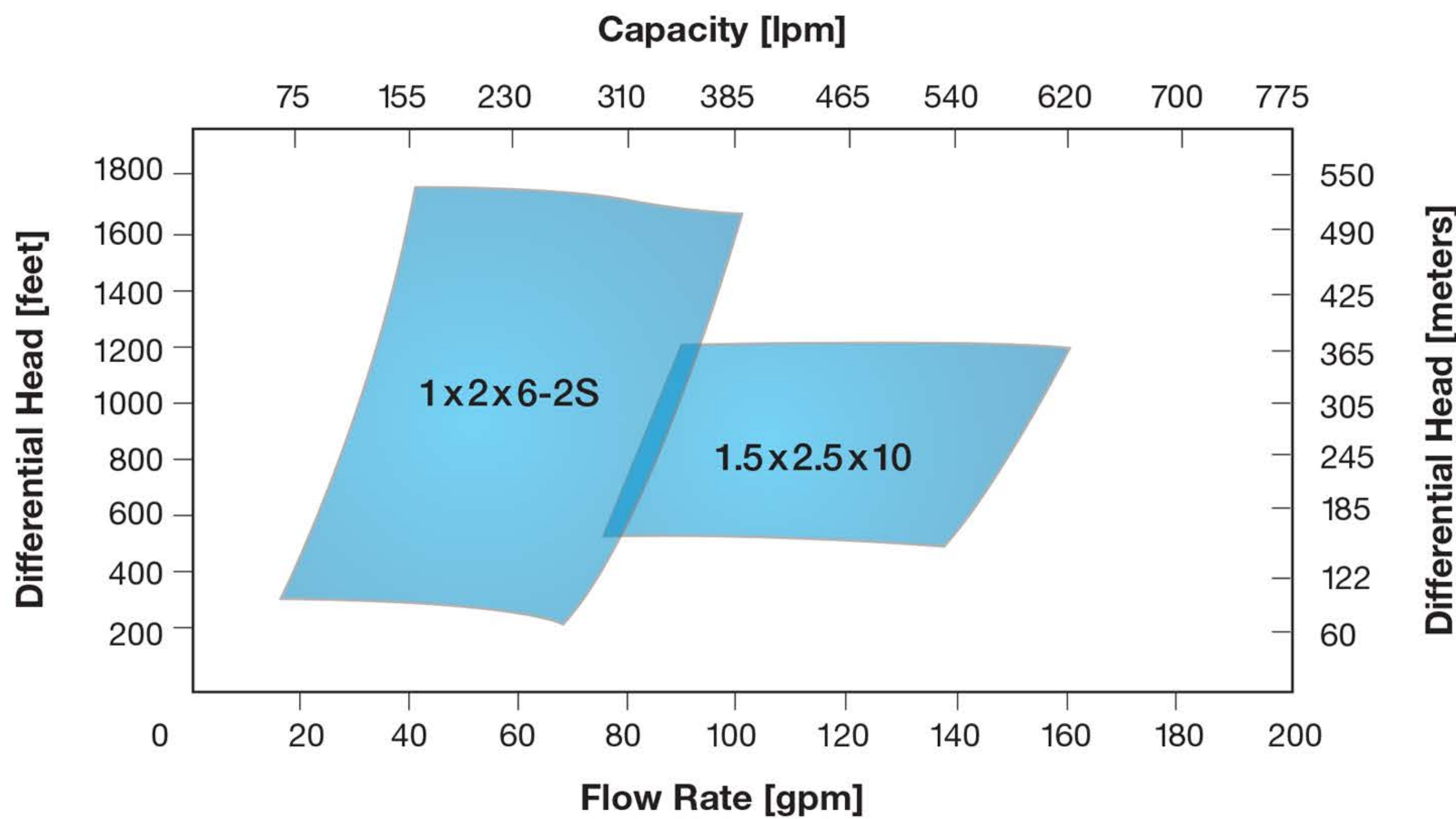
# MODEL TC-50

## TYPICAL INSTALLATION



Contact ACD for dimensional information.

## PUMP PERFORMANCE CURVE



### Speed Range:

1 x 2 x 6-2S 3,650 to 5,500 rpm

1.5 x 2.5 x 10 3,650 to 8,750 rpm

Note: Limited to 10 fps

60 HZ performance

## MANUFACTURING



2321 S. Pullman Street  
Santa Ana, CA 92705 USA  
Tel 800.525.4216 (USA only)  
Tel +1.949.261.7533  
Fax +1.949.261.6285  
acd@acdllc.com • acdllc.com



Gutenbergstrasse 1  
CH-4142 Muenchenstein Switzerland  
Tel: +41.61.413.0230  
Fax: +41.61.413.0233  
sales@acdryo.com • acdryo.com

## GLOBAL SERVICE

### NORTH AMERICA

#### Atlanta

Atlanta, Georgia, USA  
+1 404.696.8113 • Fax +1 404.696.8116  
sales@cryoatlanta.com • cryoindservice.com

#### California

Santa Ana, California, USA  
+1 949.724.8636 • Fax +1 714.641.1921  
sales@cryocal.com • cryoindservice.com

#### Houston

Houston, Texas, USA  
+1 281.590.4800 • Fax +1 281.590.4801  
sales@cihouston.com • cryoindservice.com

#### Pittsburgh

Imperial, Pennsylvania, USA  
+1 724.695.1910 • Fax +1 724.695.1926  
pittcryo@pittcryogenic.com • cryoindservice.com

#### Red Deer

Red Deer, Alberta, Canada  
+1.403.352.4436 • Fax +1.403.352.4439  
sales@cryocanada.com • cryoindservice.com

#### Toronto

Toronto, Ontario, Canada  
+1 416.502.1950 • Fax +1 416.502.1952  
info@cryocanada.com • cryoindservice.com

### INTERNATIONAL

#### Australia

Dandenong, Victoria, Australia  
+61.3.9791.7888 • Fax +61.3.9769.2788  
sales.au@cryoquip.com • cryoquip.com

#### Brasil

São Paulo – SP, Brasil  
+55 11 9619.6532 SP  
sales.br@acdcom.com • www.acdcom.com

#### China

Hangzhou, China  
+86.571.8869.0788 • Fax +86.571.8869.0715  
hci@mail.hz.zj.cn • cryoindservice.com

#### Europe

D-79415 Bad Bellingen Germany  
+49.7635.8105.0 • Fax: +49.7635.8965  
info@acdryo.com • acdryo.com

#### India

Vadodara, Gujarat, India  
+91.265.283 0113 • Fax +91.265.283 0112  
npatel@acdllc.com • acdcom.com

#### Korea

Yongin-si, Gyeonggi-do, Korea  
+82.31.286.6114 • Fax +82.31.286.6118  
info@ci-korea.co.kr • cryoindservice.com

#### Malaysia

Shah Alam, Selangor D.Ehsan, Malaysia  
+603.5740.8770 • Fax +603.5740.8775  
cryogen@po.jaring.my • cryoindservice.com

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Para más información comuníquese al  
305.888.5353  
o al correo electrónico  
info@intltec.com



# INTERNATIONAL TECHNISYSTEMS INC.