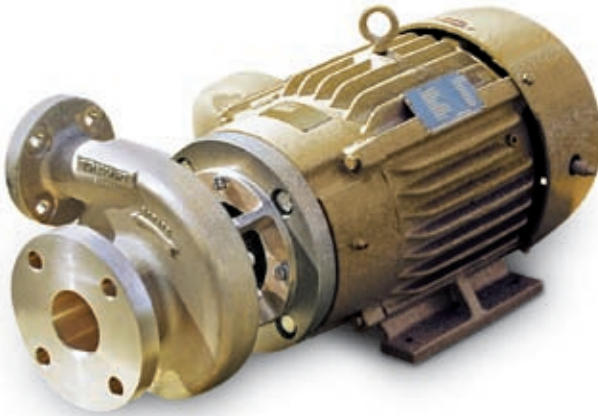




## MODEL AC/TC-30

### CLOSE COUPLED PUMP



#### SPECIFICATIONS

Flow Range	gpm	16–630
	lpm	60–2,350
NPSHR	feet	2–12
	meter	0.6–4
Differential Head	feet	20–700
	meter	6–210
Pump Design Rating	hp	3–100
	kw	2.2–75
Speed Range	rpm	1,450–7,200

Consult ACD engineering for actual performance ratings.



#### FEATURES & BENEFITS

- Close coupled design provides:
  - Operations at high efficiencies
  - Fewer moving parts
  - Lower maintenance costs
- Shaft seal design (mechanical, gas riding or labyrinth) are state-of-the-art and prolong life without leakage
- VFD compatibility allows for multiple operating speeds
- Minimum recirculation wear rings reduce maintenance requirements and improve efficiencies

#### APPLICATIONS

- Liquid storage transfer
- Process plant
- Truck and trailer off-loading
- Tank car unloading

#### LIQUIDS PUMPED

- Nitrogen
- Oxygen
- Argon
- Methane

#### OPTIONAL ACCESSORIES

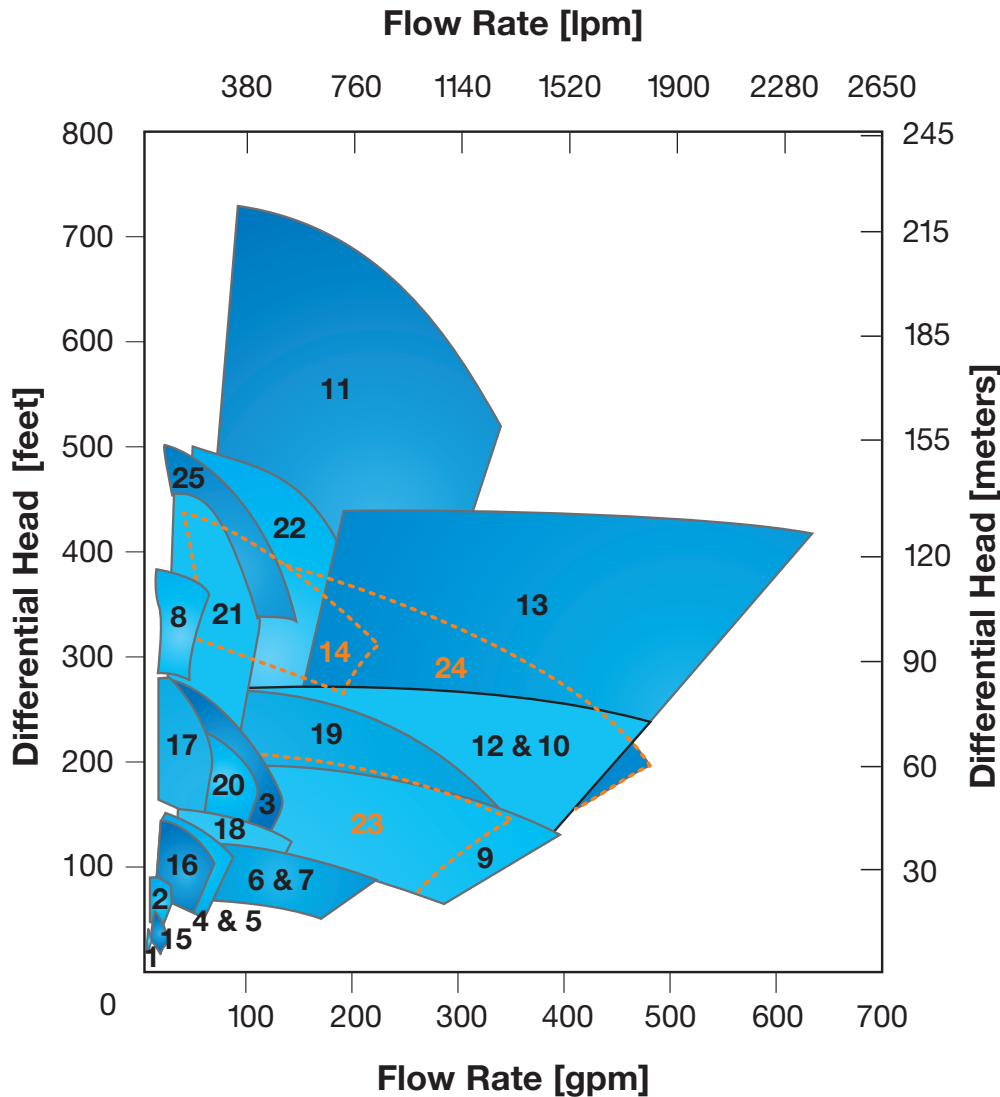
- Labyrinth seal (dual, single)
- Gas riding seal
- Pump skid
- Automatic control system
- Purge, seal and recommended spare parts kits

#### TYPICAL SCOPE OF SUPPLY

- Pump and TEFC electrical motor shown
- Long life CFS mechanical seal
- Motor and seal purge ports

# MODEL AC/TC-30

## PUMP PERFORMANCE CURVE



60 HZ performance

MODEL AC	
Pump ID	Pump Size
1	.5x.5x3
2	1x2x4.5
3	1x3x8.5
4	1.5x2.5x6A
5	1.5x3x6
6	2x3x6
7	2x4x6
8	1.5x2.5x7-2SN
9	2x4x8.5
10	3x5x8.5
11	2x4x13
12	3x4x8.5
13	4x5x10.5
14	1.5x3x10.5

MODEL TC	
Pump ID	Pump Size
15	.75x1x4
16	1x2x6
17	1x2x6-2S
18	1.5x2.5x6C
19	2x4x7.37
20	1.5x3x7
21	1.5x3x7-2S
22	1.5x2.5x10
23	2x5x7.37
24	2x4x9
25	1.5x2.5x10N

Contact ACD for proper specific selection.  
Performance are shown at synchronous speed.

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Bulletin No. ACD AC/TC30-R2.09

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