

MODEL 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 O₂ compatibility

APPLICATIONS

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

LIQUIDS PUMPED

- N₂, O₂, Ar
- Methane (LNG)

TYPICAL SCOPE OF SUPPLY

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

OPTIONAL ACCESSORIES

- Bearing purge seal
- Spare parts kit
- Gas riding seal

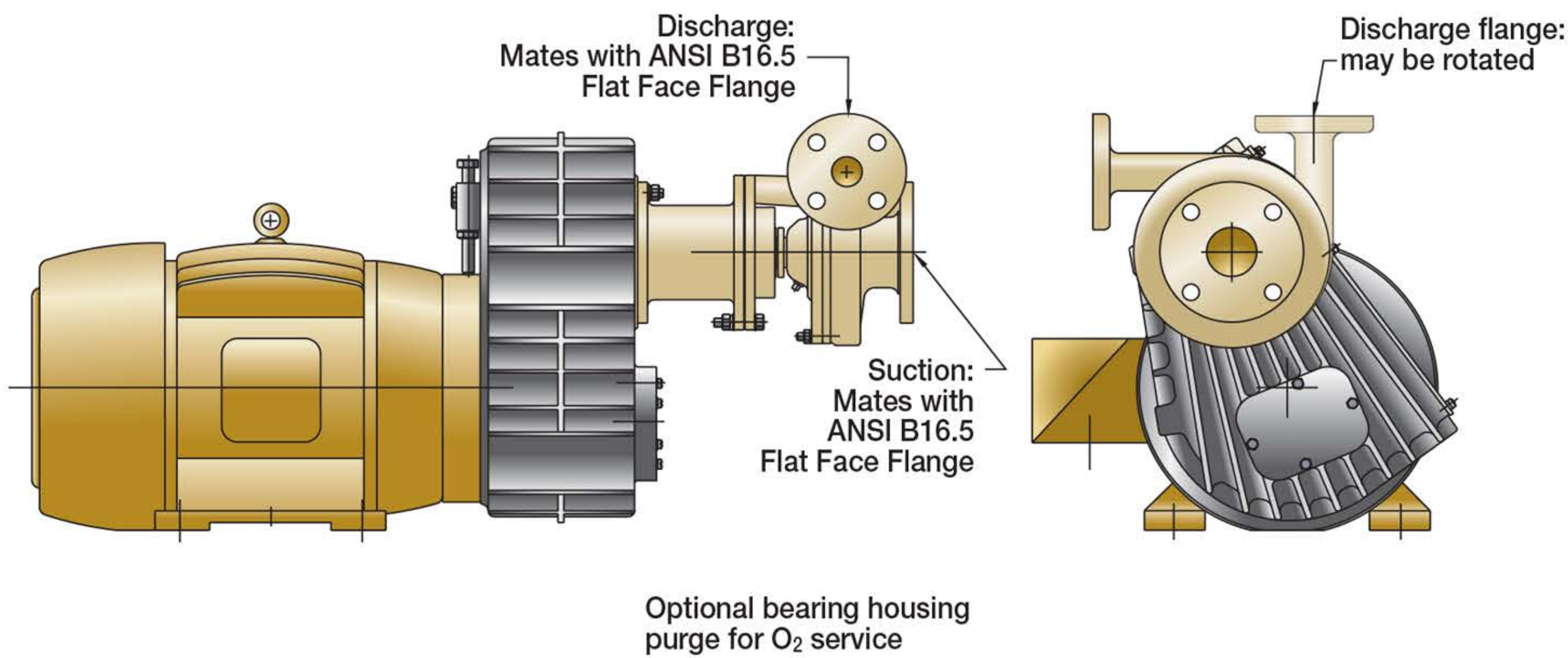
Para más información comuníquese al
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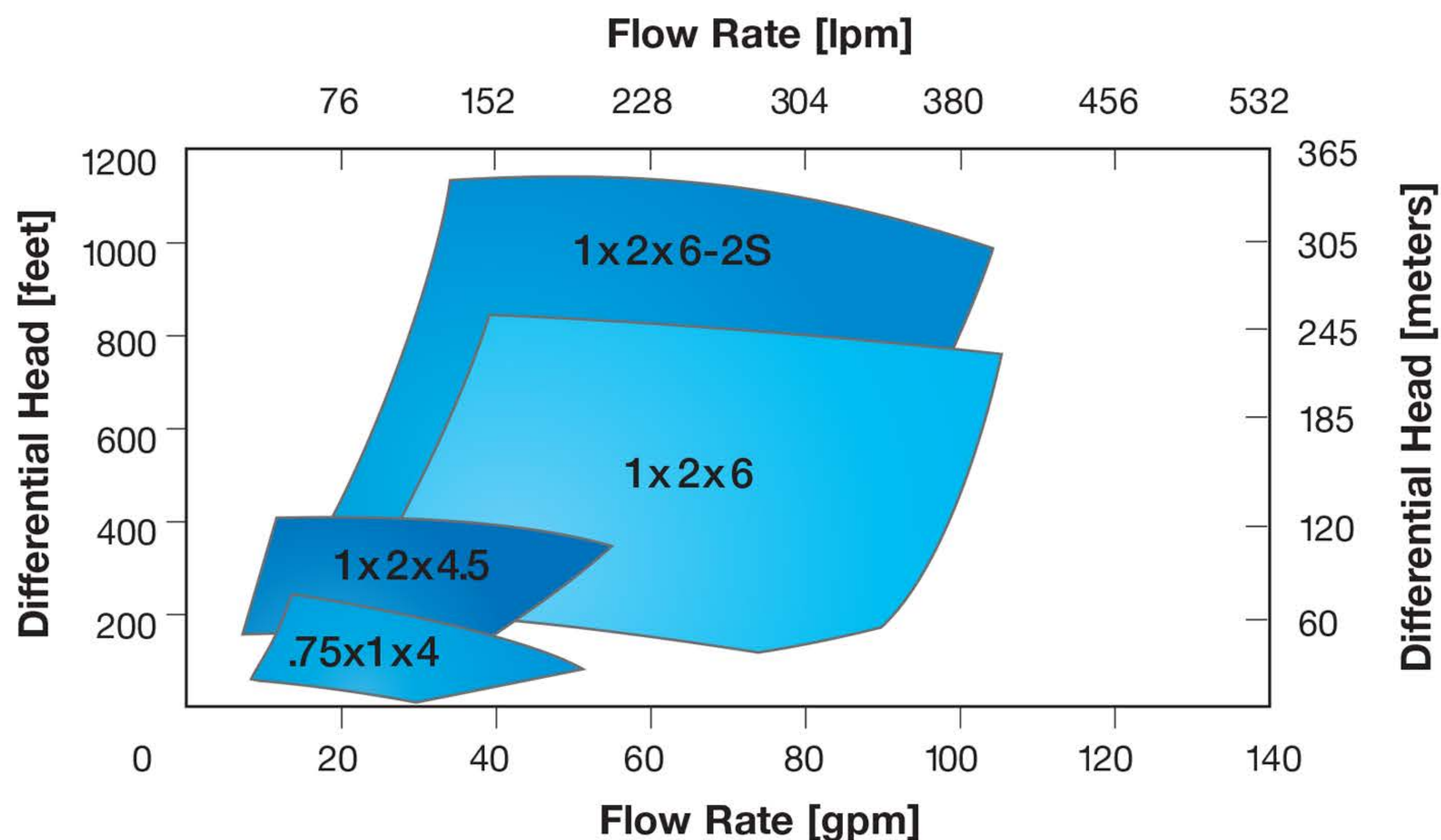
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TYPICAL INSTALLATION



Contact ACD for dimensional information.

PUMP PERFORMANCE CURVE



Speed Range:

.75x1x4	3,950 to 7,000 rpm
1x2x4.5	4,700 to 7,400 rpm
1x2x6	3,950 to 8,400 rpm
1x2x6-2S	3,900 to 7,400 rpm

60 HZ performance

MANUFACTURING



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