

MODEL AC-48

HEAVY DUTY GEARBOX PUMP



SPECIFICATIONS

Flow Range	gpm	30 – 390
	lpm	114 – 1,475
NPSHR	feet	2 – 8
	meter	0.6 – 2.5
Differential Head	feet	400 – 2,000
	meter	120 – 610
Pump Design Rating	hp	25 – 125
	kw	18.5 – 90
Speed Range	rpm	3,900 – 7,500

Consult ACD engineering for actual performance ratings.

FEATURES & BENEFITS

- Pump designed exclusively for process conditions tolerant of piping strains and minimal cavitation
- Heavy duty gearbox construction provides:
 - Reliable operation and installation tolerance
 - Improved efficiencies at higher speeds
 - Higher operating flow rates
- Shaft design allows for vibration-free operation
- Shaft seals (mechanical, gas riding or labyrinth) are state-of-the-art and prolong operation without leakage

APPLICATIONS

- Pipeline back up
- Process send out
- High pressure transfer

LIQUIDS PUMPED

- Nitrogen
- Oxygen
- Argon
- Methane

OPTIONAL ACCESSORIES

- Pump system:
 - Flex lines
 - Valves
 - Strainer
 - Control panel
 - Pressure gauges
 - Pressure switch
- Oil heater
- Gearbox purge
- Auto control system
- Labyrinth seal with gas regulators
- Seal gas panel (labyrinth)
- Liquid level sensor

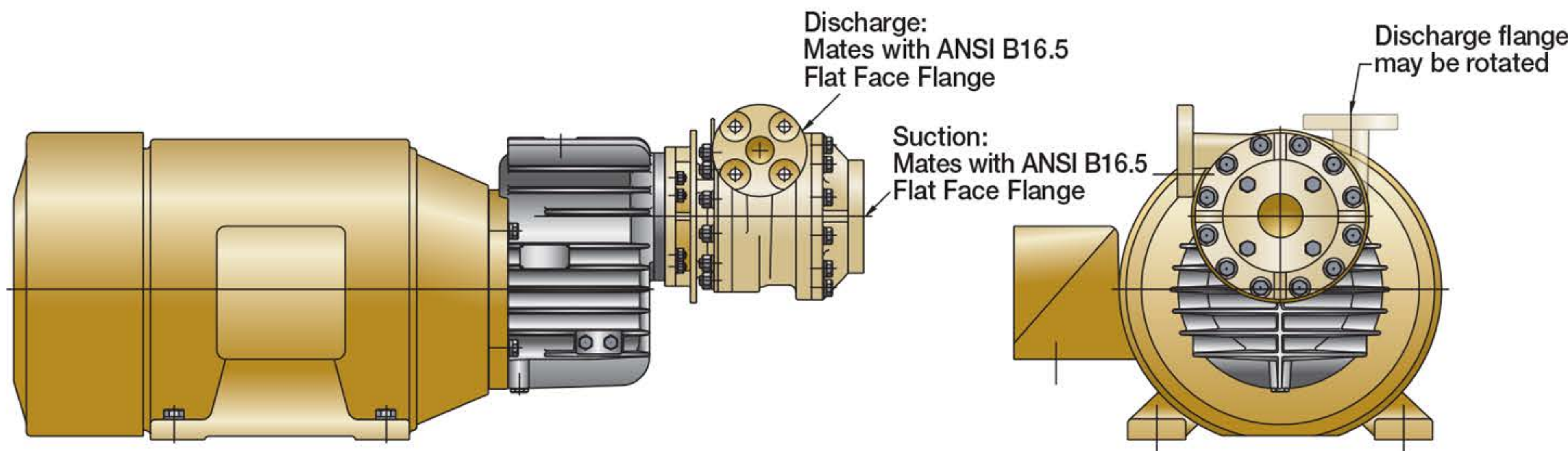
Para más información comuníquese al
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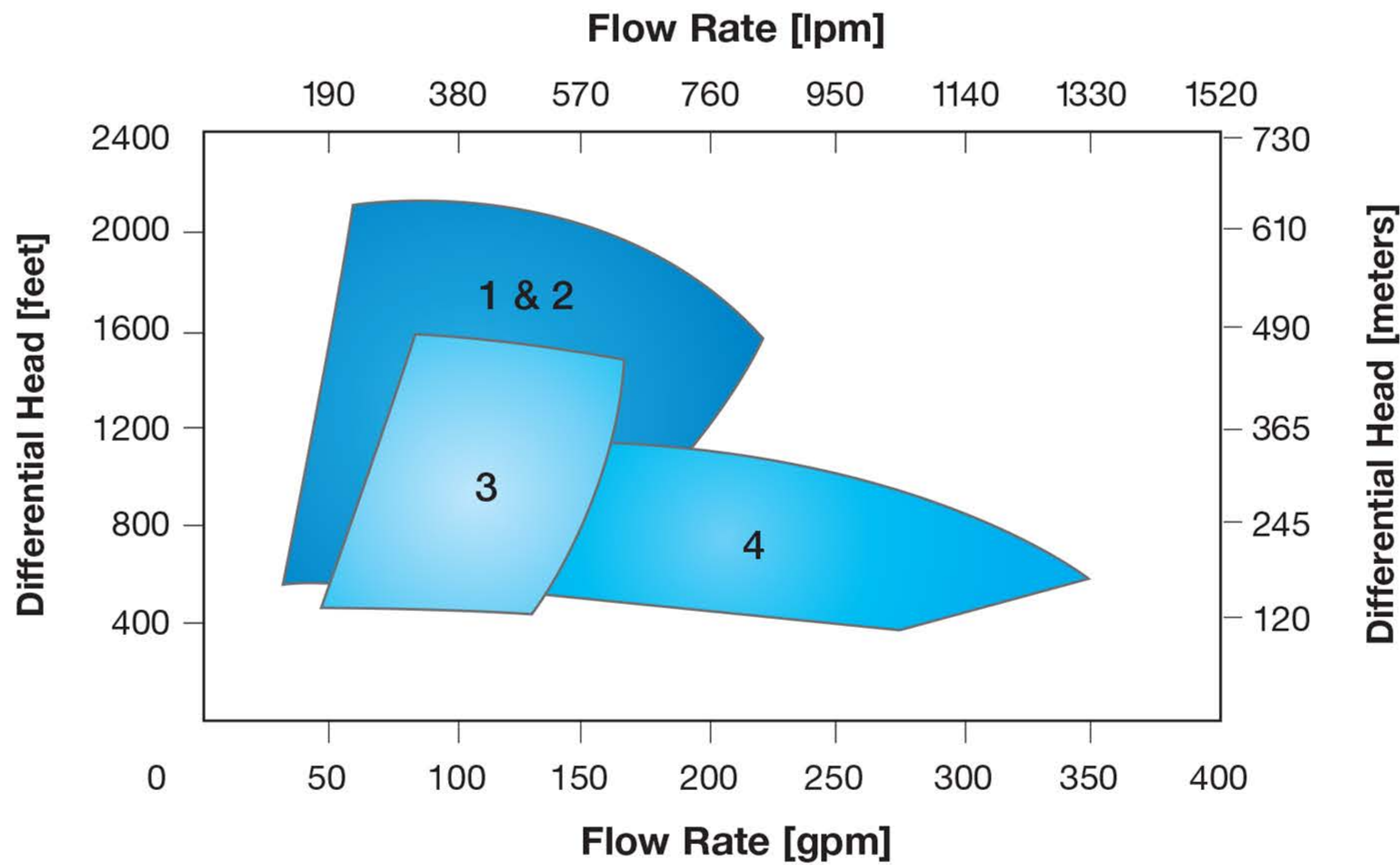
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TYPICAL INSTALLATION



Contact ACD for dimensional information.

PUMP PERFORMANCE CURVE



60 HZ performance

Speed Range:

- 1: 1.5x2.5x7-2S 3,900 to 7,500 rpm
- 2: 1.5x3x7-2S 3,900 to 7,500 rpm
- 3: 1.5x2.5x10 3,900 to 6,200 rpm
- 4: 2x4x13 3,600 to 4,400 rpm

TYPICAL SCOPE OF SUPPLY

- Pump, high performance gearbox with purge ports, TEFC motor
- Mechanical seal with provision for purge gas
- Closure plate
- Integrated lube oil system (oil shipped separately)

MANUFACTURING



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