

MYERS® CT SERIES HIGH PRESSURE CENTRIFUGAL PUMPS

1/2 – 2-1/2 HP
HEADS TO 140 FEET
CAPACITIES TO 95 GPM

MYERS CT series line of high pressure centrifugal pumps provides quality at a competitive price. The complete line of 1/2 to 2-1/2 hp units provide strong pressures up to 140 feet and flows up to 95 gpm.

The rugged cast iron body construction is available with either a corrosion resistant composite or SST impeller. The heavy duty motor features a double ball bearing, 50° C ambient, dual voltage design for dependable service. The compact, back pullout design provides easy installation and serviceability.

The quality features of the CT series will provide dependable service for a wide variety of applications.

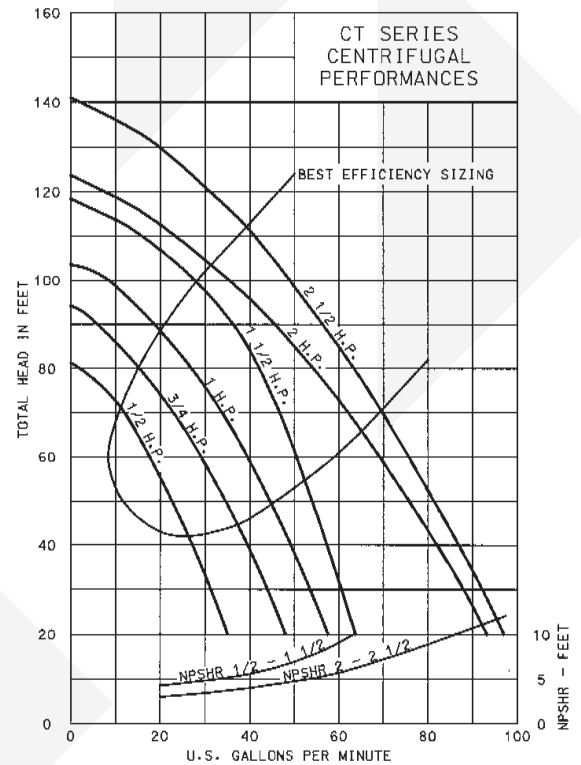
ADVANTAGES BY DESIGN

- Heavy duty cast iron construction
- Back pull-out design
- Dependable double ball bearing motor
- Continuous duty rating motor
- Choice of SST or composite impeller
- Maximum working pressure of 125 psi
- CSA listed

Applications

- Booster service
- Irrigation
- Circulating
- Cooling towers
- Air conditioning
- Liquid transfer
- Sprinkling systems
- General industrial service

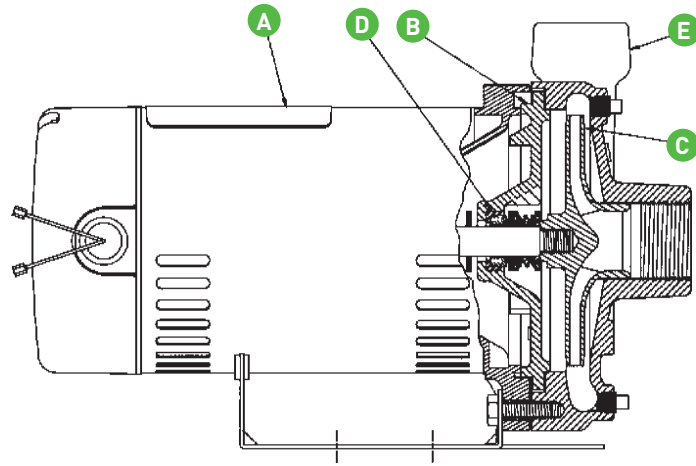
TECHNICAL INFORMATION



| HP | Catalog No. | | Pipe Tapping Sizes | | Motor Voltage | Phase | Approx. Wt. Lbs. |
|-------|--------------------|--------------|--------------------|-----------------|---------------|-------|------------------|
| | Composite Impeller | SST Impeller | Suction (NPT) | Discharge (NPT) | | | |
| 1/2 | CT05 | CT05S | 1-1/4" | 1" | 115/230 | 1 | 30 |
| | CT053 | CT05S3 | 1-1/4" | 1" | 208/230/460 | 3 | 30 |
| 3/4 | CT07 | CT07S | 1-1/4" | 1" | 115/230 | 1 | 32 |
| | CT073 | CT07S3 | 1-1/4" | 1" | 208/230/460 | 3 | 32 |
| 1 | CT10 | CT10S | 1-1/4" | 1" | 115/230 | 1 | 35 |
| | CT103 | CT10S3 | 1-1/4" | 1" | 208/230/460 | 3 | 35 |
| 1-1/2 | CT15 | CT15S | 1-1/4" | 1" | 115/230 | 1 | 40 |
| | CT153 | CT15S3 | 1-1/4" | 1" | 208/230/460 | 3 | 40 |
| 2 | CT20 | CT20S | 1-1/2" | 1-1/4" | 115/230 | 1 | 57 |
| | CT203 | CT20S3 | 1-1/2" | 1-1/4" | 208/230/460 | 3 | 57 |
| 2-1/2 | CT25 | CT25S | 2" | 1-1/2" | 115/230 | 1 | 62 |
| | CT253 | CT25S3 | 2" | 1-1/2" | 208/230/460 | 3 | 62 |

A. MOTOR

- NEMA standard
- Double ball bearing
- Open drip proof
- 60 Hz, 3450 rpm
- Stainless steel shaft
- Single-phase with built-in overload protection
- Three-phase requires overload protection in starter unit
- Non-overloading
- Continuous duty
- Strong capacitor start design



B. SEAL PLATE

- Heavy duty cast iron for dependable service and long life

C. IMPELLER

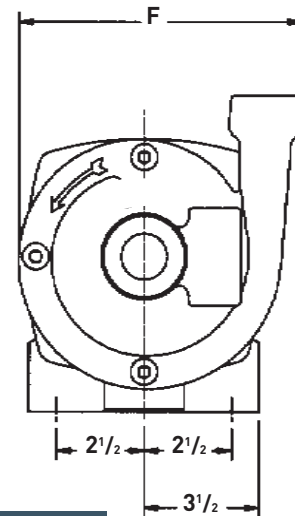
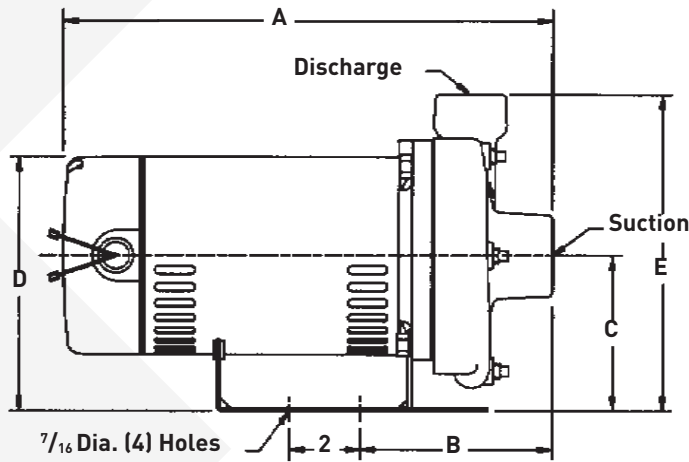
- Threaded SST insert on composite impellers
- Enclosed design for high efficiencies
- Balanced for smooth operation
- SST or composite construction

D. MECHANICAL SEAL

- Standard carbon/ceramic faces, 300 series SST components (standard for pumps with composite impellers)
- High temperature carbon/ceramic faces, 300 series SST components

E. CASING

- Heavy duty cast iron construction
- Back pull-out design
- Discharge can be rotated in four positions
- Tapped openings for priming, venting and draining
- Vertical discharge standard



Dimensions, inches

| HP | A | B | C | D | E | F | Suct. | Disch. |
|-------|--------|-------|-------|-------|-------|-------|-------|--------|
| 1/2 | 13-7/8 | 5-1/2 | 4-3/8 | 7-1/4 | 9 | 8 | 1-1/4 | 1 |
| 3/4 | 14-5/8 | 5-1/2 | 4-3/8 | 7-1/4 | 9 | 8 | 1-1/4 | 1 |
| 1 | 15-1/8 | 5-1/2 | 4-3/8 | 7-1/4 | 9 | 8 | 1-1/4 | 1 |
| 1-1/2 | 15-1/8 | 5-1/2 | 4-3/8 | 7-1/4 | 9 | 8 | 1-1/4 | 1 |
| 2 | 16-1/2 | 6-1/4 | 4-1/2 | 7-1/2 | 9-1/2 | 8-7/8 | 1-1/2 | 1-1/4 |
| 2-1/2 | 16-1/2 | 6-1/4 | 4-1/2 | 7-1/2 | 9-1/2 | 8-7/8 | 2 | 1-1/2 |



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