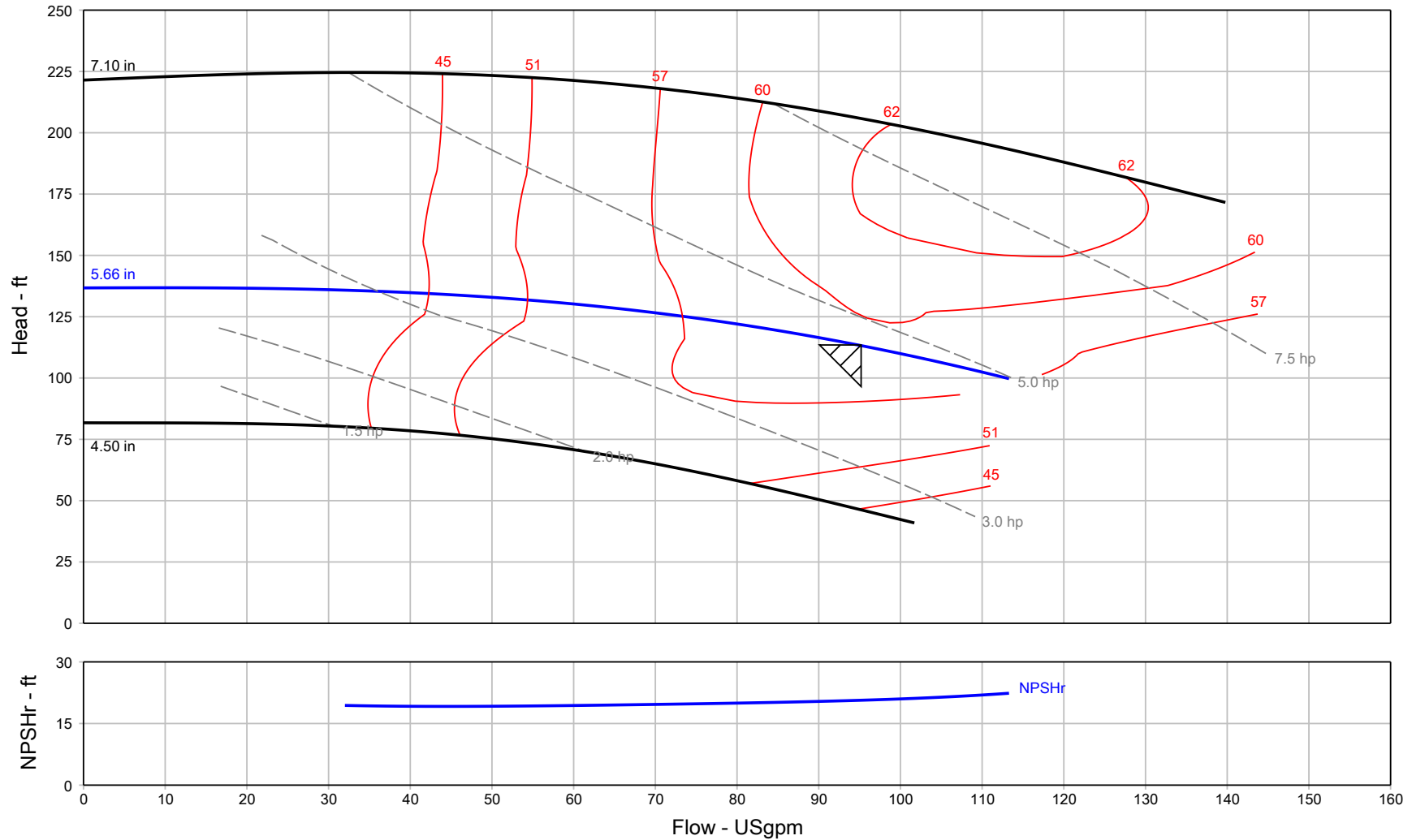
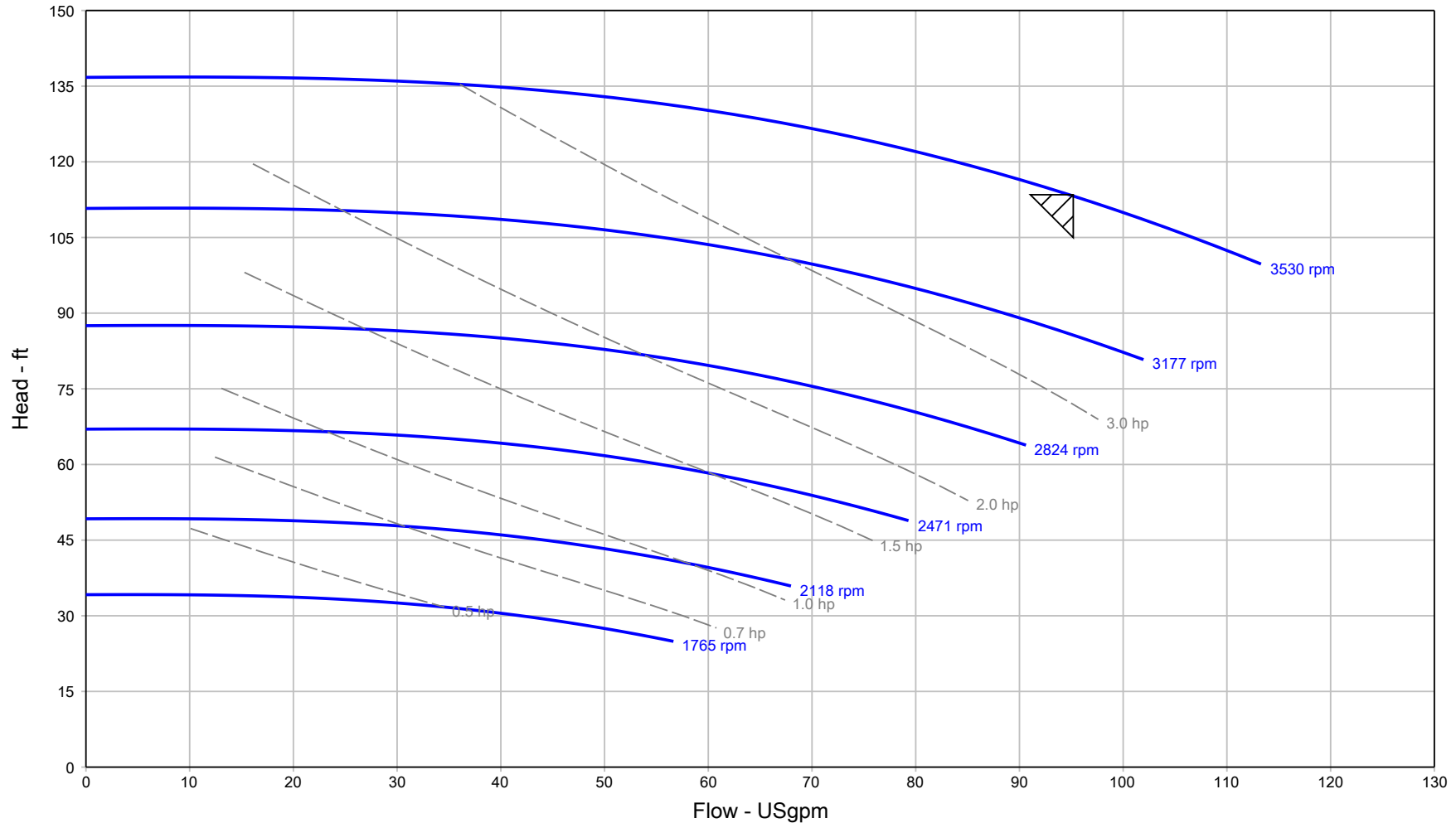


Pump Performance Curve



| | | | | | |
|-----------------------|----------------------|----------------------------|---------------------|-------------------------------------|---------------|
| Project name | : Default | Tag Number | : 004 | Flow, rated | : 95.19 USgpm |
| Consulting engineer | : | Service | : | Differential head / pressure, rated | : 113.5 ft |
| Customer | : | Model | : 10707 LC | Rated power (based on duty point) | : 4.57 hp |
| Customer ref. / PO | : | Quantity | : 1 | Max power (non-overloading) | : 4.97 hp |
| Quote Number / ID | : 596697 | Quoted By (Sales Office) | : PFC EQUIPMENT INC | Efficiency | : 59.56 % |
| Date last saved | : 01/23/2020 8:07 AM | Quoted By (Sales Engineer) | : 1 | Impeller diameter, rated | : 5.66 in |
| Based on curve number | : RC9715-1-SS Rev 0 | Stages | : 3530 rpm | PEI (CL) | : 0.88 |
| | | Speed, rated | | ER (CL) | : 12 |

Multi-Speed Performance Curve



| | | | | | |
|---------------------|----------------------|----------------------------|---------------------|-------------------------------------|-----------------------------|
| Project name | : Default | Tag Number | : 004 | Speed, rated | : 3530 rpm |
| Consulting engineer | : | Service | : | Flow, rated | : 95.19 USgpm |
| Customer | : | Model | : 10707 LC | Differential head / pressure, rated | : 113.5 ft |
| Customer ref. / PO | : | Quantity | : 1 | Fluid density, rated / max | : 1.000 / 1.000 SG |
| Quote Number / ID | : 596697 | Quoted By (Sales Office) | : PFC EQUIPMENT INC | Viscosity | : 1.00 cP |
| Date last saved | : 01/23/2020 8:07 AM | Quoted By (Sales Engineer) | : 1 | Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010] | : 1.00 / 1.00 / 1.00 / 1.00 |
| | | Stages | | Based on curve number | : RC9715-1-SS Rev 0 |

Construction Datasheet

| | | | |
|---------------------|----------------------|----------------------------|---------------------|
| Project name | : Default | Tag Number | : 004 |
| Consulting engineer | : | Service | : |
| Customer | : | Model | : 10707 LC |
| Customer ref. / PO | : | Quantity | : 1 |
| Quote Number / ID | : 596697 | Quoted By (Sales Office) | : PFC EQUIPMENT INC |
| Date last saved | : 01/23/2020 8:07 AM | Quoted By (Sales Engineer) | : |

| Construction | | | | Motor Information | |
|--------------|------------|----------------------|-------|-------------------|-----------|
| Nozzle | Size (in.) | Nozzle Configuration | Pos'n | Manufacturer | : Baldor |
| Suction | 1.25 | NPS | End | Frame Size | : 184JM |
| Discharge | 1 | NPS | Top | Power | : 5.00 hp |

| | | | |
|-----------------------------|-----------------|---------------------------|-------------------|
| Orientation / Configuration | : Horizontal | RPM | : 3600 rpm |
| Rotation | : Clockwise | Enclosure | : TEFC |
| Wear Ring Configuration | : Single - Case | Operating Power Supply | : 230/460/3/60 |
| Discharge Elbow Size | : - | Efficiency | : Premium |
| Subplate | : - | Service factor | : 1.15 |
| Sump Depth (feet) | : - | Motor Application | : General Purpose |
| Bearing Frame | : - | Motor Options/Accessories | : - |
| Bearing Frame Foot | : - | Cord Length (feet) | : - |

| Materials | |
|-------------------------------|-------------------------------------|
| Case | : Cast Iron, ASTM A48 - Class 30 |
| Motor Bracket | : Cast Iron, ASTM-A48, CL 30 |
| Impeller | : Stainless Steel, AISI-304 (H304) |
| Impeller Cap Screw and Washer | : Stainless Steel, AISI-303 |
| Impeller Key | : Stainless Steel, AISI 316 |
| Case wear ring | : Tin Bronze, ASTM B584-90500 (B18) |
| Impeller wear ring | : - |
| Pump Shaft | : Steel, AISI-1040 |
| Sleeve | : Bronze, III932, C89835 |
| Line Shaft | : - |
| Column | : - |
| Discharge Pipe | : - |
| Discharge Elbow | : - |
| Suction Elbow | : - |
| Subplate | : - |
| Hardware | : Steel, Grade 5 |
| O Rings | : Buna N |
| Pump Coatings | : Standard Manufacturer's Paint |

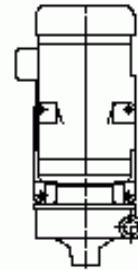
| Baseplate, Coupling and Guard | |
|-------------------------------|------------------|
| Baseplate | : Not Applicable |
| Drip Pan | : - |
| Coupling | : - |
| Guard | : Not Applicable |

| Seal & Packing Construction | |
|-----------------------------|--|
| Sealing Method | : Single Seal, Type 21S |
| Seal Material | : Buna Carbon Ceramic SS-Spring and Hardware |
| Packing Gland | : - |
| Lantern Ring | : - |
| Recirculation Lines | : None |

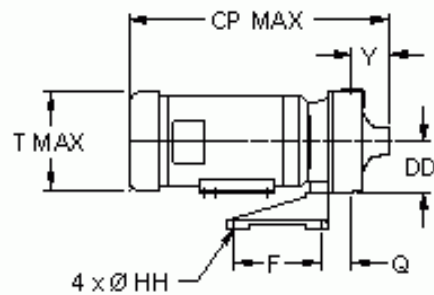
| Weights (Approx.) | |
|---------------------------------|------------|
| Pump | : 22.00 lb |
| Baseplate | : - |
| Driver | : 82.00 lb |
| Estimated Shipping gross weight | : 104.0 lb |

General Arrangement

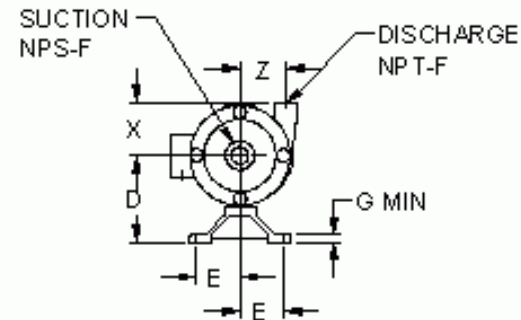
| | | | |
|---------------------|----------------------|----------------------------|---------------------|
| Project name | : Default | Tag Number | : 004 |
| Consulting engineer | : | Service | : |
| Customer | : | Model | : 10707 LC |
| Customer ref. / PO | : | Quantity of pumps | : 1 |
| Quote Number / ID | : 596697 | Quoted By (Sales Office) | : PFC EQUIPMENT INC |
| Date last saved | : 01/23/2020 8:07 AM | Quoted By (Sales Engineer) | : |



PLAN



SIDE VIEW



END VIEW

NOT FOR CONSTRUCTION, Unless certified and referenced on order

| | | | | | | | | | | | | | | | | |
|--------|-------|----------|-----------|-------|------|------|------|------|------|------|------|------|------|------|------|-----------|
| Units | Frame | Suct(in) | Disch(in) | CP | D | DD | E | F | G | HH | Q | T | X | Y | Z | Weight ea |
| inches | 184JM | 1.25 | 1 | 25.00 | 7.50 | 4.38 | 3.75 | 7.50 | 0.63 | 0.44 | 2.69 | 8.00 | 4.50 | 3.25 | 4.00 | 104.0 |

| Conditions of Service | | | Motor Data | | | |
|-----------------------|--------------------|---------------|------------|------------------|---------------------|--|
| Flow: 95.19 USgpm | Fluid: Cold Water | HP: 5 | Encl: TEFC | Phase: 3 | Efficiency: Premium | |
| TDH: 113.5 ft | Temp.: 68.00 deg F | RPM: 3530 rpm | Hz: 60 | Voltage: 230/460 | S.F.: 1.15 | |