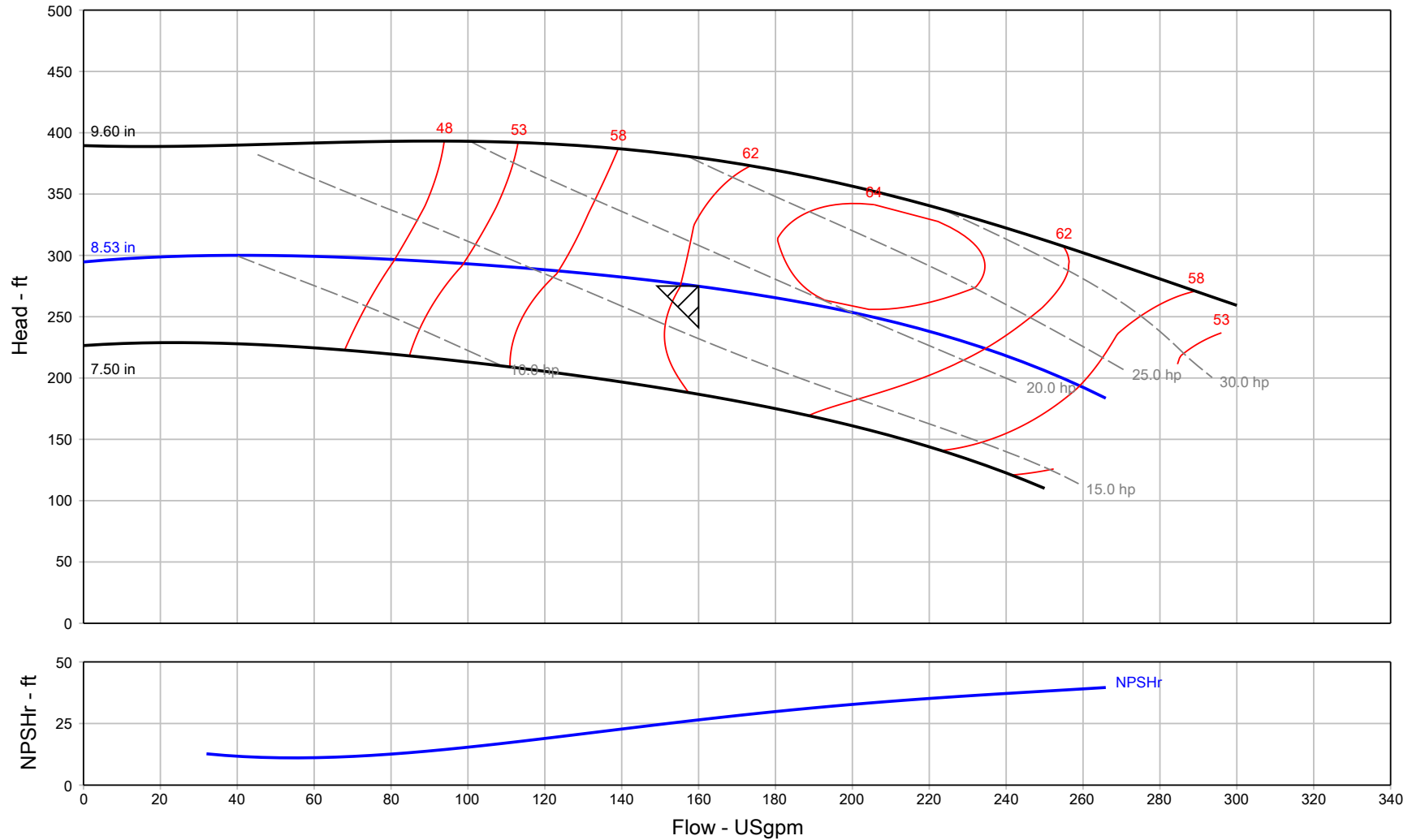
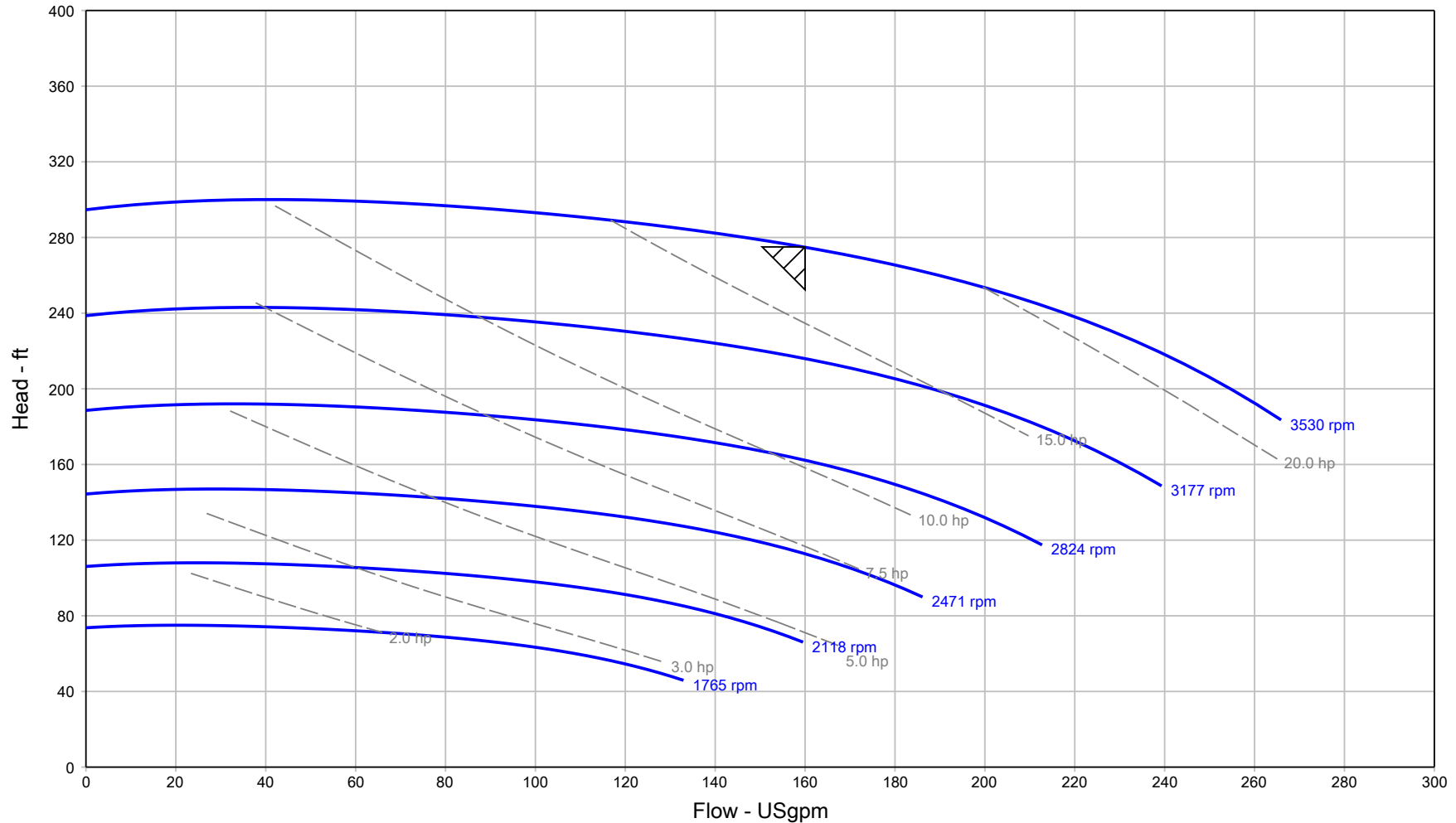


Pump Performance Curve



| | | | | | |
|-----------------------|----------------------|----------------------------|---------------------|-------------------------------------|---------------|
| Project name | : 1119431 | Tag Number | : 001 | Flow, rated | : 160.0 USgpm |
| Consulting engineer | : | Service | : | Differential head / pressure, rated | : 275.0 ft |
| Customer | : | Model | : 15955 LC | Rated power (based on duty point) | : 17.79 hp |
| Customer ref. / PO | : | Quantity | : 1 | Max power (non-overloading) | : 21.86 hp |
| Project Number / ID | : 1119431 | Quoted By (Sales Office) | : PFC EQUIPMENT INC | Efficiency | : 62.39 % |
| Date last saved | : 02/19/2020 1:48 PM | Quoted By (Sales Engineer) | : Corey Nath | Impeller diameter, rated | : 8.53 in |
| Based on curve number | : RC1950-SS Rev 1 | Stages | : 1 | PEI (CL) | : 0.86 |
| | | Speed, rated | : 3530 rpm | ER (CL) | : 14 |

Multi-Speed Performance Curve



| | | | | | |
|---------------------|----------------------|----------------------------|---------------------|-------------------------------------|-----------------------------|
| Project name | : 1119431 | Tag Number | : 001 | Speed, rated | : 3530 rpm |
| Consulting engineer | : | Service | : | Flow, rated | : 160.0 USgpm |
| Customer | : | Model | : 15955 LC | Differential head / pressure, rated | : 275.0 ft |
| Customer ref. / PO | : | Quantity | : 1 | Fluid density, rated / max | : 1.000 / 1.000 SG |
| Project Number / ID | : 1119431 | Quoted By (Sales Office) | : PFC EQUIPMENT INC | Viscosity | : 1.00 cP |
| Date last saved | : 02/19/2020 1:48 PM | Quoted By (Sales Engineer) | : Corey Nath | Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010] | : 1.00 / 1.00 / 1.00 / 1.00 |
| | | Stages | : 1 | Based on curve number | : RC1950-SS Rev 1 |

Construction Datasheet

| | | | |
|---------------------|----------------------|----------------------------|---------------------|
| Project name | : 1119431 | Tag Number | : 001 |
| Consulting engineer | : | Service | : |
| Customer | : PFC EQUIPMENT INC | Model | : 15955 LC |
| Customer ref. / PO | : | Quantity | : 1 |
| Quote Number / ID | : 1119431 | Quoted By (Sales Office) | : PFC EQUIPMENT INC |
| Date last saved | : 02/19/2020 1:48 PM | Quoted By (Sales Engineer) | : Corey Nath |

| Construction | | | | Motor Information | |
|--------------|--|--|--|-------------------|--|
|--------------|--|--|--|-------------------|--|

| | | | | | |
|-----------|------------|----------------------|-------|--------------|------------|
| Nozzle | Size (in.) | Nozzle Configuration | Pos'n | Manufacturer | : Baldor |
| Suction | 2 | NPS | End | Frame Size | : 284JM |
| Discharge | 1.5 | NPS | Top | Power | : 25.00 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) | : - |
| Bearing Type (Radial/Thrust) | : In motor | | |
| Bearing Lubrication | : - | | |
| Thrust Bearing | : - | | |
| Intermediate Bearing | : - | | |
| Lower Bearing | : - | | |
| Bearing Housing Accessories | : - | | |
| PACO Construction code | : 10-15955-140008-2871P | | |

| 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 | |
|-----------------------------|--|
|-----------------------------|--|

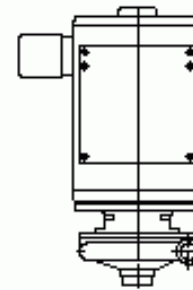
| | |
|---------------------|--|
| Sealing Method | : Single Seal, Type 21S |
| Seal Material | : Buna Carbon Ceramic SS-Spring and Hardware |
| Packing Gland | : - |
| Lantern Ring | : - |
| Recirculation Lines | : None |

| Weights (Approx.) | |
|-------------------|--|
|-------------------|--|

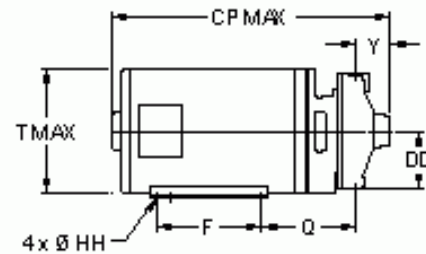
| | |
|---------------------------------|------------|
| Pump | : 70.00 lb |
| Baseplate | : - |
| Driver | : 396.0 lb |
| Estimated Shipping gross weight | : 466.0 lb |

General Arrangement

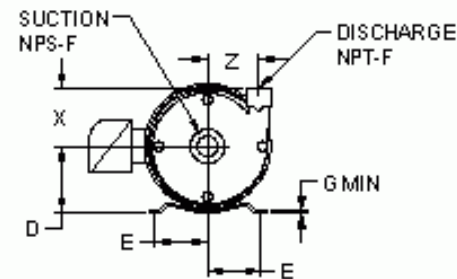
| | | | |
|---------------------|----------------------|----------------------------|---------------------|
| Project name | : 1119431 | Tag Number | : 001 |
| Consulting engineer | : | Service | : |
| Customer | : PFC EQUIPMENT INC | Model | : 15955 LC |
| Customer ref. / PO | : | Quantity of pumps | : 1 |
| Quote Number / ID | : 1119431 | Quoted By (Sales Office) | : PFC EQUIPMENT INC |
| Date last saved | : 02/19/2020 1:48 PM | Quoted By (Sales Engineer) | : Corey Nath |



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 | 284JM | 2 | 1.5 | 32.00 | 7.00 | 6.00 | 5.50 | 9.50 | 0.25 | 0.53 | 9.88 | 13.25 | 6.00 | 3.62 | 5.38 | 466.0 |

| Conditions of Service | | | Motor Data | | | |
|-----------------------|--------------------|---------------|------------|------------------|---------------------|--|
| Flow: 160.0 USgpm | Fluid: Cold Water | HP: 25 | Encl: TEFC | Phase: 3 | Efficiency: Premium | |
| TDH: 275.0 ft | Temp.: 68.00 deg F | RPM: 3530 rpm | Hz: 60 | Voltage: 230/460 | S.F.: 1.15 | |