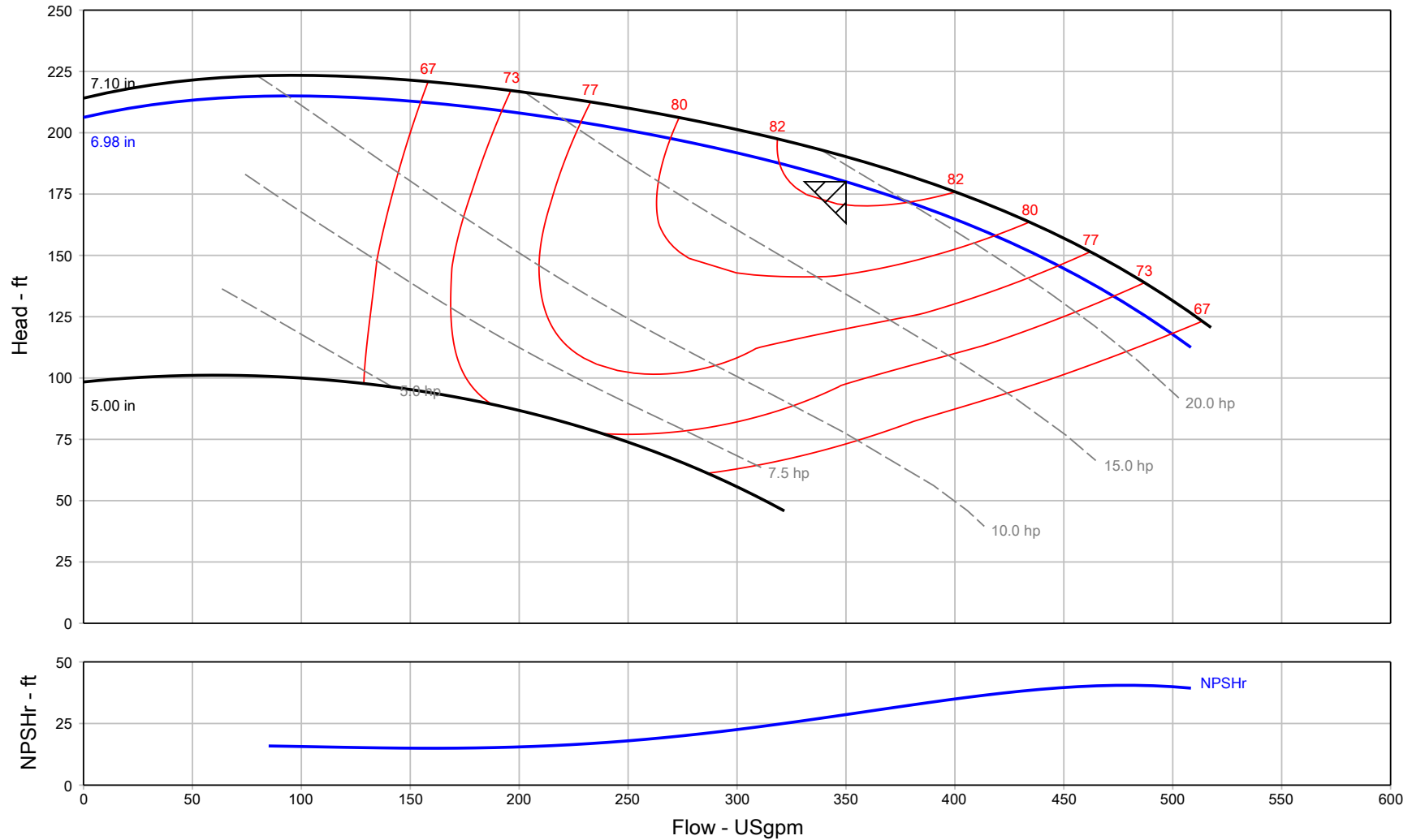
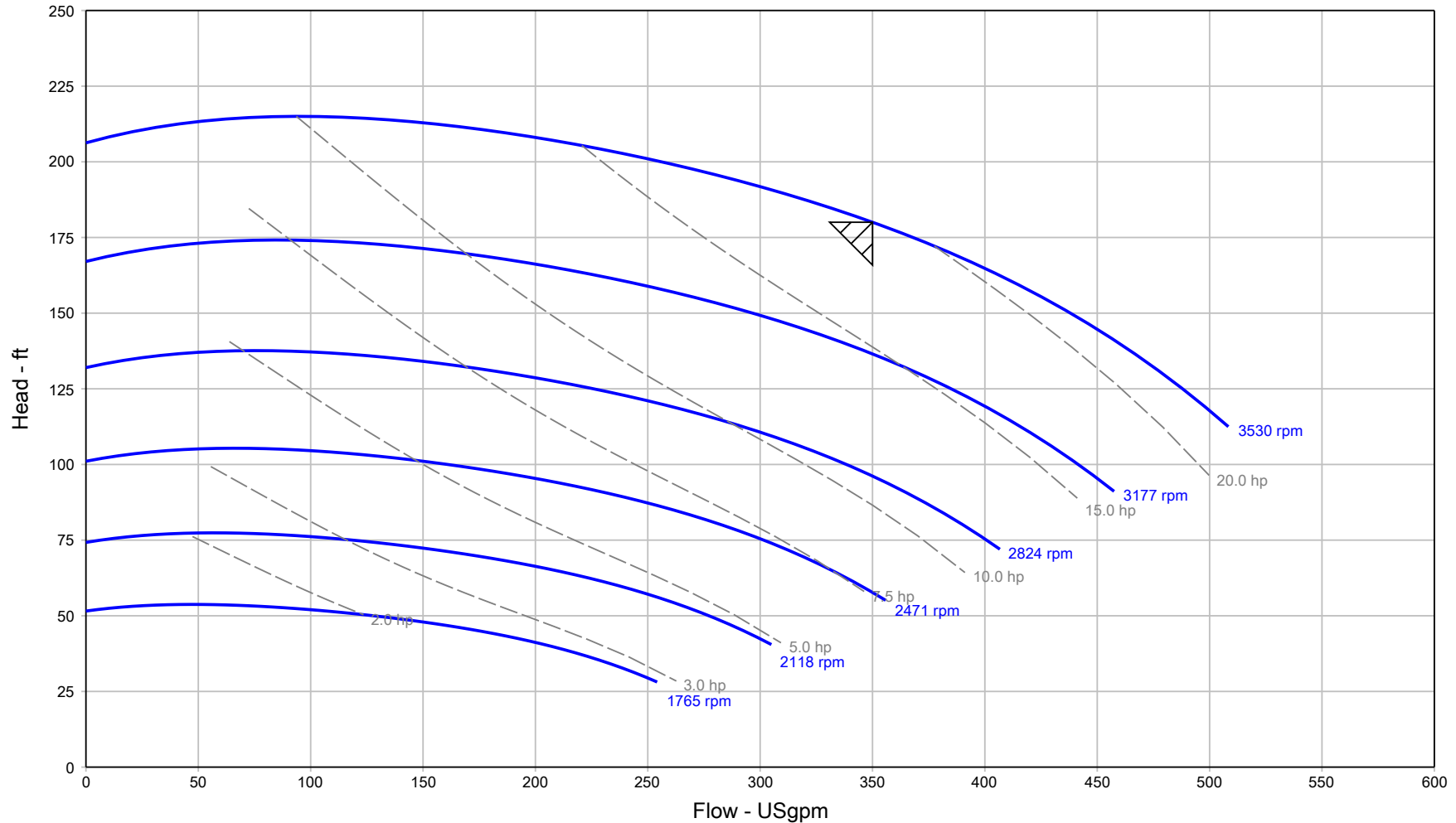


Pump Performance Curve



| | | | | | |
|-----------------------|----------------------|----------------------------|---------------------|-------------------------------------|---------------|
| Project name | : Default | Tag Number | : 004 | Flow, rated | : 350.0 USgpm |
| Consulting engineer | : | Service | : | Differential head / pressure, rated | : 180.0 ft |
| Customer | : | Model | : 20709 LC | Rated power (based on duty point) | : 19.31 hp |
| Customer ref. / PO | : | Quantity | : 1 | Max power (non-overloading) | : 22.36 hp |
| Quote Number / ID | : 596697 | Quoted By (Sales Office) | : PFC EQUIPMENT INC | Efficiency | : 82.37 % |
| Date last saved | : 02/20/2020 7:31 AM | Quoted By (Sales Engineer) | : Kelly Kresa | Impeller diameter, rated | : 6.98 in |
| Based on curve number | : RC9912-1-SS Rev 0 | Stages | : 1 | PEI (CL) | : 0.88 |
| | | Speed, rated | : 3530 rpm | ER (CL) | : 12 |

Multi-Speed Performance Curve



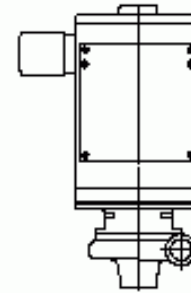
| | | | | | |
|---------------------|----------------------|----------------------------|---------------------|-------------------------------------|-----------------------------|
| Project name | : Default | Tag Number | : 004 | Speed, rated | : 3530 rpm |
| Consulting engineer | : | Service | : | Flow, rated | : 350.0 USgpm |
| Customer | : | Model | : 20709 LC | Differential head / pressure, rated | : 180.0 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 | : 02/20/2020 7:31 AM | Quoted By (Sales Engineer) | : Kelly Kresa | Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010] | : 1.00 / 1.00 / 1.00 / 1.00 |
| | | Stages | : 1 | Based on curve number | : RC9912-1-SS Rev 0 |

Construction Datasheet

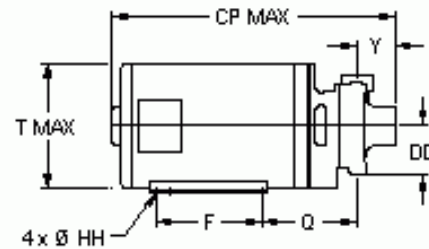
| Project name : Default | | Tag Number : 004 | |
|--|------------|---|-------|
| Consulting engineer : | | Service : | |
| Customer : | | Model : 20709 LC | |
| Customer ref. / PO : | | Quantity : 1 | |
| Quote Number / ID : 596697 | | Quoted By (Sales Office) : PFC EQUIPMENT INC | |
| Date last saved : 02/20/2020 7:31 AM | | Quoted By (Sales Engineer) : Kelly Kresa | |
| Construction | | Motor Information | |
| Nozzle | Size (in.) | Nozzle Configuration | Pos'n |
| Suction | 2.5 | NPS | End |
| Discharge | 2 | NPS | Top |
| Orientation / Configuration : Horizontal | | Manufacturer : Baldor | |
| Rotation : Clockwise | | Frame Size : 284JM | |
| Wear Ring Configuration : Single - Case | | Power : 25.00 hp | |
| Discharge Elbow Size : - | | RPM : 3600 rpm | |
| Subplate : - | | Enclosure : TEFC | |
| Sump Depth (feet) : - | | Operating Power Supply : 230/460/3/60 | |
| Bearing Frame : - | | Efficiency : Premium | |
| Bearing Frame Foot : - | | Service factor : 1.15 | |
| Bearing Type (Radial/Thrust) : In motor | | Motor Application : General Purpose | |
| Bearing Lubrication : - | | Motor Options/Accessories : - | |
| Thrust Bearing : - | | Cord Length (feet) : - | |
| Intermediate Bearing : - | | Materials | |
| Lower Bearing : - | | Case : Cast Iron, ASTM A48 - Class 30 | |
| Bearing Housing Accessories : - | | Motor Bracket : Cast Iron, ASTM-A48, CL 30 | |
| PACO Construction code : 10-20709-140008-2871P | | Impeller : Stainless Steel, AISI-304 (H304) | |
| Baseplate, Coupling and Guard | | Impeller Cap Screw and Washer : Stainless Steel, AISI-303 | |
| Baseplate : Not Applicable | | Impeller Key : Stainless Steel, AISI 316 | |
| Drip Pan : - | | Case wear ring : Tin Bronze, ASTM B584-90500 (B18) | |
| Coupling : - | | Impeller wear ring : - | |
| Guard : Not Applicable | | Pump Shaft : Steel, AISI-1040 | |
| Seal & Packing Construction | | Sleeve : Bronze, III932, C89835 | |
| Sealing Method : Single Seal, Type 21S | | Line Shaft : - | |
| Seal Material : Buna Carbon Ceramic SS-Spring and Hardware | | Column : - | |
| Packing Gland : - | | Discharge Pipe : - | |
| Lantern Ring : - | | Discharge Elbow : - | |
| Recirculation Lines : None | | Suction Elbow : - | |
| Weights (Approx.) | | Subplate : - | |
| Pump : 45.00 lb | | Hardware : Steel, Grade 5 | |
| Baseplate : - | | O Rings : Buna N | |
| Driver : 396.0 lb | | Pump Coatings : Standard Manufacturer's Paint | |
| Estimated Shipping gross weight : 441.0 lb | | | |

General Arrangement

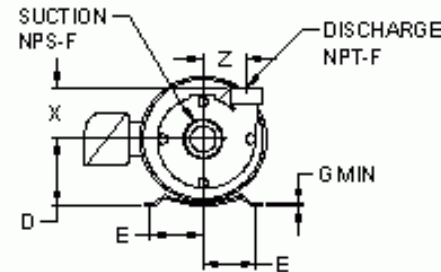
| | | | |
|---------------------|----------------------|----------------------------|---------------------|
| Project name | : Default | Tag Number | : 004 |
| Consulting engineer | : | Service | : |
| Customer | : | Model | : 20709 LC |
| Customer ref. / PO | : | Quantity of pumps | : 1 |
| Quote Number / ID | : 596697 | Quoted By (Sales Office) | : PFC EQUIPMENT INC |
| Date last saved | : 02/20/2020 7:31 AM | Quoted By (Sales Engineer) | : Kelly Kresa |



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 | 2.5 | 2 | 33.00 | 7.00 | 5.13 | 5.50 | 9.50 | 0.25 | 0.53 | 9.88 | 13.25 | 5.38 | 3.94 | 4.50 | 441.0 |

| Conditions of Service | | | Motor Data | | | |
|-----------------------|--------------------|---------------|------------|------------------|---------------------|--|
| Flow: 350.0 USgpm | Fluid: Cold Water | HP: 25 | Encl: TEFC | Phase: 3 | Efficiency: Premium | |
| TDH: 180.0 ft | Temp.: 68.00 deg F | RPM: 3530 rpm | Hz: 60 | Voltage: 230/460 | S.F.: 1.15 | |