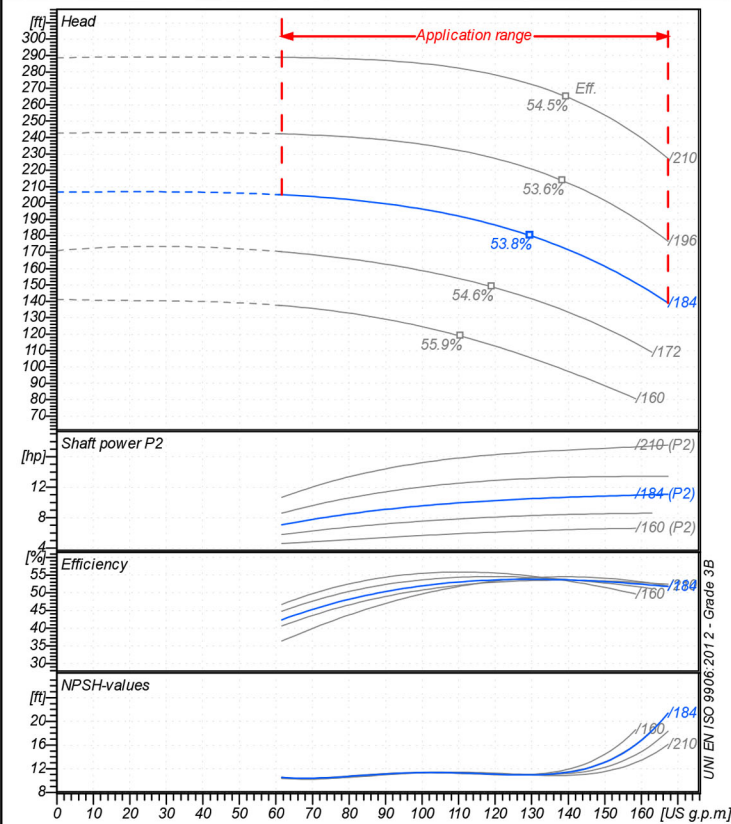


Company name
Respons. Department
Person in charge
Phone number
Fax no
E-mail address

Receiver

From



Operating data specification

Nominal flow US g.p.m 0
Nominal head ft 0
Static head ft 0
NPSH - value of plant ft 0
Inlet pressure psi 1.42
Fluid Water, pure
Operating temperature t A °F 68
Density at t A lb/ft³ 62.32
Kin. viscosity at t A ft²/s 1.082E-5

Pump

| | | | |
|-----------------------|-----------|--------------|------|
| Pump name | 6BP12/184 | | |
| Size | | | |
| Design | | | |
| Speed rpm | 3550 | No of stages | 1 |
| Impeller type | | | |
| Flow | Nominal | US g.p.m | |
| | Max- | US g.p.m | 167 |
| | Min- | US g.p.m | 61.6 |
| Head | Nominal | ft | |
| | Max- | ft | 205 |
| | Min- | ft | 139 |
| Head H(Q=0) | ft | 207 | |
| NPSH 3% | ft | | |
| Max. working pressure | psi | 89.4 | |
| Shaft power | hp | | |
| Efficiency | % | | |
| Max absorbed power | hp | 11.086 | |

Materials Pump

| | | | |
|----------------------|-------------------------------------|------------------|--------|
| Shaft | Stainless steel AISI 431 (1.4057) | | |
| Impeller | Cast iron EN-GJL-250 | | |
| Pump body | Cast iron EN-GJL-250 | | |
| Seal disc | Cast iron EN-GJL-250 | | |
| Gasket | Natural fiber | | |
| Mechanical seal | BVEG (Grafito/Ossido Allumina/EPDM) | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Motor | Frame size | 112 | |
| Manufacturer / Type | SAER 112-2P-10 | | |
| Rated power hp | 10.058 | Efficiency 4/4 | 87.5 % |
| Electric current A | 12.3 | Speed rpm | 2925 |
| Electric voltage V | 460 V | 3~ | Hz 60 |
| Starting mode | Unknown | | |
| Degree of protection | IP 55 | Insulation class | F |

Dimensions in inch

Remarks:

| | | | | |
|---------|------------|------------|--------------------------|-------------|
| Project | Project ID | Created by | Created on 2020/07/07 | Last update |
|---------|------------|------------|--------------------------|-------------|



Receiver

From

Company name
Respons. Department
Person in charge
Phone number
Fax no
E-mail address

Operating area

Flow

Head

Impeller type

Operating data specification

0 US g.p.m

0 ft

Impeller construction

Sense of rotation

Clockwise from the drive end

Pump data

US g.p.m

ft

Outlet width

G2"

| Flow | | | Head | | | Shaft power P2 | | |
|----------|----------|-------------|--------|-------------|---------|----------------|-------------|--|
| Min. | Max. | η Max. | H(Q=0) | η Max. | P2(Q=0) | Max. | η Max. | |
| US g.p.m | US g.p.m | US g.p.m | ft | ft | hp | hp | hp | |
| 61.6 | 167 | 130 | 207 | 180 | | 11.1 | 10.5 | |

Speed

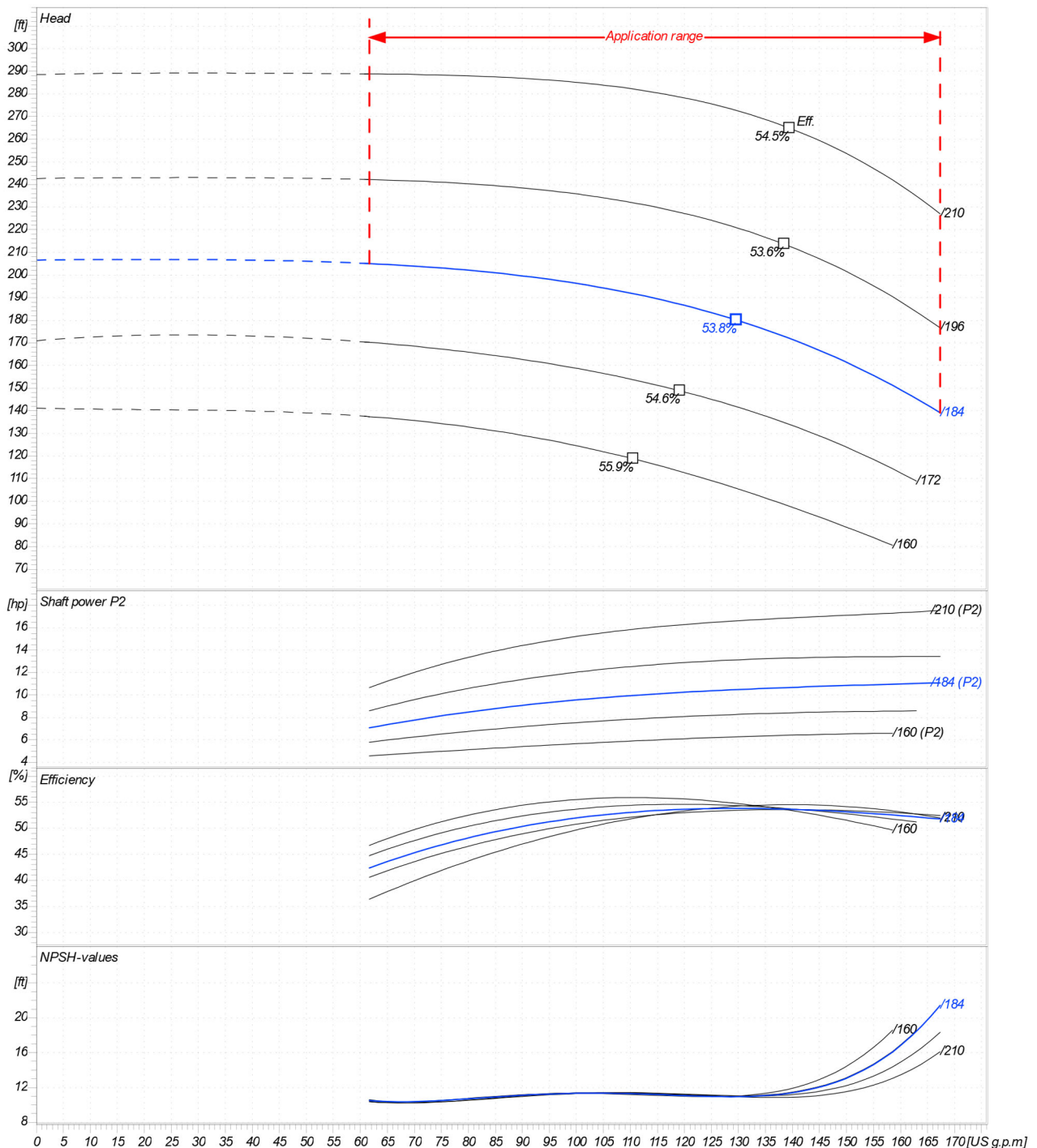
rpm 3550

Frequency

Hz 60 Hz

Performance data based to: Water, pure [100%]; 68°F; 62.3lb/ft³; 1.08E-5ft²/s

UNI EN ISO 9906:2012 - Grade 3B



Project

Project ID

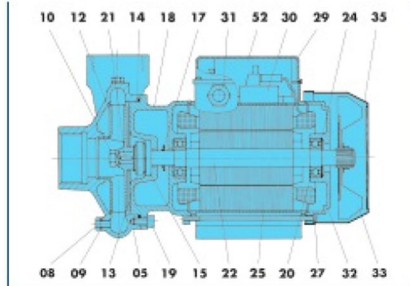
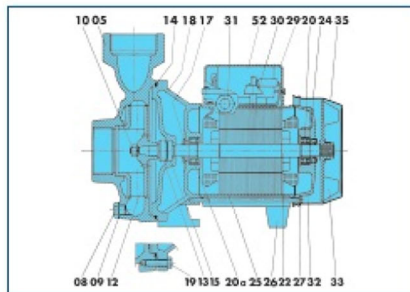
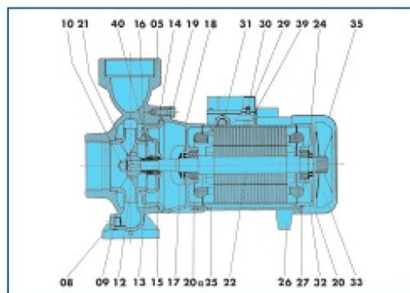
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2020/07/07

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Company name
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 Fax no
 E-mail address


6BP 3-4-5

6BP 6

6BP 7-8-9-10-11-12-13-14-15-16-17

| REF. REF. IUMI | COMPONENT | COMPONENTE | COMPONENTE |
|----------------|--------------------------|--------------------------------|-------------------------------|
| 05 | Pump body | Corpo pompa | Cuerpo de bomba |
| 08 | Plug | Tappo | Tapon |
| 09 | Gasket | Guarnizione | Empaquetadura |
| 10 | Nut | Dado | Tuerca |
| 12 | Impeller | Girante | Impulsor |
| 13 | Rotating mechanical seal | Parte rotante tenuta meccanica | Cierre mecanico parte girante |
| 14 | O-Ring | Anello OR | Anillo OR |
| 15 | Fixed mechanical seal | Parte fissa tenuta meccanica | Cierre mecanico parte fija |
| 16 | Seal holding disc | Disco porta tenuta | Anillo intermedio |
| 17 | Drop guard | Paragocce | Paragotas |
| 18 | Support | Supporto | Soporte |
| 19 | Screw | Vite | Tomillo |
| 20 | Bearing | Cuscinetto | Cojinete |
| 20a | Bearing | Cuscinetto | Cojinete |
| 21 | Key | Linguetta | Chaveta |
| 22 | Rotating shaft | Albero rotante | Eje rotatorio |
| 24 | O-ring | Anello elastico | Anillo elastico |
| 25 | Casing with wound stator | Carcassa statore avvolto | Carcasa estator envuelto |
| 26 | Foot | Piede | Pie |
| 27 | Tie-rod | Tirante | Tirante |
| 29 | Terminal board cover | Coperchio morsettiera | Tapa de bornes |
| 30 | Terminal board | Morsettiera | Bornes |
| 31 | Fairlead | Pressacavo | Guia |
| 32 | Driving cap | Calotta motore | Tapa motor |
| 33 | Fan | Ventola | Ventilador |
| 35 | Fan cover | Copri ventola | Tapa ventilador |
| 39 | Terminal board gasket | Guarnizione morsettiera | Empaquetadura bornes |
| 40 | Bushing | Bussola | Casquillo |
| 52 | Capacitor | Condensatore | Condensador |

Project

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2020/07/07

Last update


GOL PUMPS TECHNOLOGY INC

3750 NW 114 AVE #6 MIAMI , FL 33178

Ph: +1 (786) 615 8984

Fax: +1 (786) 615 7043

Info@golpumps.com

www.golpumps.com