



## Data sheet

### Hydraulic data

|                                     |           |
|-------------------------------------|-----------|
| Maximum operating pressure          | 145 psi   |
| Min. fluid temperature $T_{\min}$   | 14 °F     |
| Max. fluid temperature $T_{\max}$   | 248 °F    |
| Min. ambient temperature $T_{\min}$ | 32 °F     |
| Max. ambient temperature $T_{\max}$ | 104 °F    |
| Min. inlet pressure 140°F (60°C)    | 1.80 psi  |
| Min. inlet pressure 194°F (90°C)    | 7.30 psi  |
| Min. inlet pressure 248°F (120°C)   | 29.90 psi |

### Materials

|                       |                        |
|-----------------------|------------------------|
| Bearing               | Carbon-graphite        |
| Pump housing material | ASTM A48, Class No. 35 |
| Impeller              | PP-GF50                |
| Shaft                 | AISI 420               |

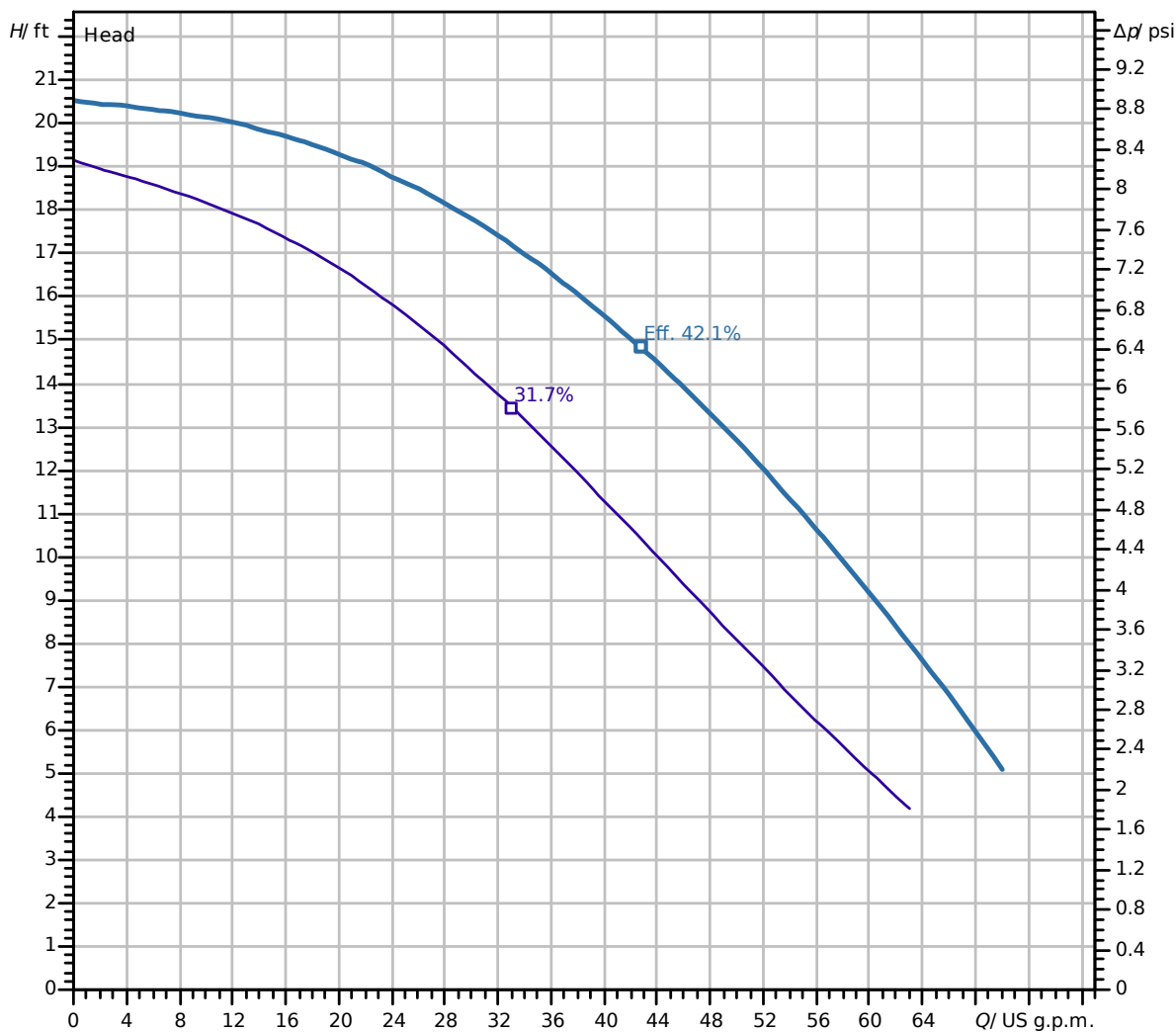
### Motor data

|                        |                |
|------------------------|----------------|
| Mains connection       | 1~230 V, 60 Hz |
| Rated current $I_N$    | 1.6 A          |
| FLA min. $I_{\min}$    | 1.50 A         |
| FLA max. $I_{\max}$    | 1.60 A         |
| Min. speed $n_{\min}$  | 3050 RPM       |
| Max. speed $n_{\max}$  | 3250 RPM       |
| Rated power $P_2$      | 0.25 hp        |
| Protection class motor | Enclosure 1    |

### Installation dimensions

|                                     |              |
|-------------------------------------|--------------|
| Pipe connection on the suction side | 1.50"        |
| Port-to-port length in inch $L_0$   | 10.00 in (") |

Pump curves



|                     |             |
|---------------------|-------------|
| Fluid media         | Water 100 % |
| Fluid temperature   | 68.00 °F    |
| speed at duty point | 3,250 rpm   |