

PB 2017-003 System Resistance Curve: Incorrect pump static head for SRC graphing function

Bulletin #: 2017-003

Date: 08-18-2017

Category: 2

Program affected: PIPE-FLO® Professional/Flow of Fluids/PIPE-FLO® Professional Lite

Build numbers affected: 12.0.19520-16.0.40080

Approved by: AAA

Background

When setting a Centrifugal Pump with different suction and discharge elevations, the elevation difference is double counted when determining the pump static head **for the graphing function only**. Therefore the static head displayed on the Pump Graph is incorrect, causing the System Resistance Curve to not be drawn through the operating point. **The System Resistance Curve is a graphical display and SRC values are not being used in any PIPE-FLO® Professional calculations, so no results are affected and PIPE-FLO® Professional accurately represents the system as it is modeled.**

Workaround

There is no current workaround available.

Resolution

This was resolved in the PIPE-FLO® Professional 16.1.