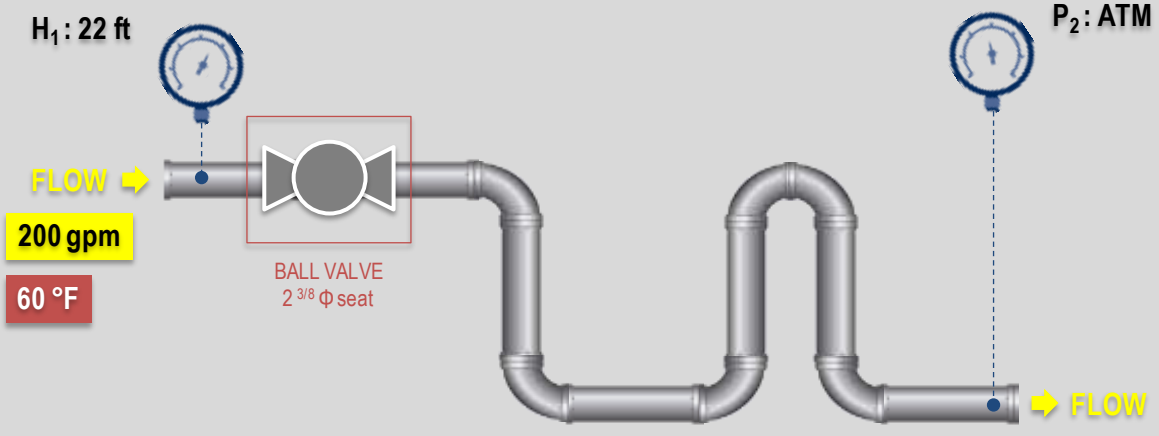
FLOW OF FLUIDS

Excel Workbook



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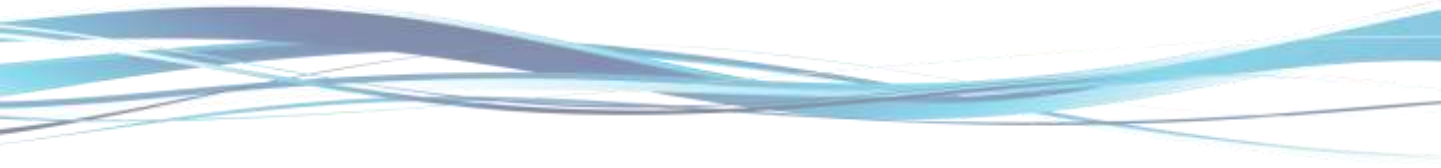

PREFACE

The most diverse substances are transported and distributed in piping systems every single day. They include aggressive fluids in the chemical industry, hydrocarbons in petrochemistry or steam for energy transmission.

Chemical engineers who are designing these piping systems and specifying associated equipment like valves, pumps and flow meters probably face more fluid flow problems than any other.

Pressure drop calculations help the engineer size pipes and ducts, determine performance requirements for pumps and fans, and specify control valves and flow meters. And although the underlying theory is rather simple, its practical application can be confusing due to the empirical nature of important correlations, multiple methods for expressing parameters, many variable inputs, and alternative units of measurement.

To help you assess flow of fluids, calculate pressure drops, size pipes, control valves and flow meter devices, we have developed an Excel VBA based engineering tool : ***Flow of Fluids Excel Workbook***.

Flow of Fluids Excel Workbook simulates the operation of small piping systems transporting liquids and industrial gases under a variety of operating conditions.

Flow of Fluids Excel Workbook is based on industry recognized principles and standards from ASME, HI, IEC, AWWA, ISA, and ANSI...

Flow of Fluids Excel Workbook is easy-to-use and has a highly intuitive user interface.

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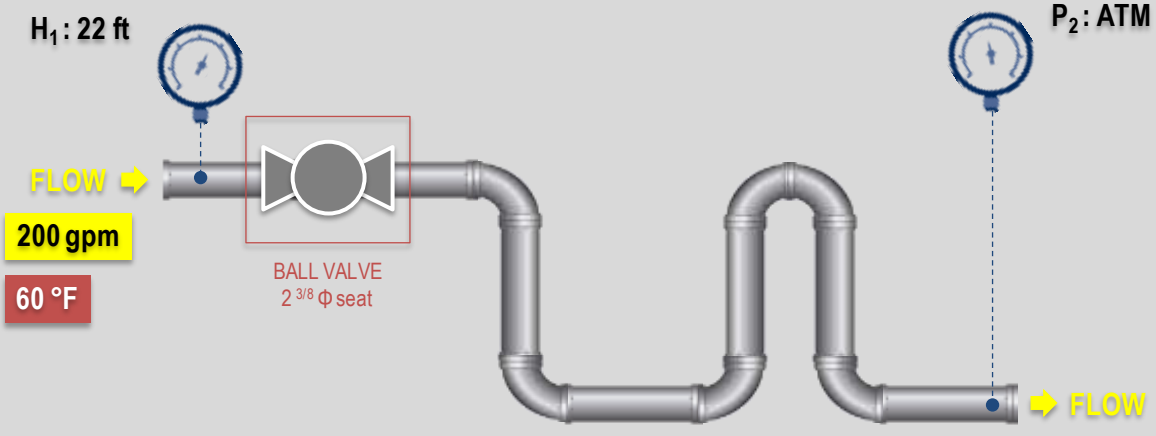

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