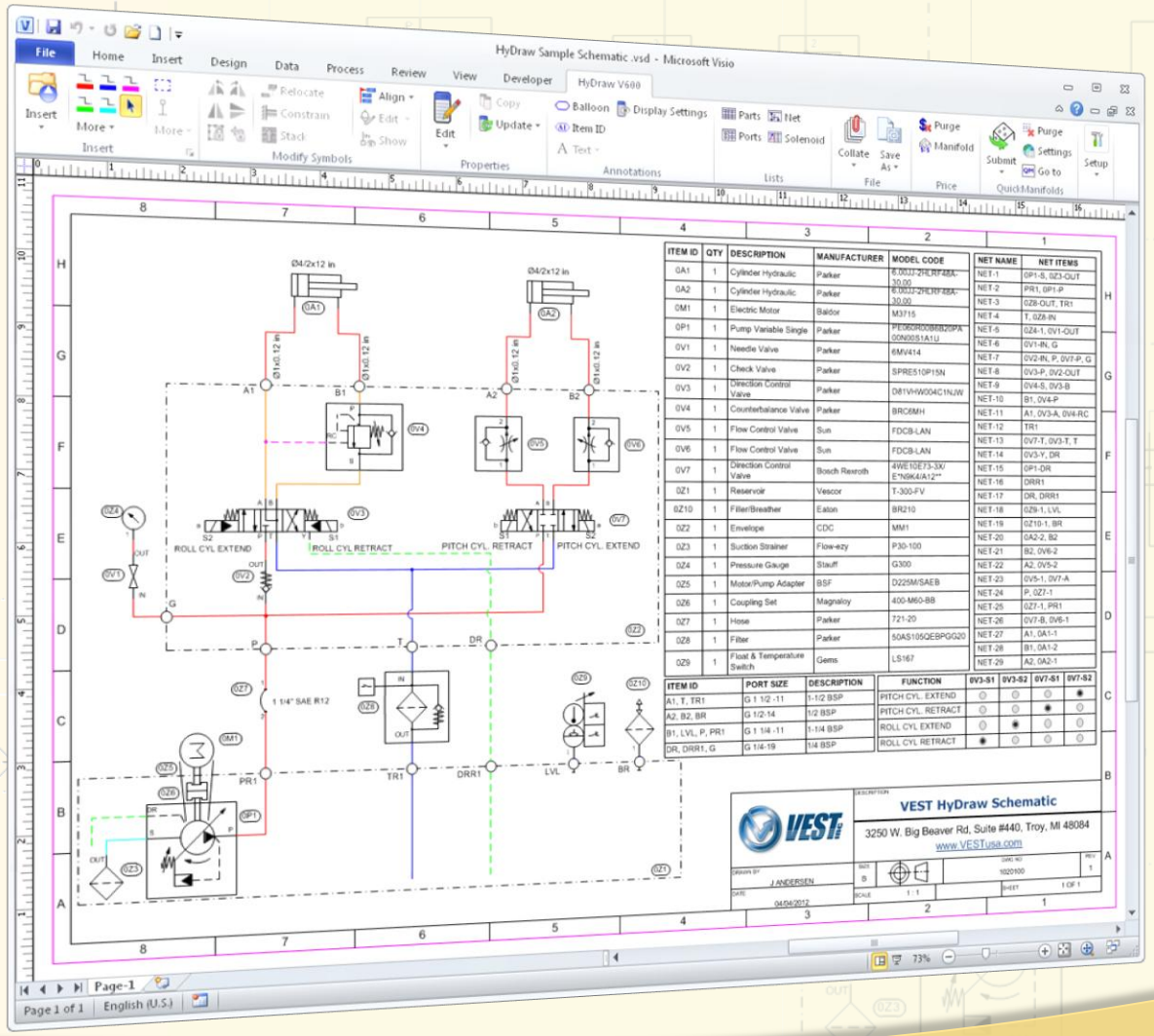

HyDraw® V600

What's New

"Power-to-Design" circuits

HyDraw® "Power-to-Design" circuits

NEW

1	Solenoid Actuation Chart
2	Edit Solenoid Information
3	Fetch Pipe/Tube from library
4	Edit Port Operating Parameters
5	Update Property List
6	Display Dual Port Names

ENHANCED

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2	Net List - Insert to Drawing
3	Relocate Symbol - Change Reference points
4	External Ports with Through Bolt Holes and O-ring
5	Export to MDTools - Linked CAD data
6	Quick Manifold : Submit Design - Advanced Design Parameters
7	Quick Manifold : Submit Design - Advanced Constraints
8	Symbol Context Menu

HyDraw Library Manager

1	Pipe and Tube Library
2	Component Display Formats
	Connection Display Formats
	External Port Display Formats
3	Component Types - Display Formats
4	Dual Port Name
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	Child Symbol Library - Import Symbols
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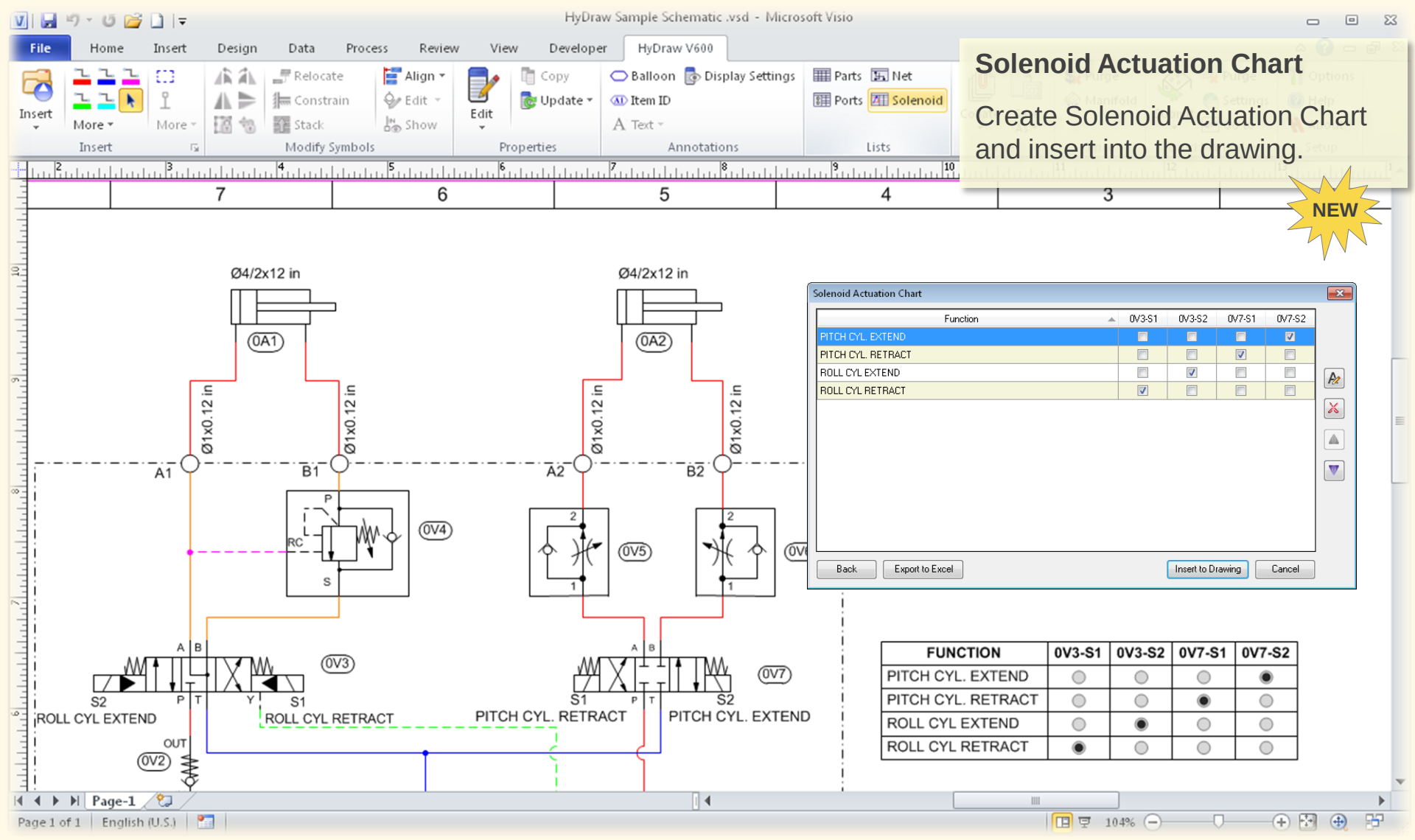
7	Build New Symbol - Building Blocks

1	Edit Master Symbol - Solenoid Information
2	Edit Master Symbol - Display Format
3	Building Blocks in Edit Symbol
4	Model/Design Properties - Assign to Component Type
5	New Component Type - None

Solenoid Actuation Chart

Create Solenoid Actuation Chart and insert into the drawing.

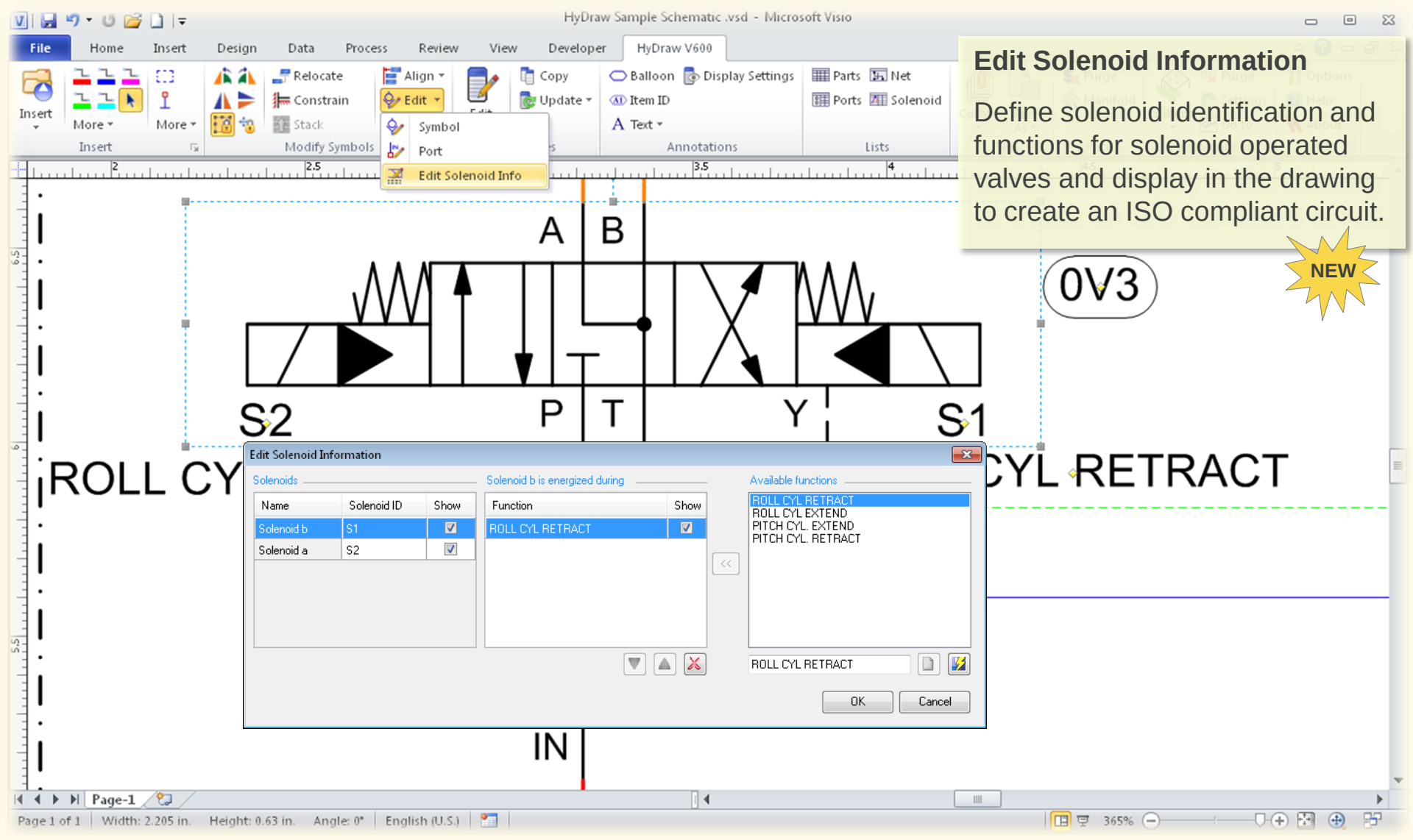
NEW



Edit Solenoid Information

Define solenoid identification and functions for solenoid operated valves and display in the drawing to create an ISO compliant circuit.

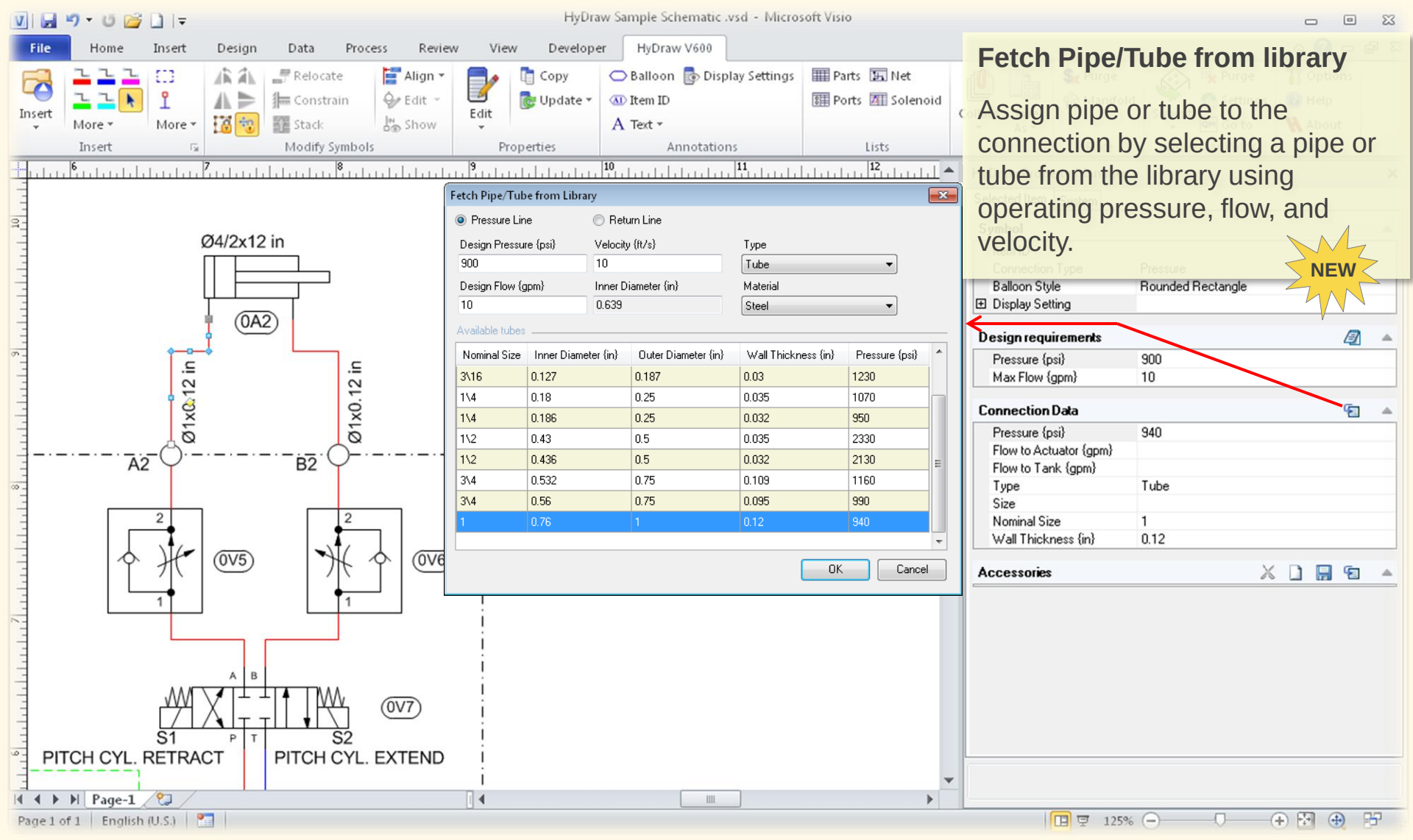
NEW



Fetch Pipe/Tube from library

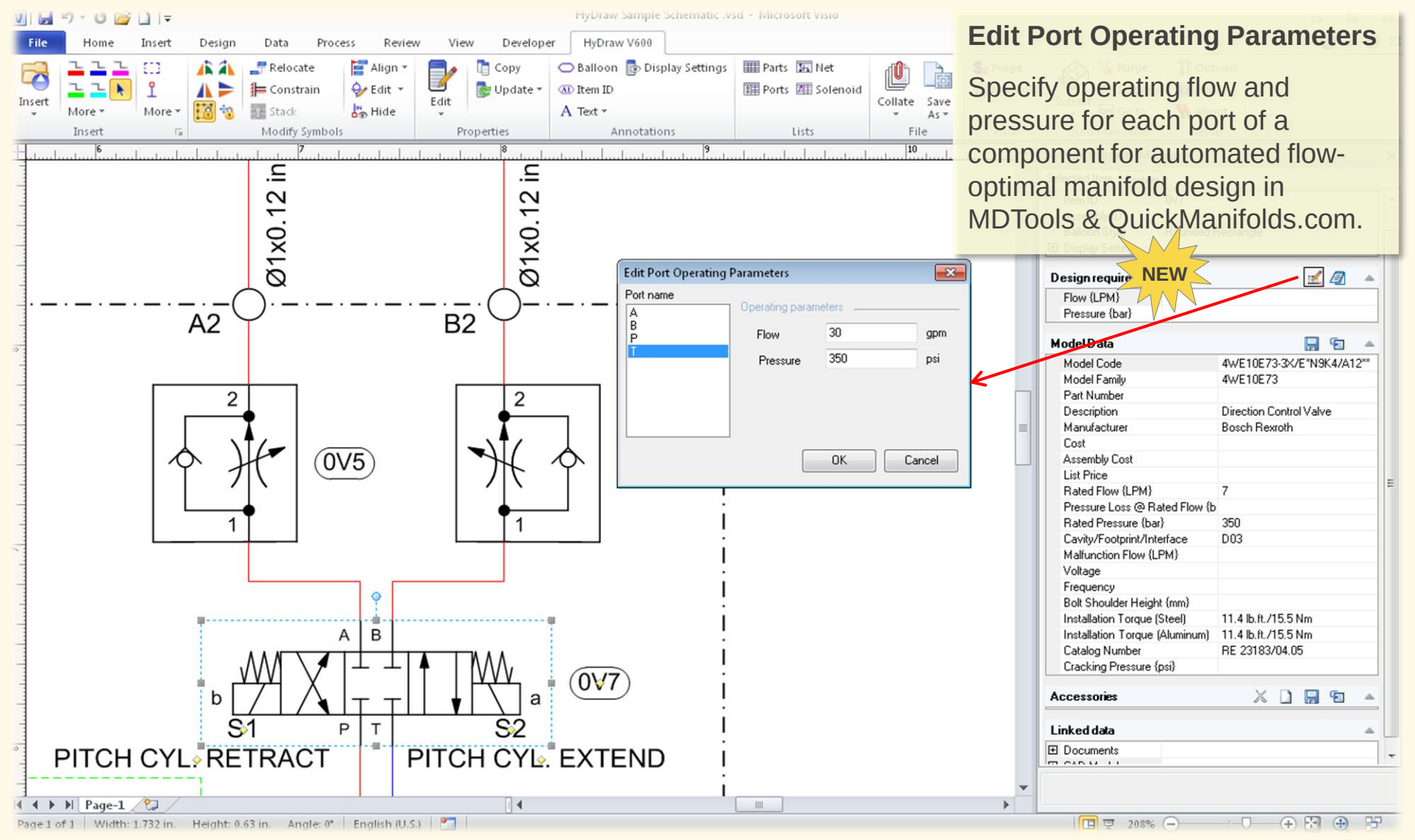
Assign pipe or tube to the connection by selecting a pipe or tube from the library using operating pressure, flow, and velocity.

NEW



Edit Port Operating Parameters

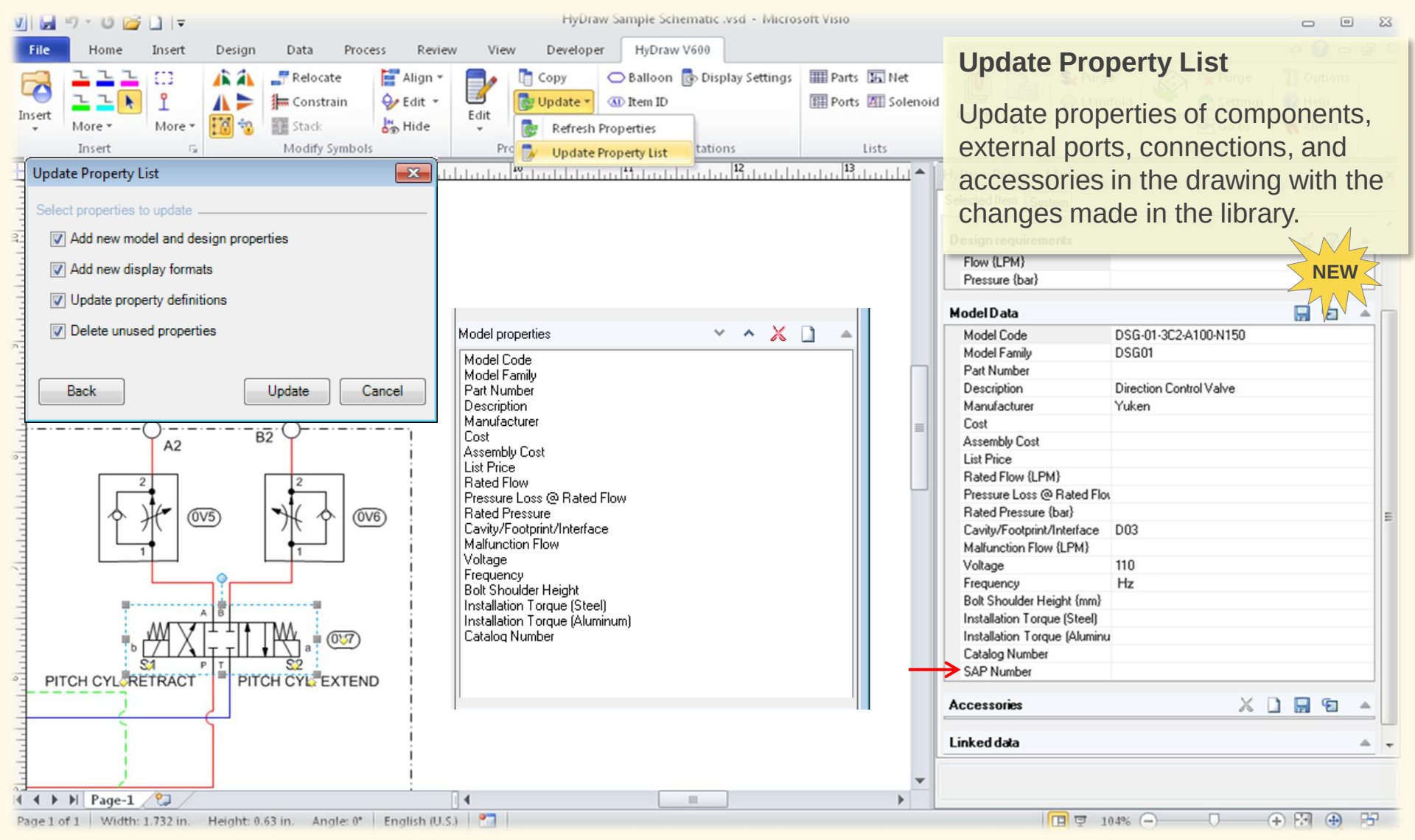
Specify operating flow and pressure for each port of a component for automated flow-optimal manifold design in MDTools & QuickManifolds.com.

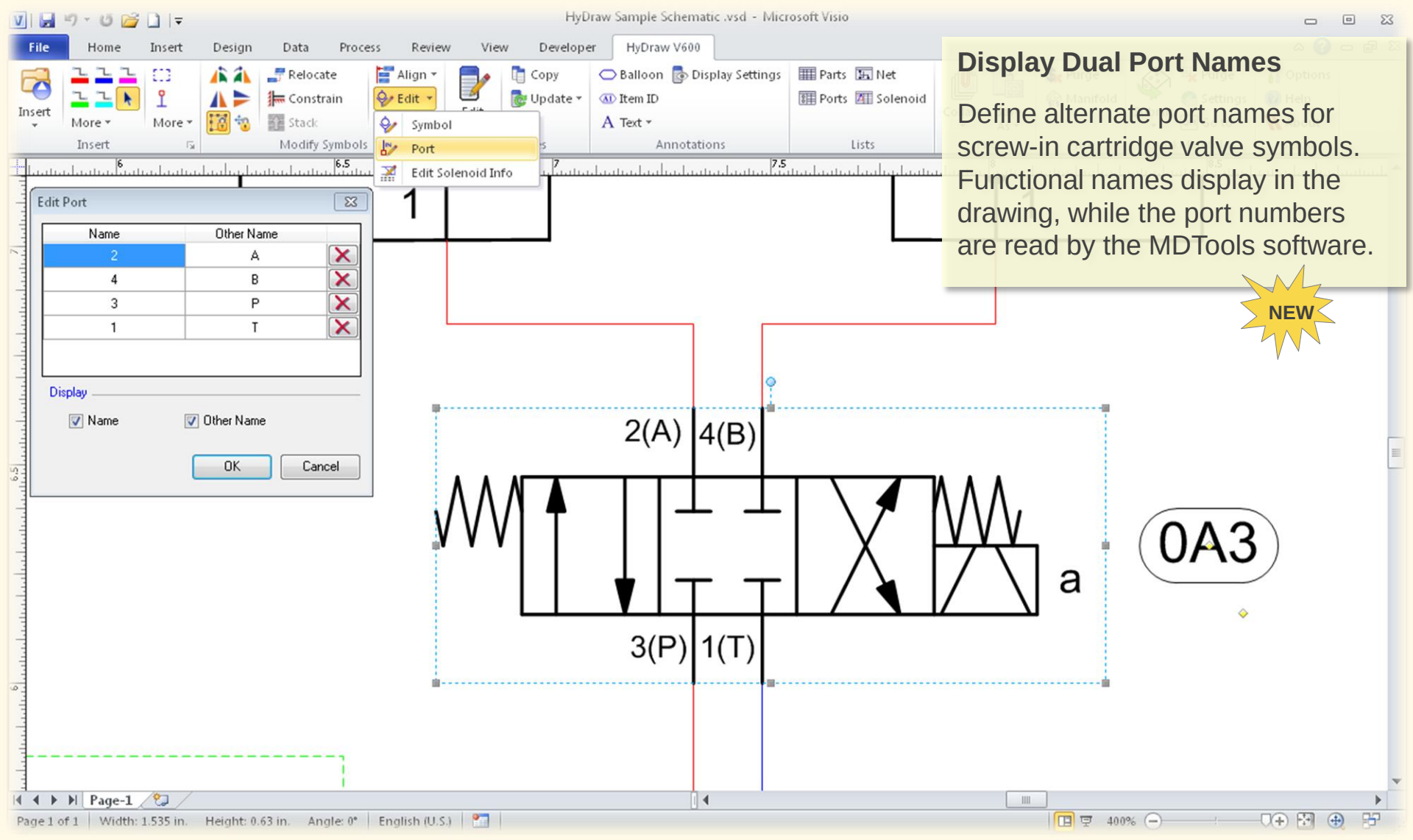


Update Property List

Update properties of components, external ports, connections, and accessories in the drawing with the changes made in the library.

NEW





Display Dual Port Names

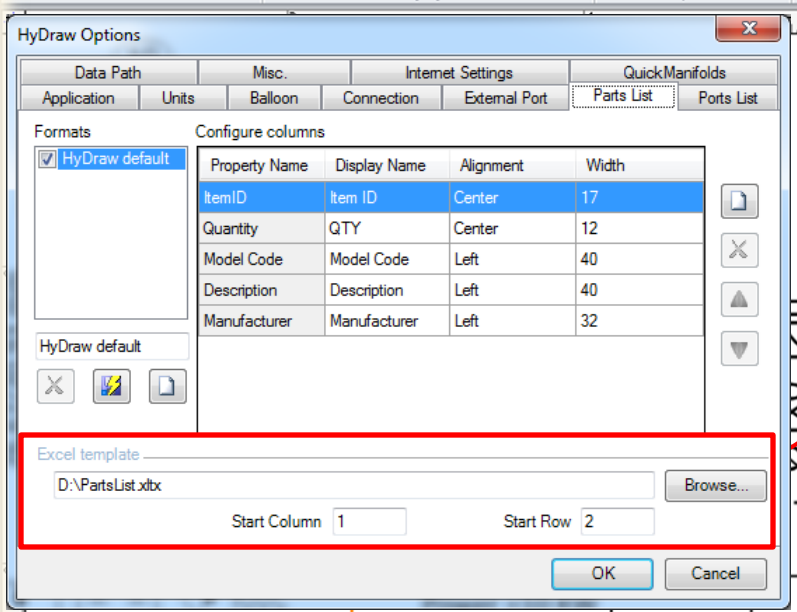
Define alternate port names for screw-in cartridge valve symbols. Functional names display in the drawing, while the port numbers are read by the MDTools software.

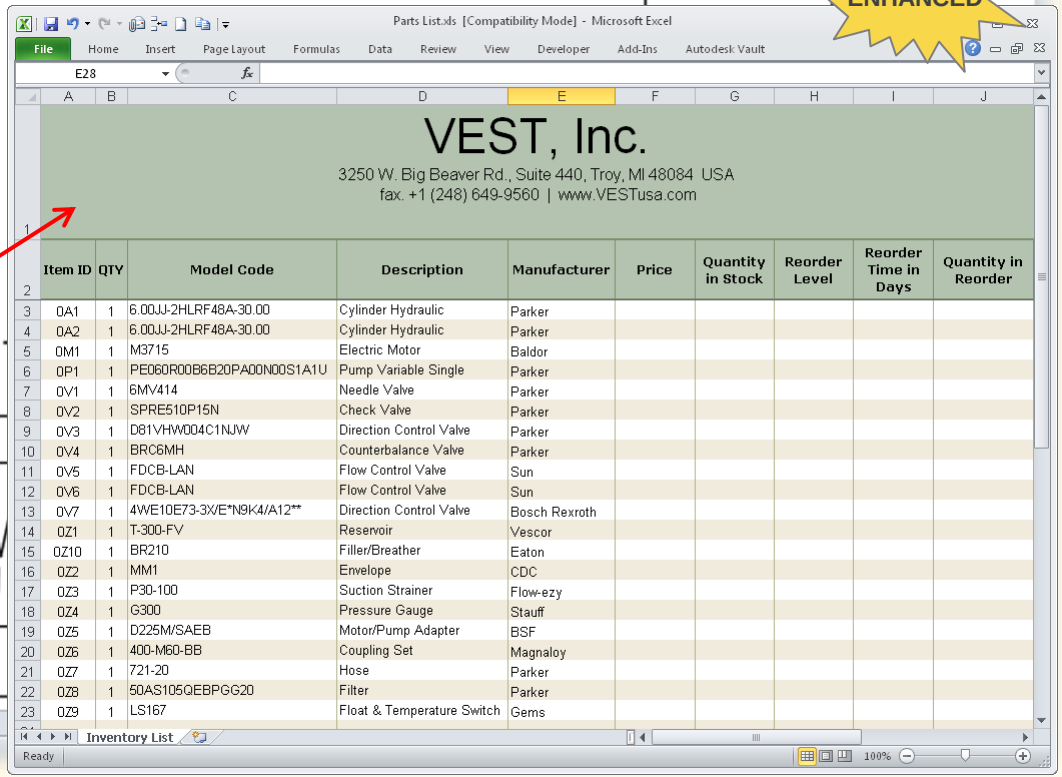
NEW

Export Parts List - Custom Template

Export part list into Excel.
Create parts list in Excel using the user defined template.

ENHANCED

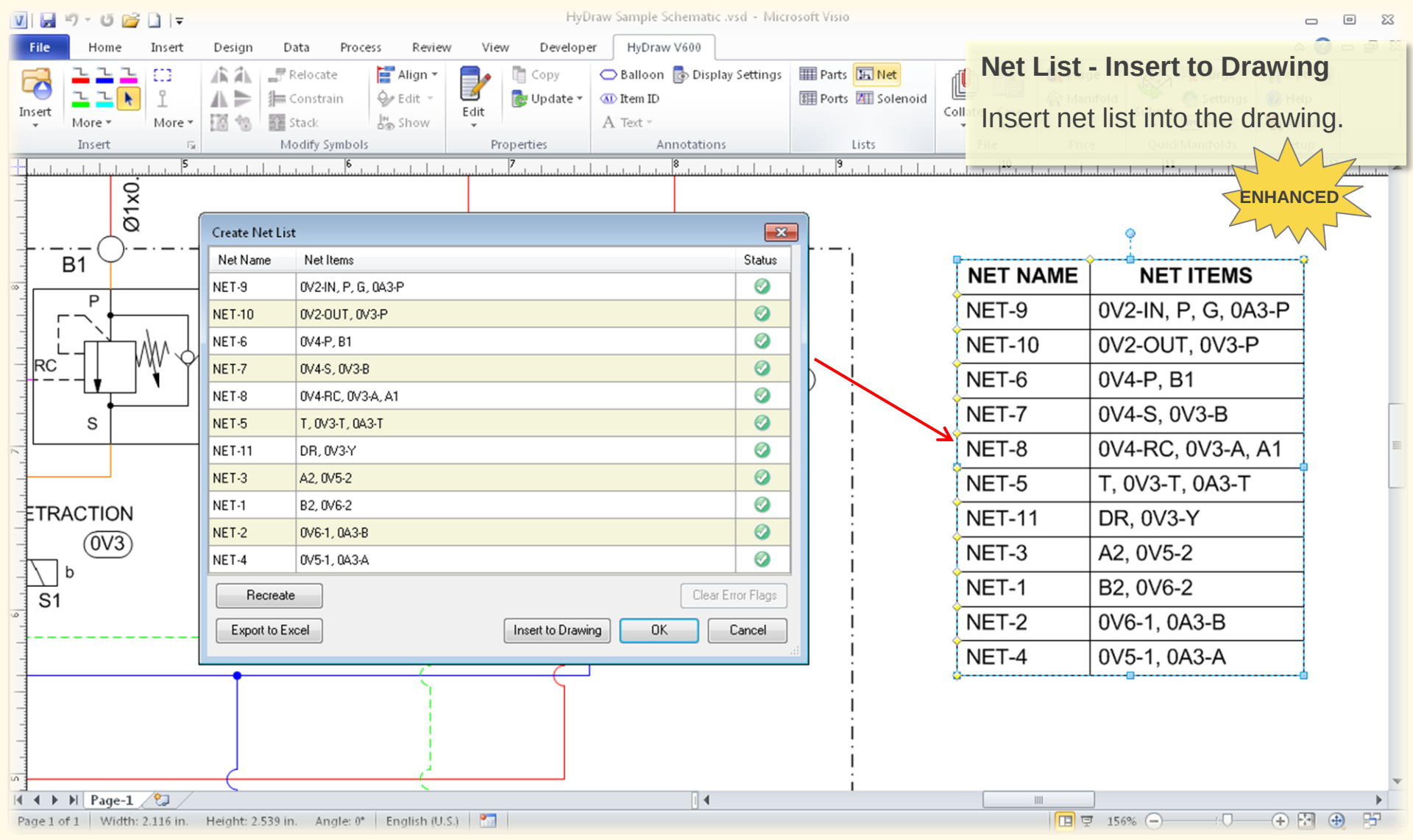




Net List - Insert to Drawing

Insert net list into the drawing.

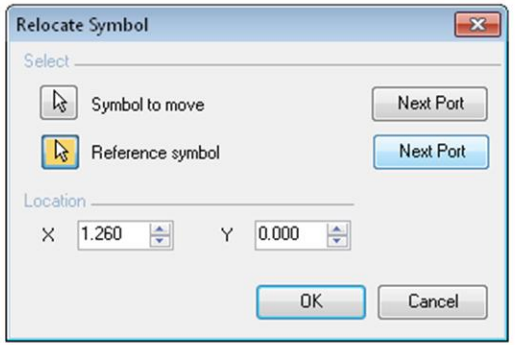
ENHANCED

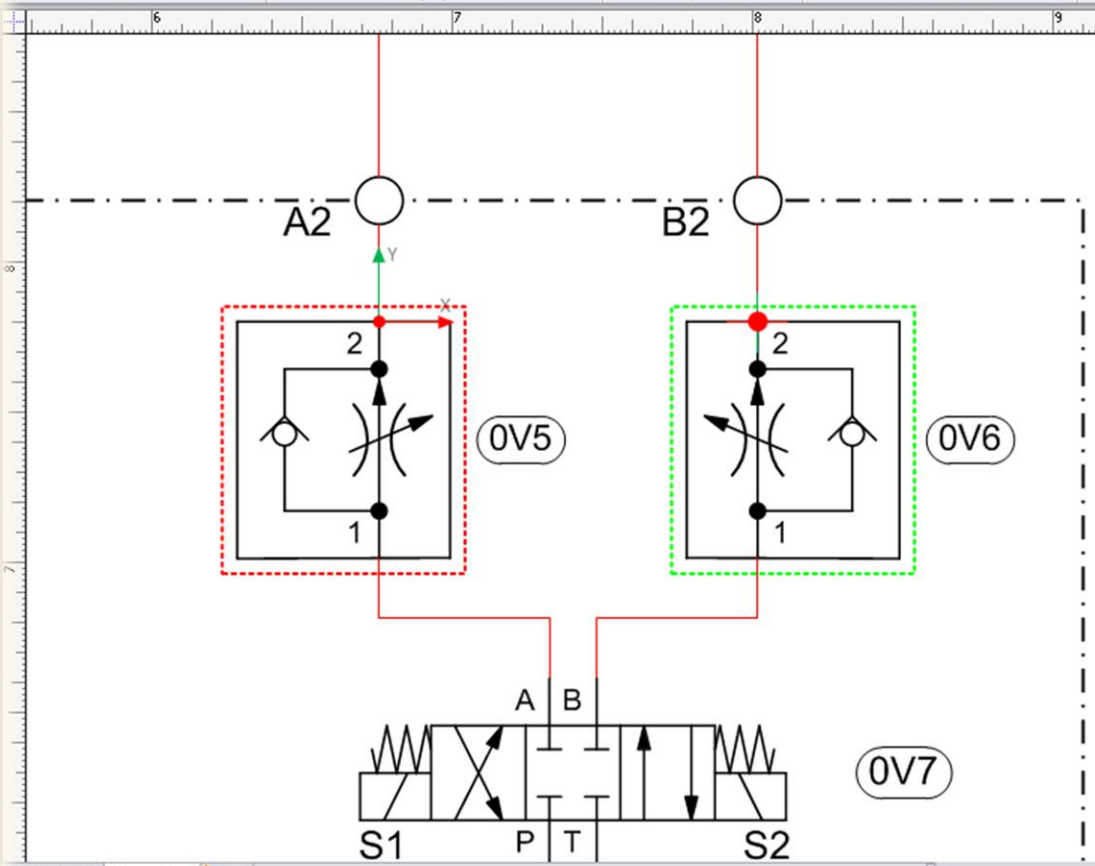


Relocate Symbol - Change Reference points

Relocate symbols by specifying the distance between symbol ports.

ENHANCED

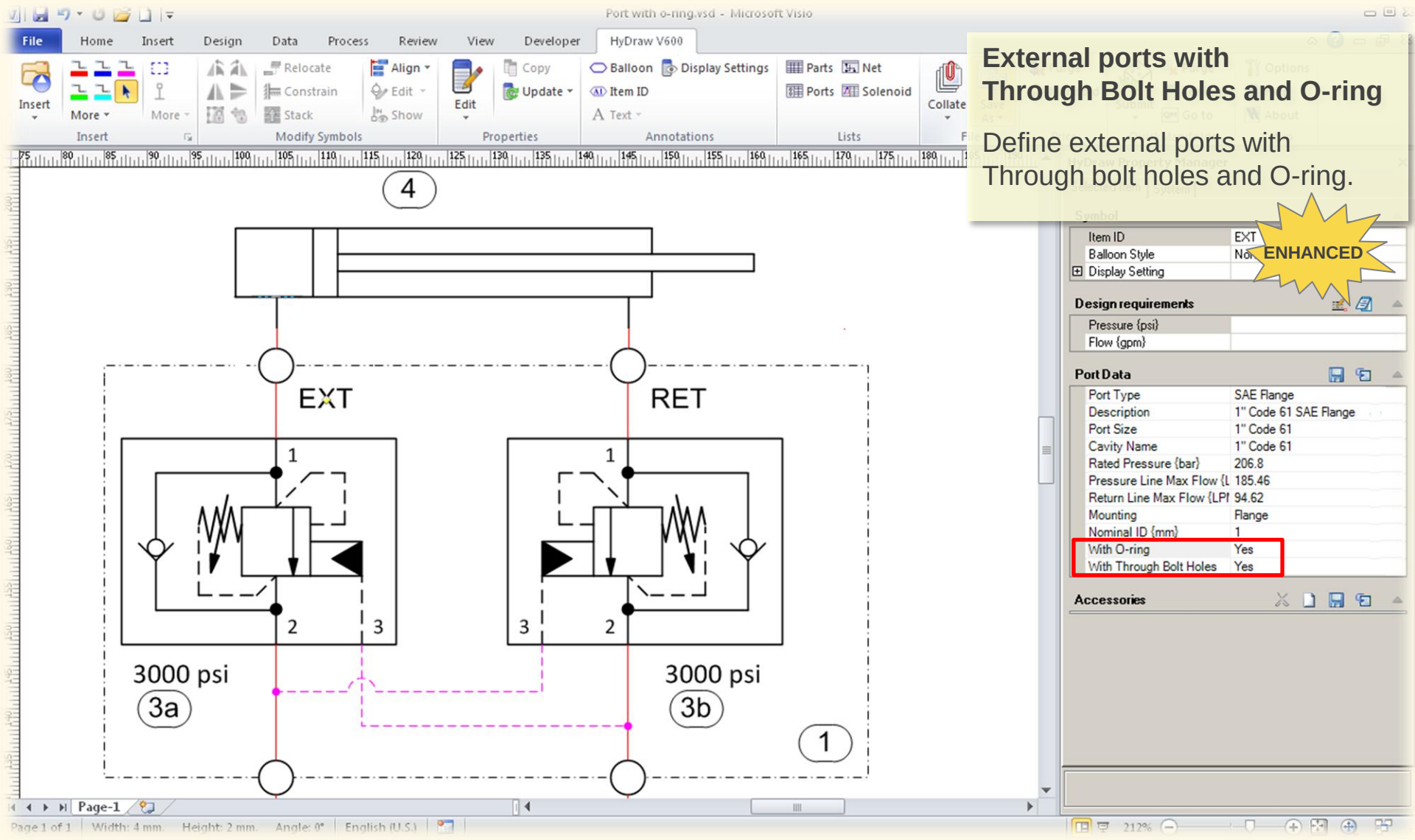




External ports with Through Bolt Holes and O-ring

Define external ports with Through bolt holes and O-ring.

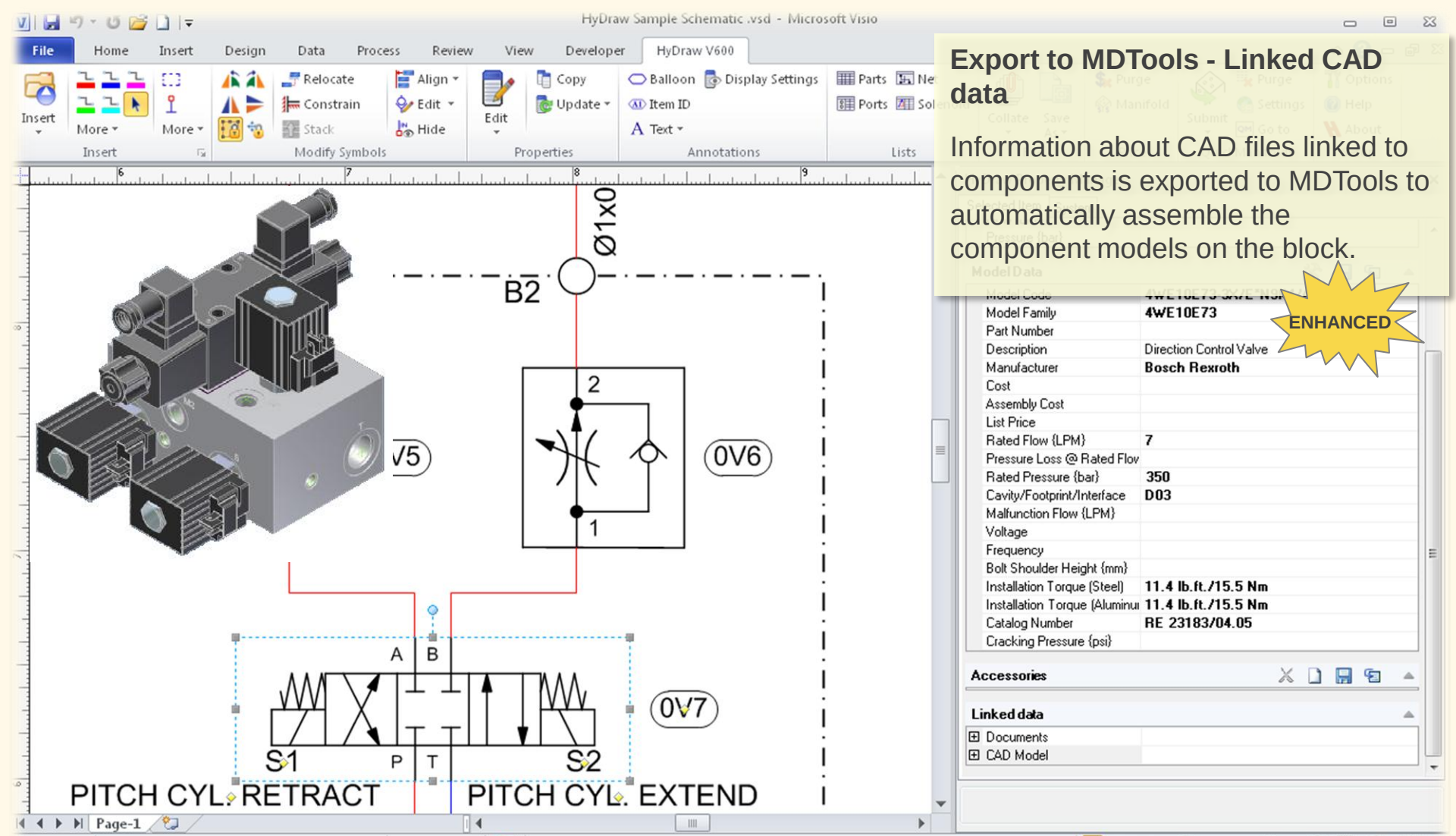
ENHANCED



Export to MDTools - Linked CAD data

Information about CAD files linked to components is exported to MDTools to automatically assemble the component models on the block.

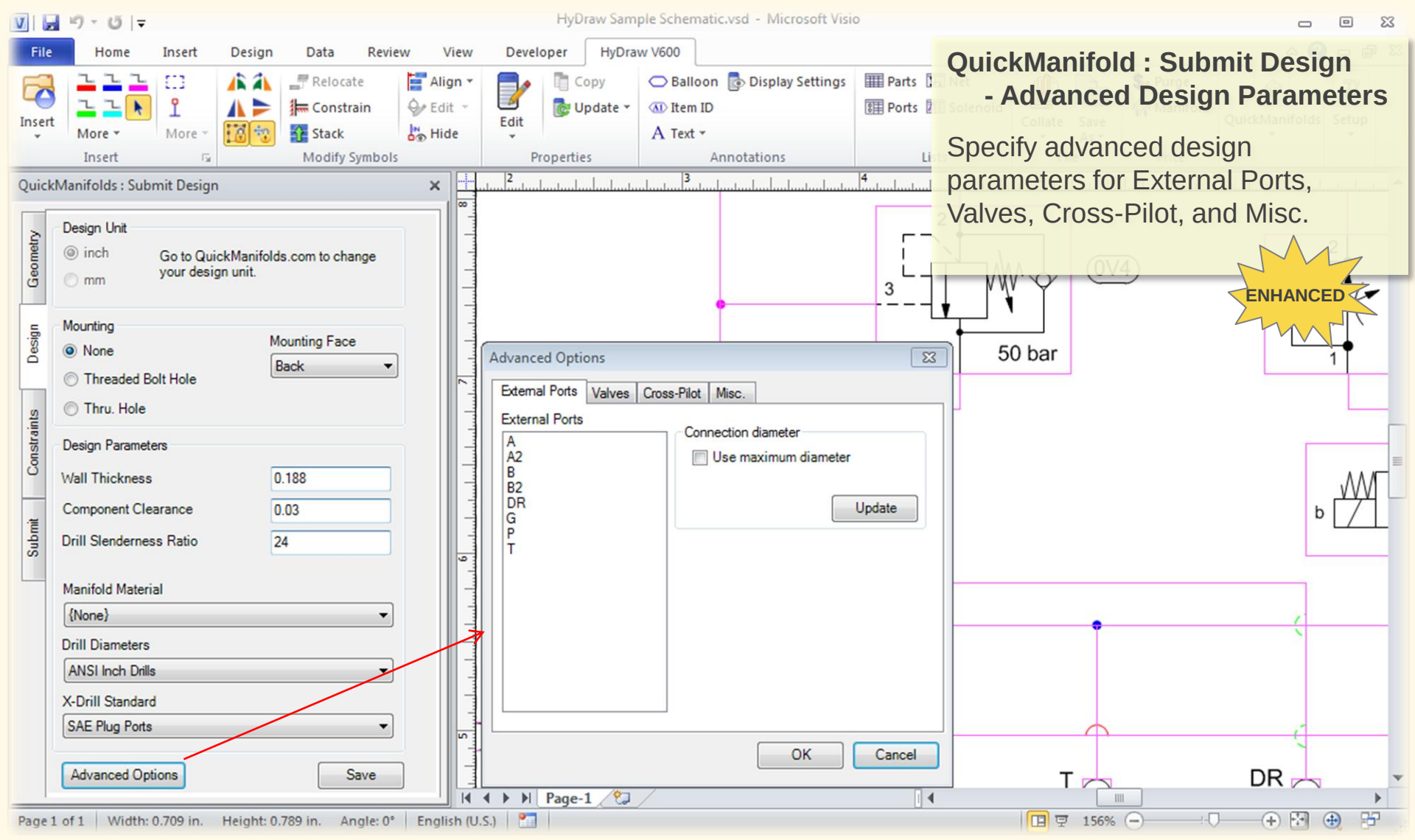
ENHANCED



QuickManifold : Submit Design - Advanced Design Parameters

Specify advanced design parameters for External Ports, Valves, Cross-Pilot, and Misc.

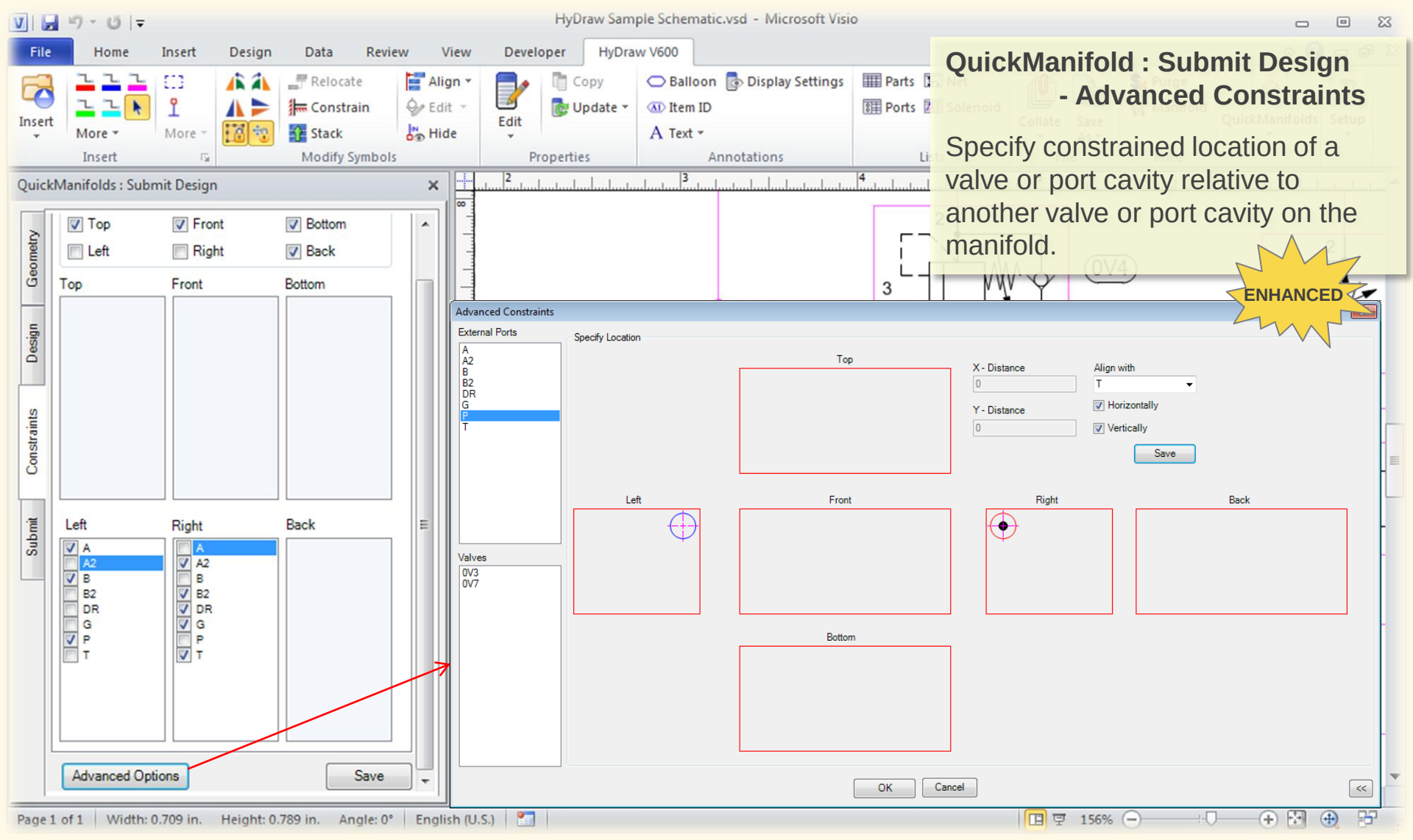
ENHANCED



QuickManifold : Submit Design - Advanced Constraints

Specify constrained location of a valve or port cavity relative to another valve or port cavity on the manifold.

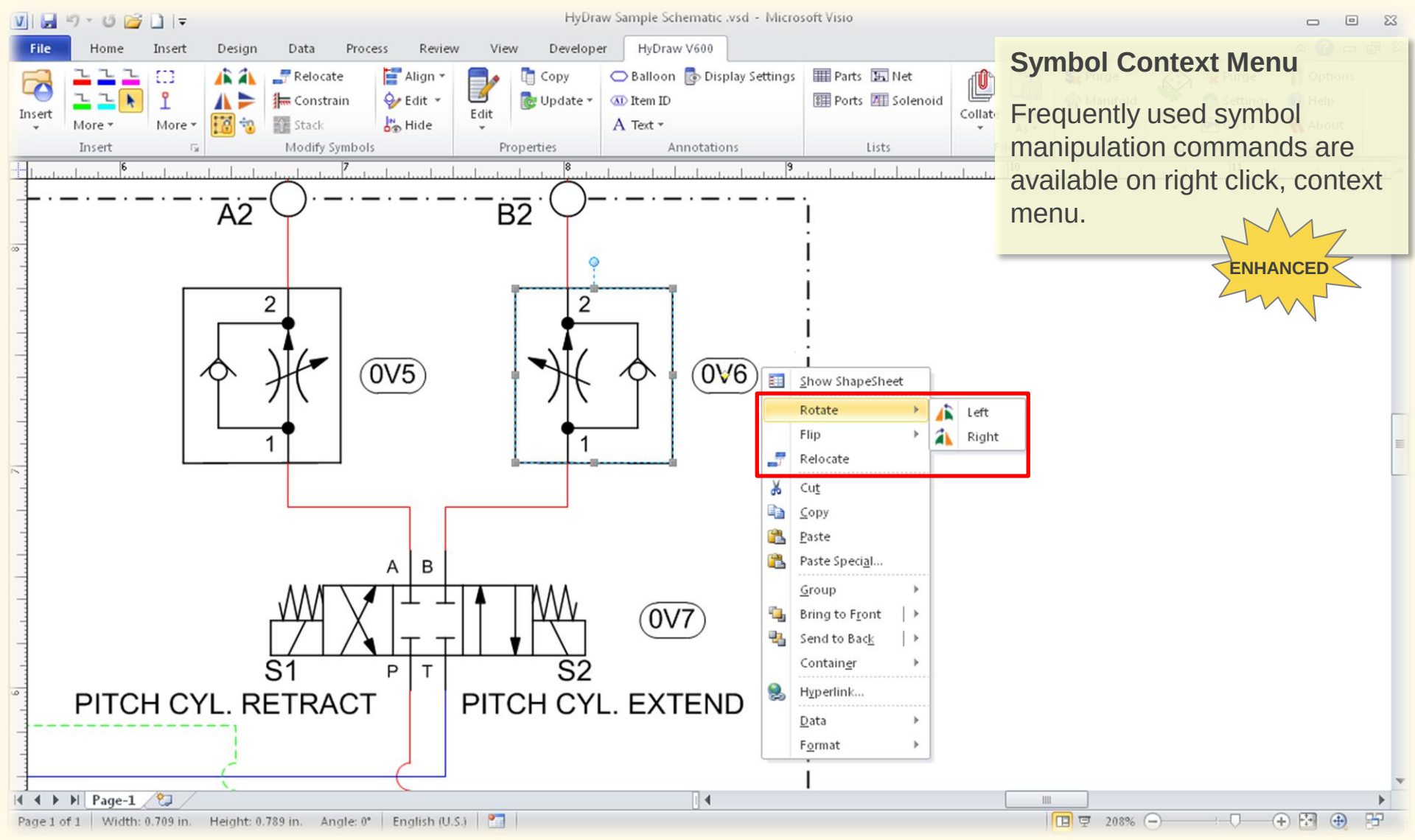
ENHANCED



Symbol Context Menu

Frequently used symbol manipulation commands are available on right click, context menu.

ENHANCED

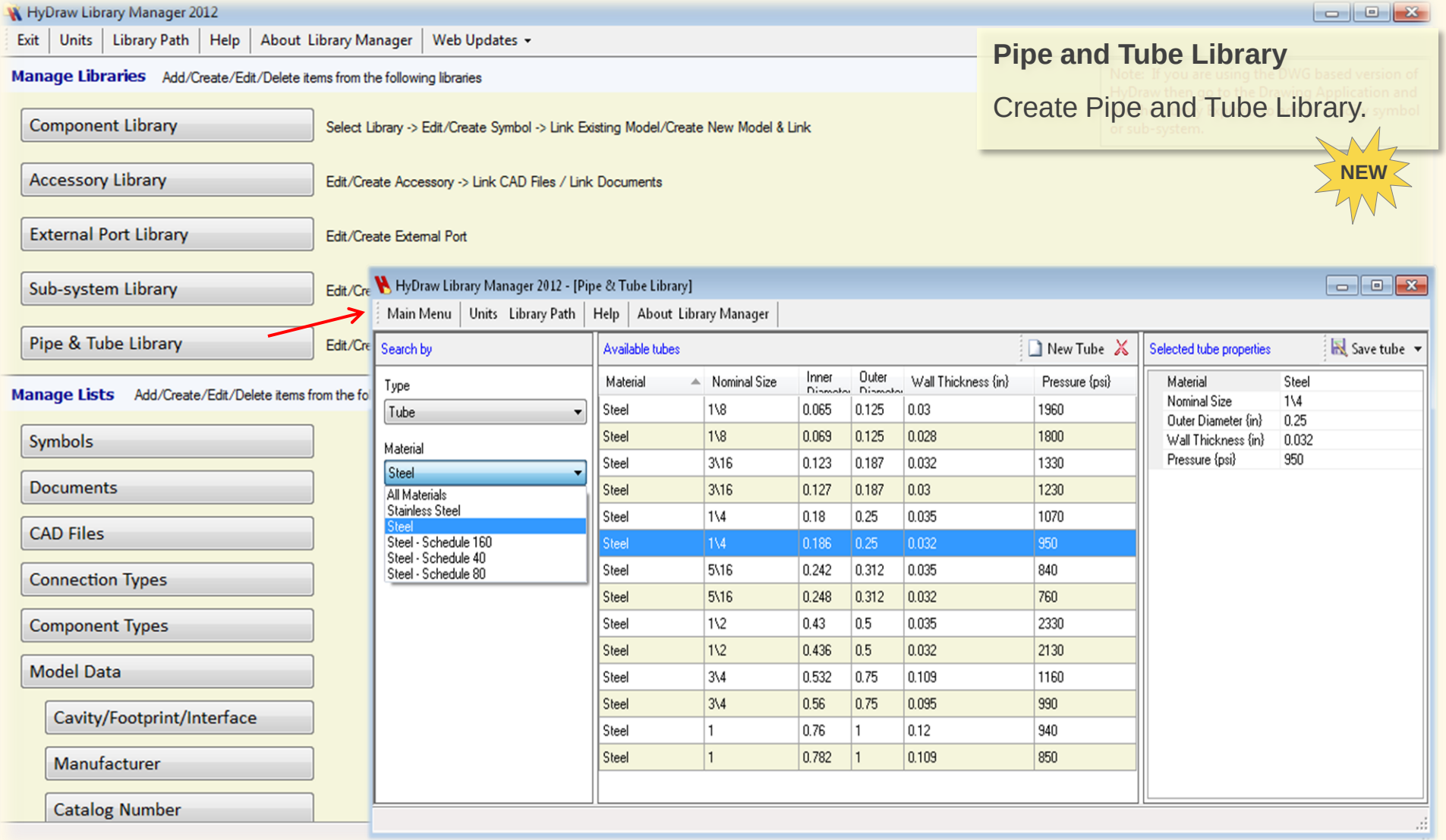


Library Manager 2012

Pipe and Tube Library

Create Pipe and Tube Library.

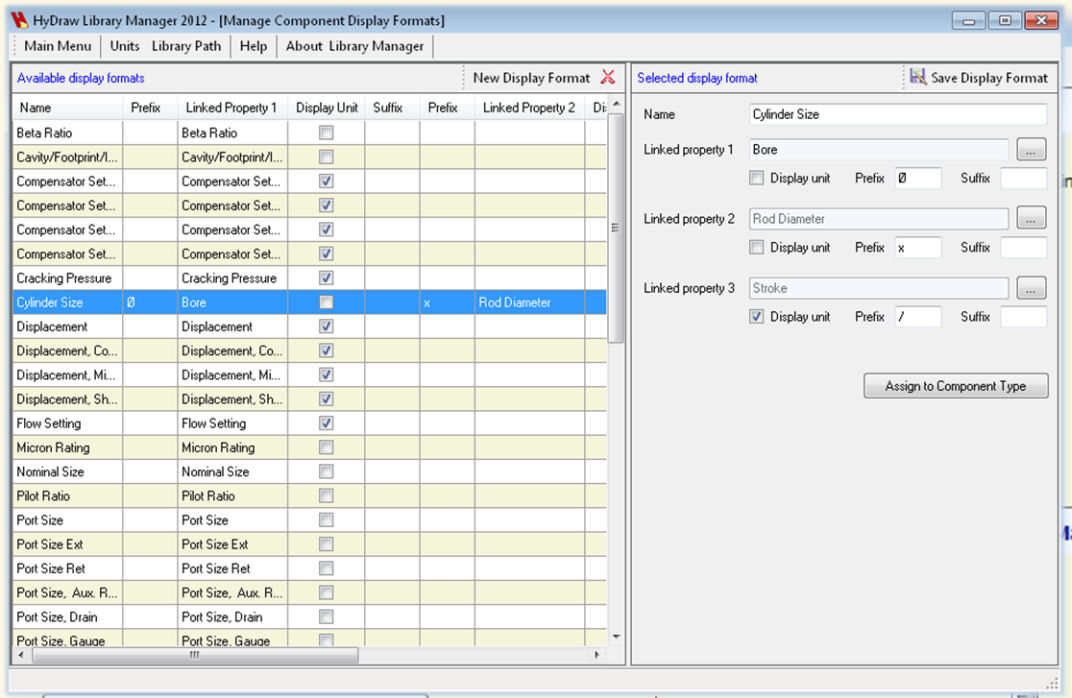
NEW

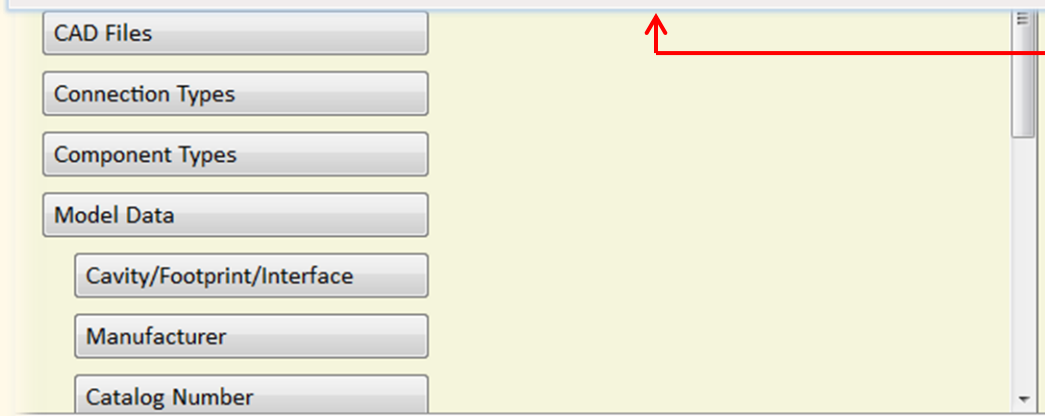


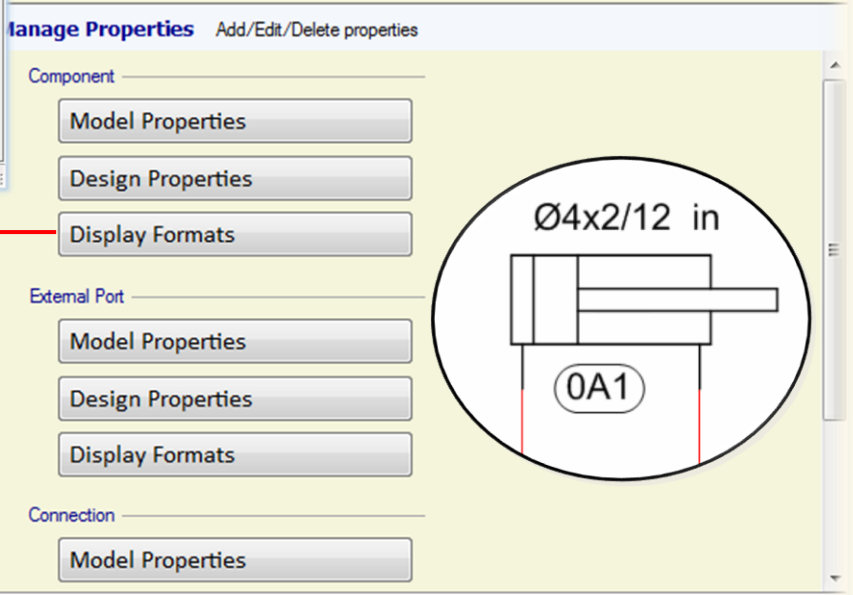
Component Display Formats

Define Components Display Formats to display properties with suffix and/or prefix.
Display compound properties using the display format.

NEW



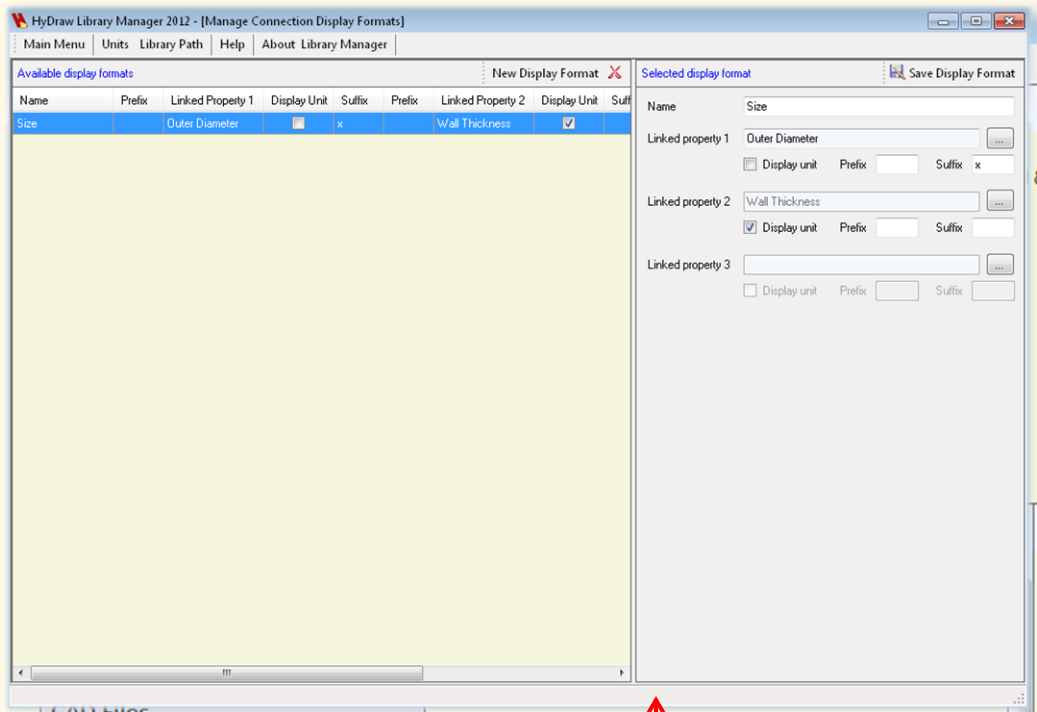


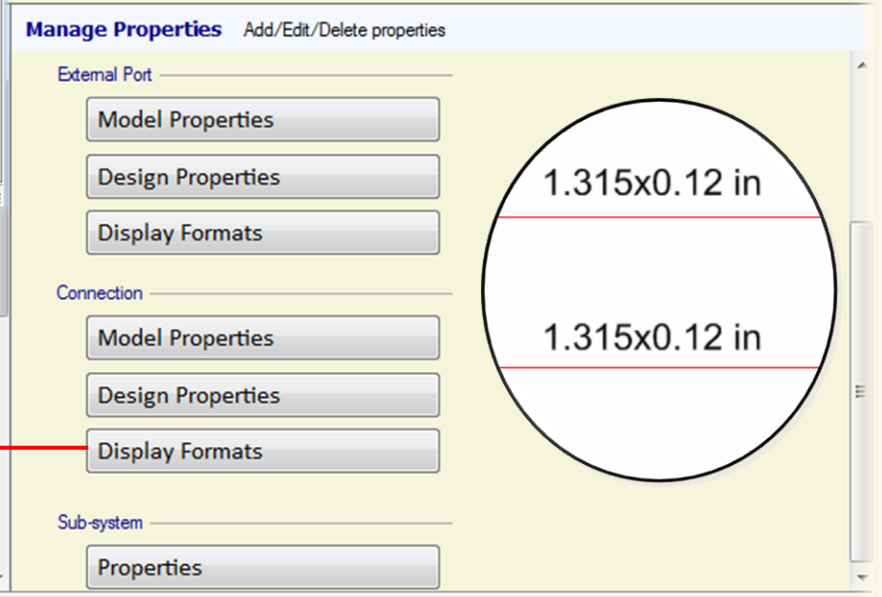


Connection Display Formats

Define Connection Display Formats to display properties with suffix and/or prefix.
Display compound properties using the display format.

NEW

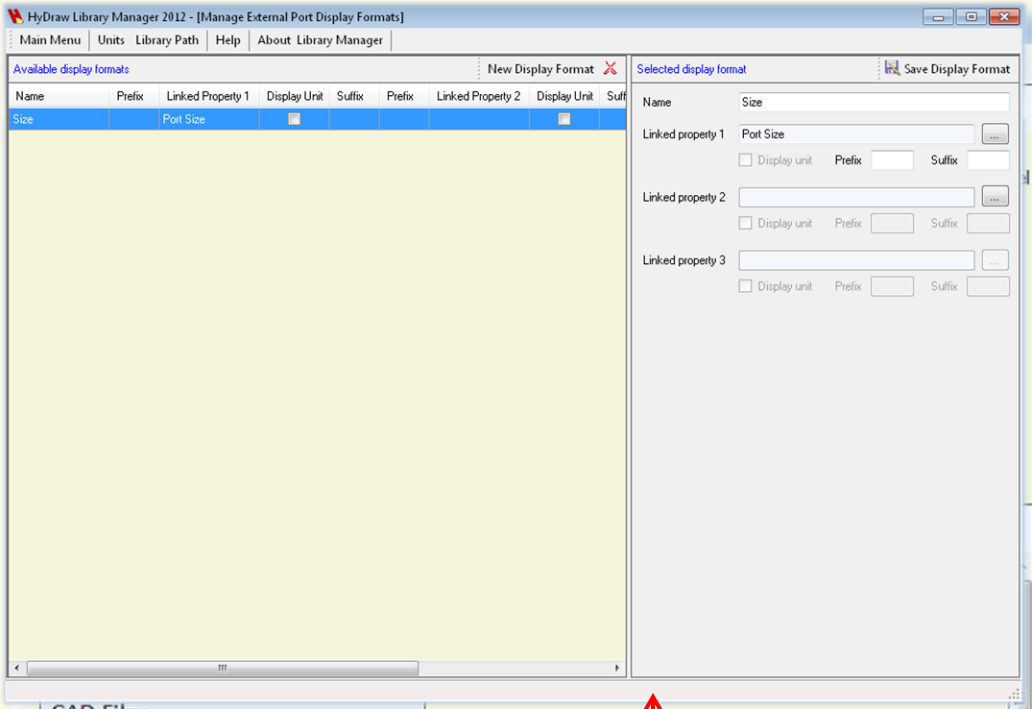


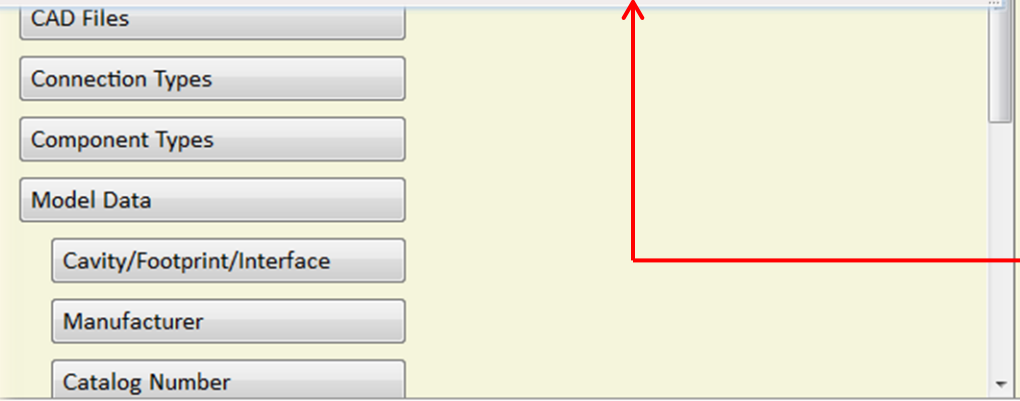


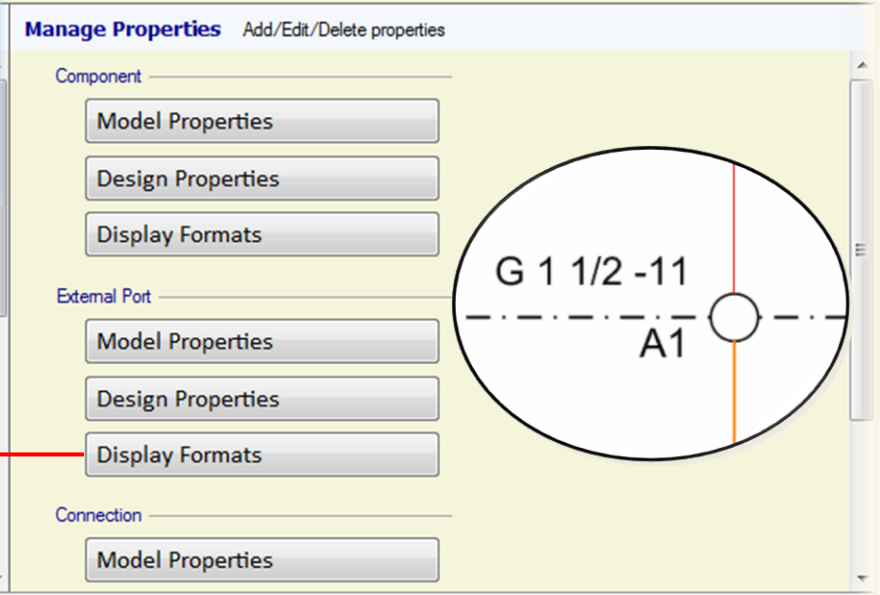
External Port Display Formats

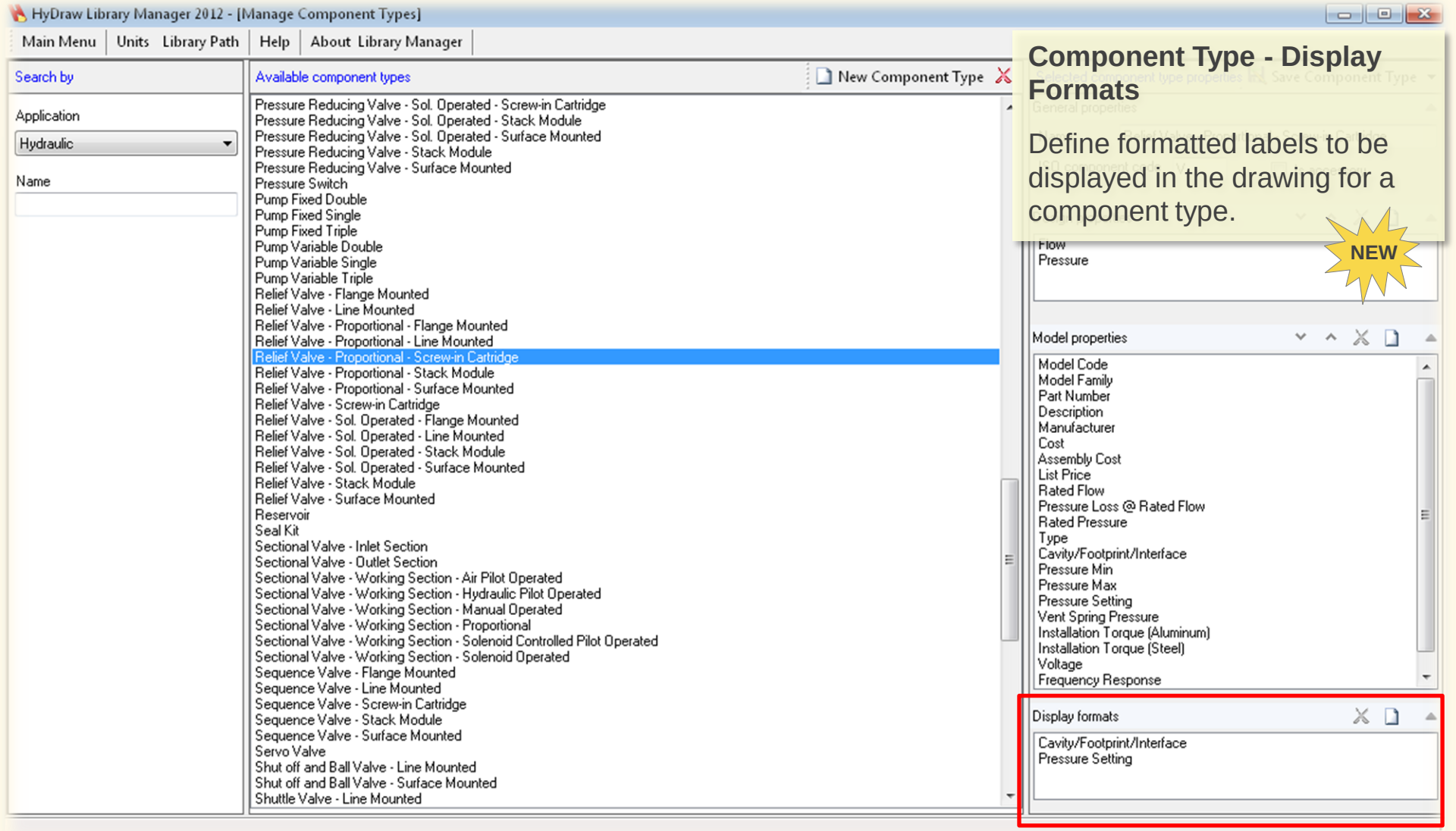
Define External Port Display Formats to display properties with suffix and/or prefix.
Display compound properties using the display format.

NEW









Component Type - Display Formats

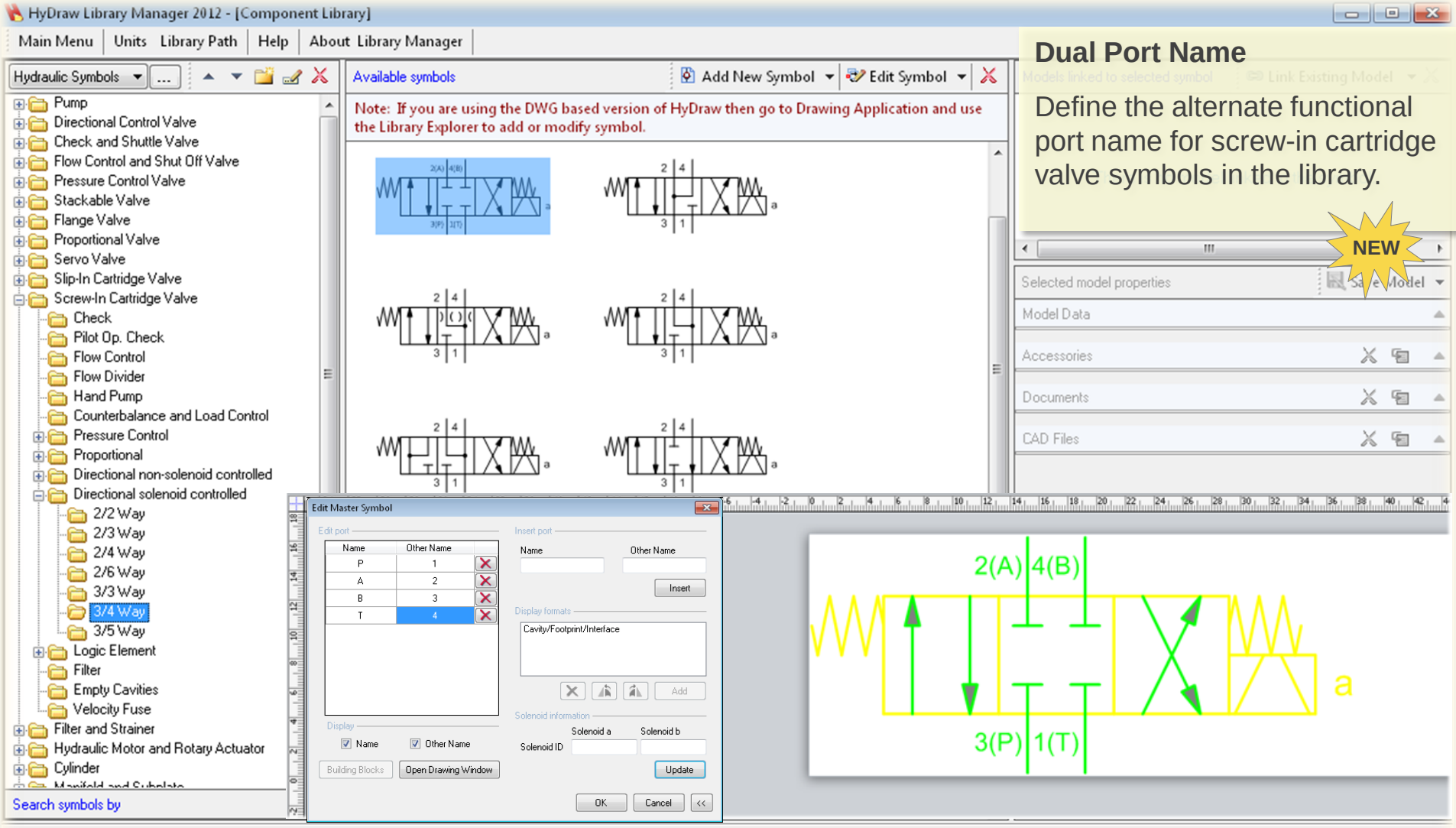
Define formatted labels to be displayed in the drawing for a component type.

NEW

Dual Port Name

Define the alternate functional port name for screw-in cartridge valve symbols in the library.

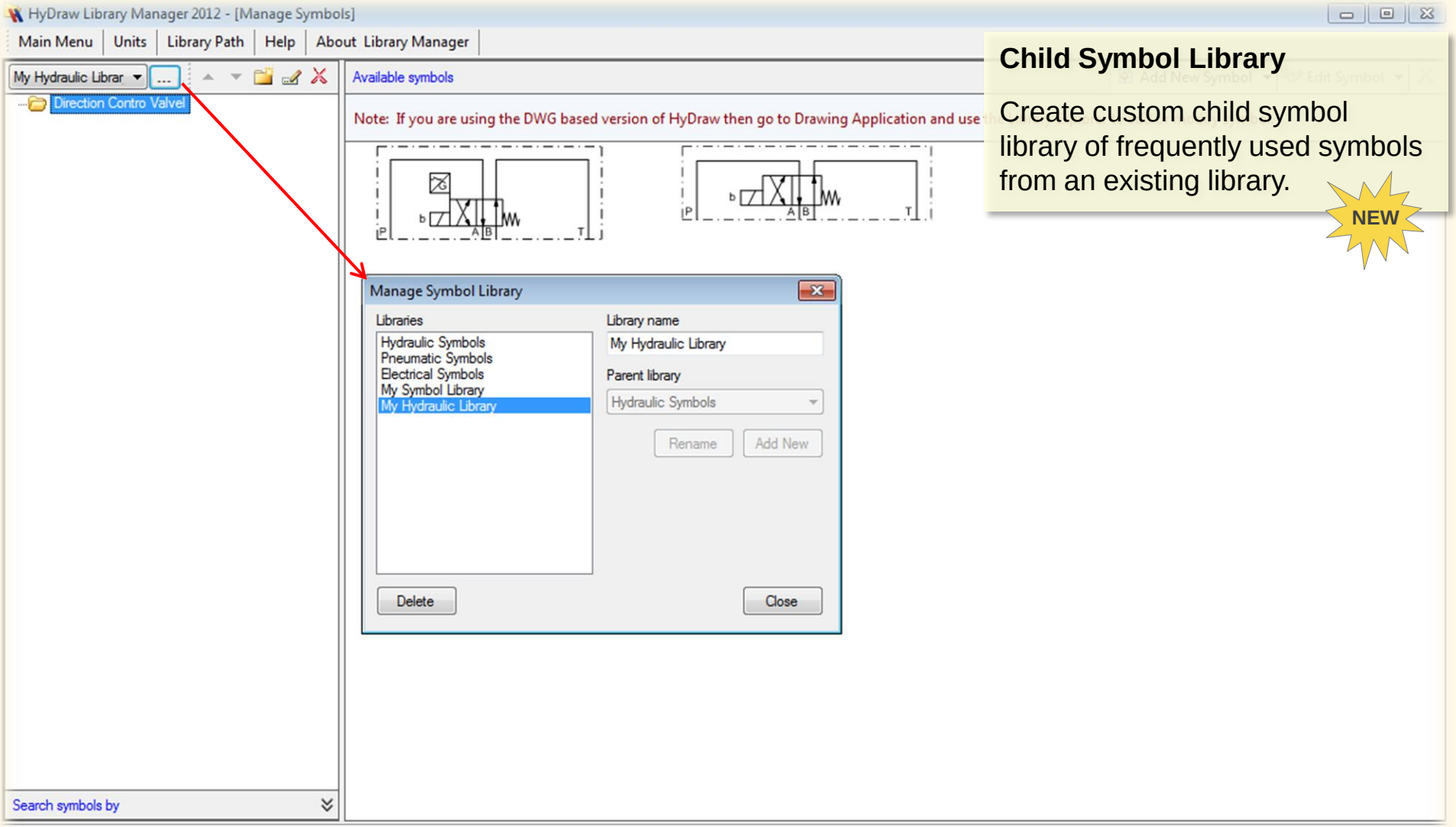
NEW



Child Symbol Library

Create custom child symbol library of frequently used symbols from an existing library.

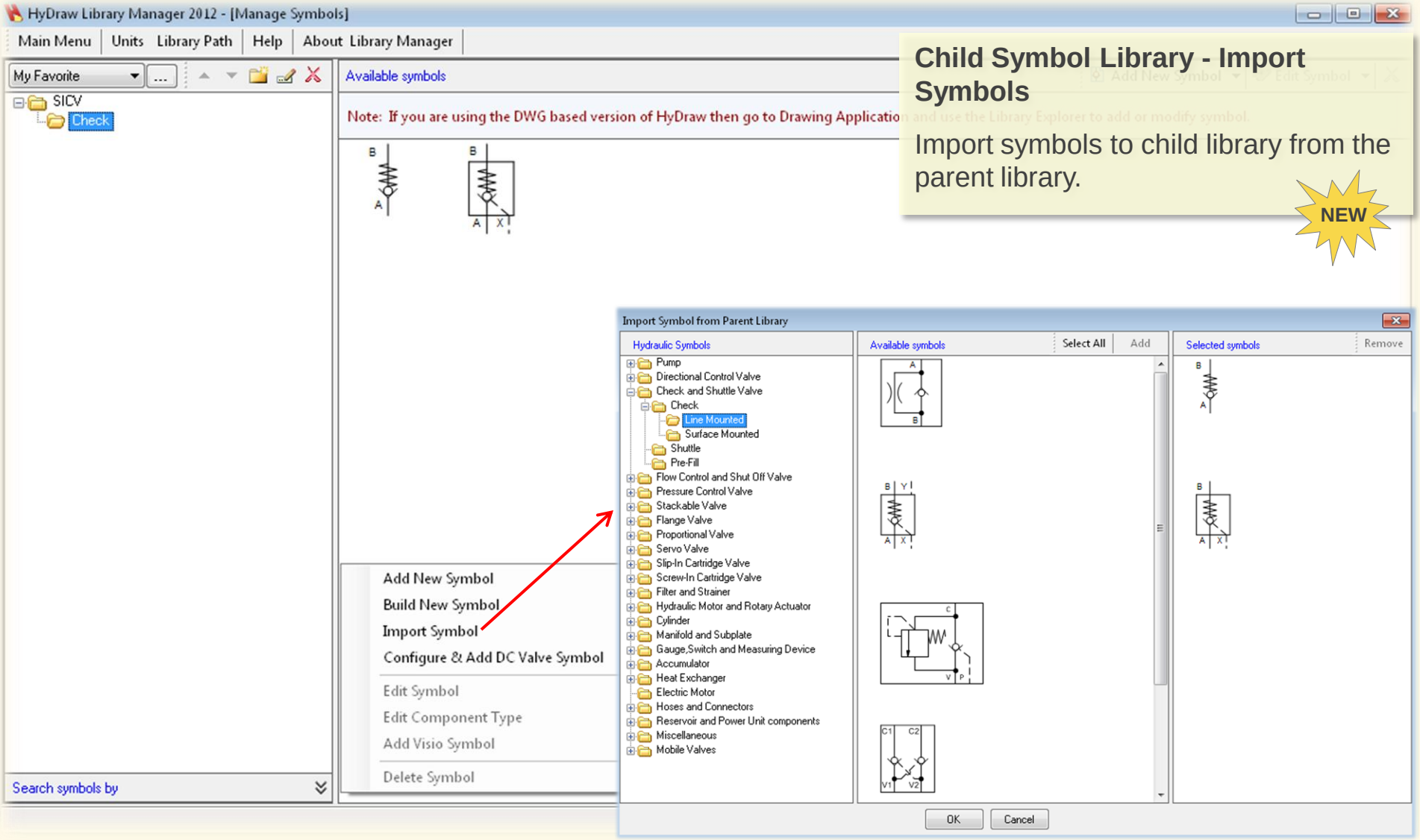
NEW

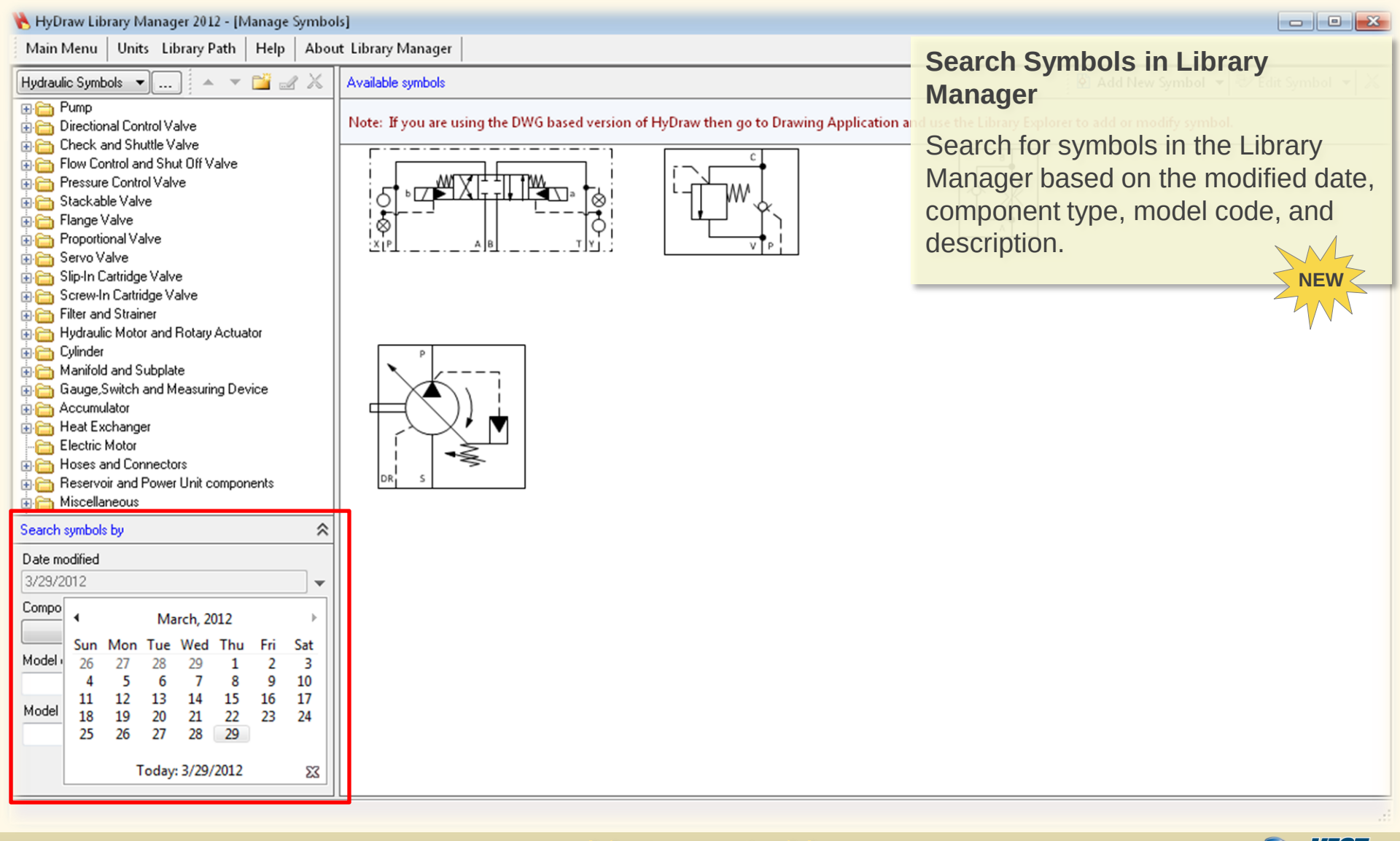


Child Symbol Library - Import Symbols

Import symbols to child library from the parent library.

NEW





Search Symbols in Library Manager

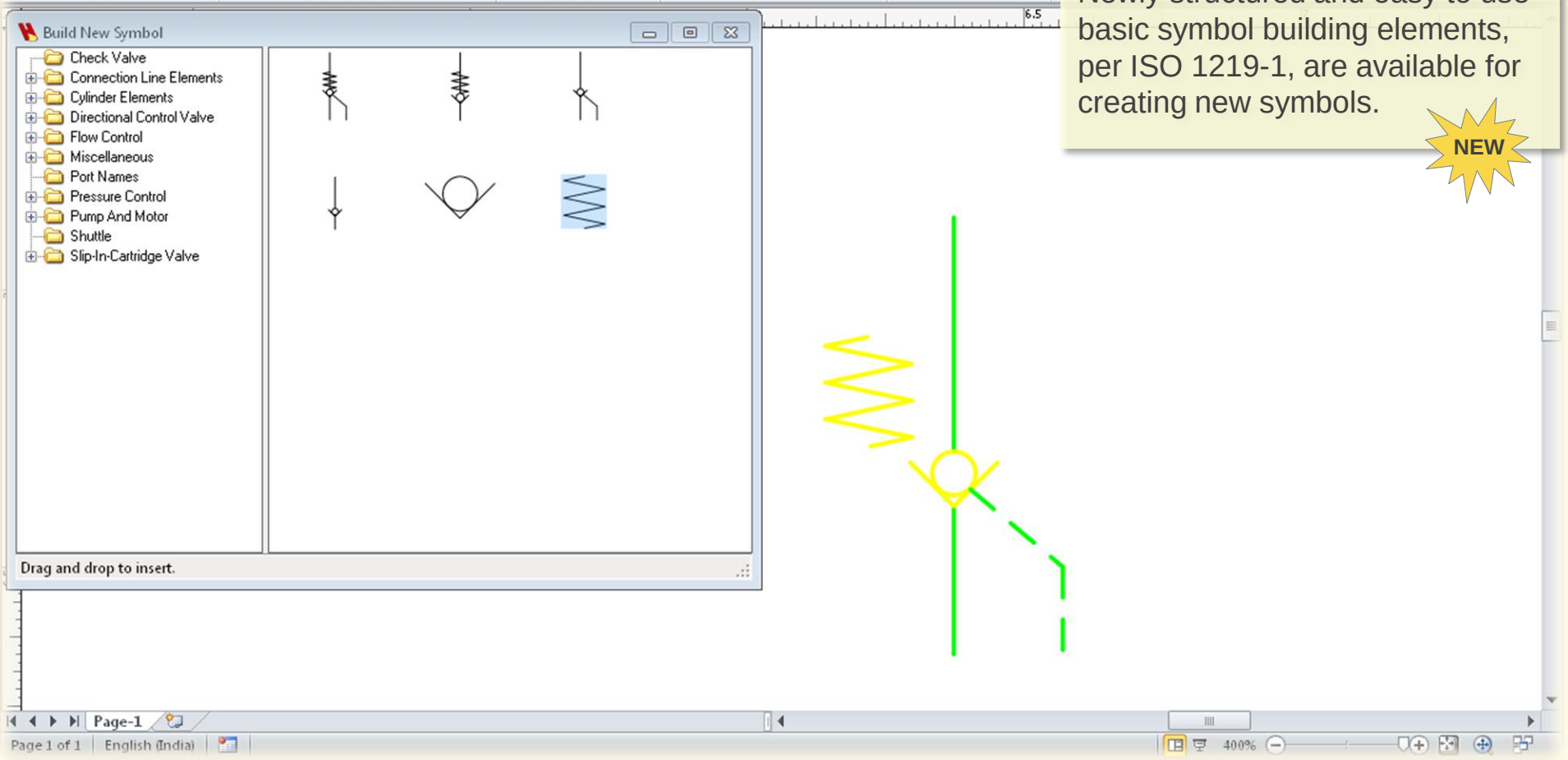
Search for symbols in the Library Manager based on the modified date, component type, model code, and description.

NEW

Build New Symbol - Building blocks

Newly structured and easy to use basic symbol building elements, per ISO 1219-1, are available for creating new symbols.

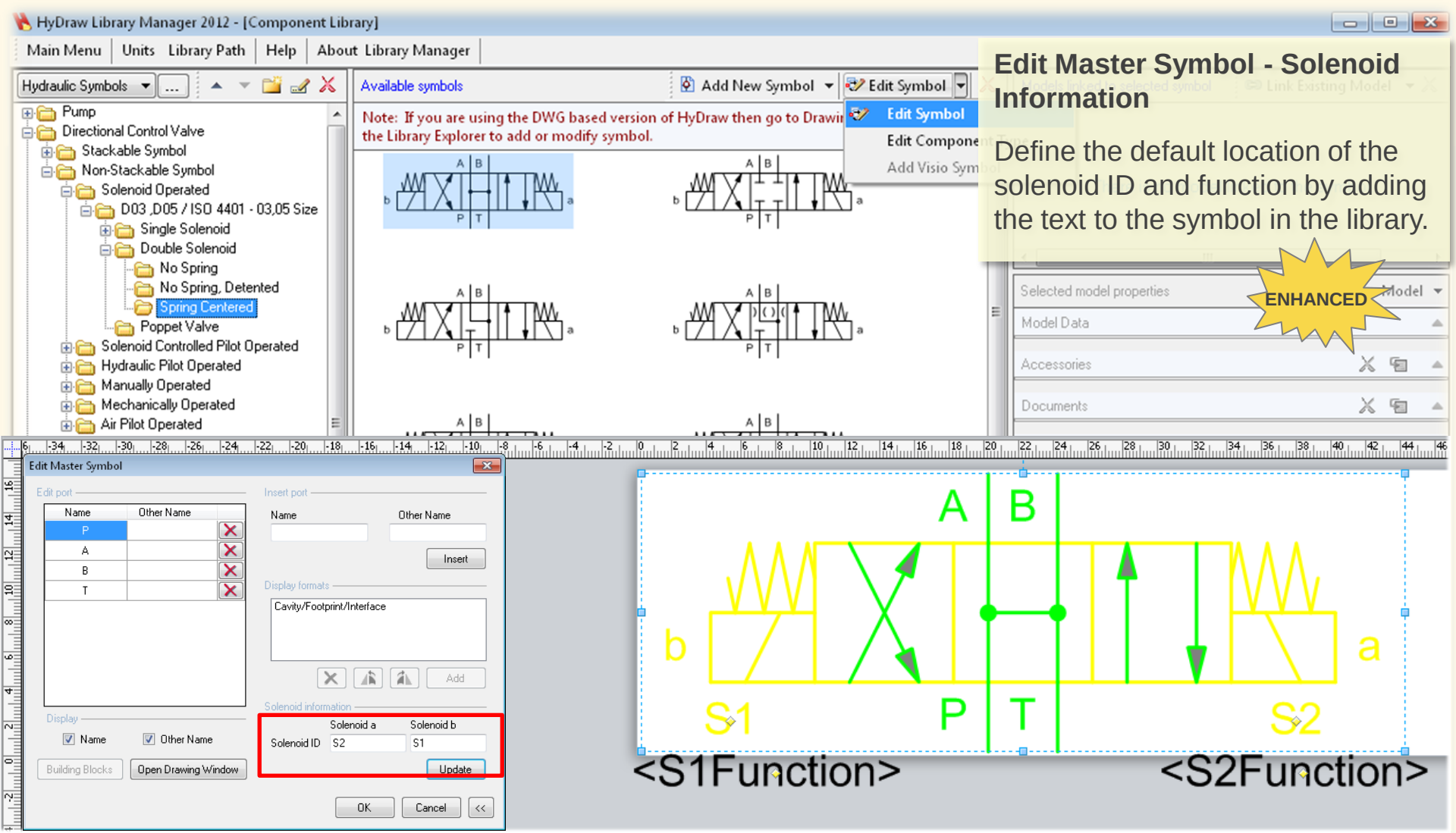
NEW



Edit Master Symbol - Solenoid Information

Define the default location of the solenoid ID and function by adding the text to the symbol in the library.

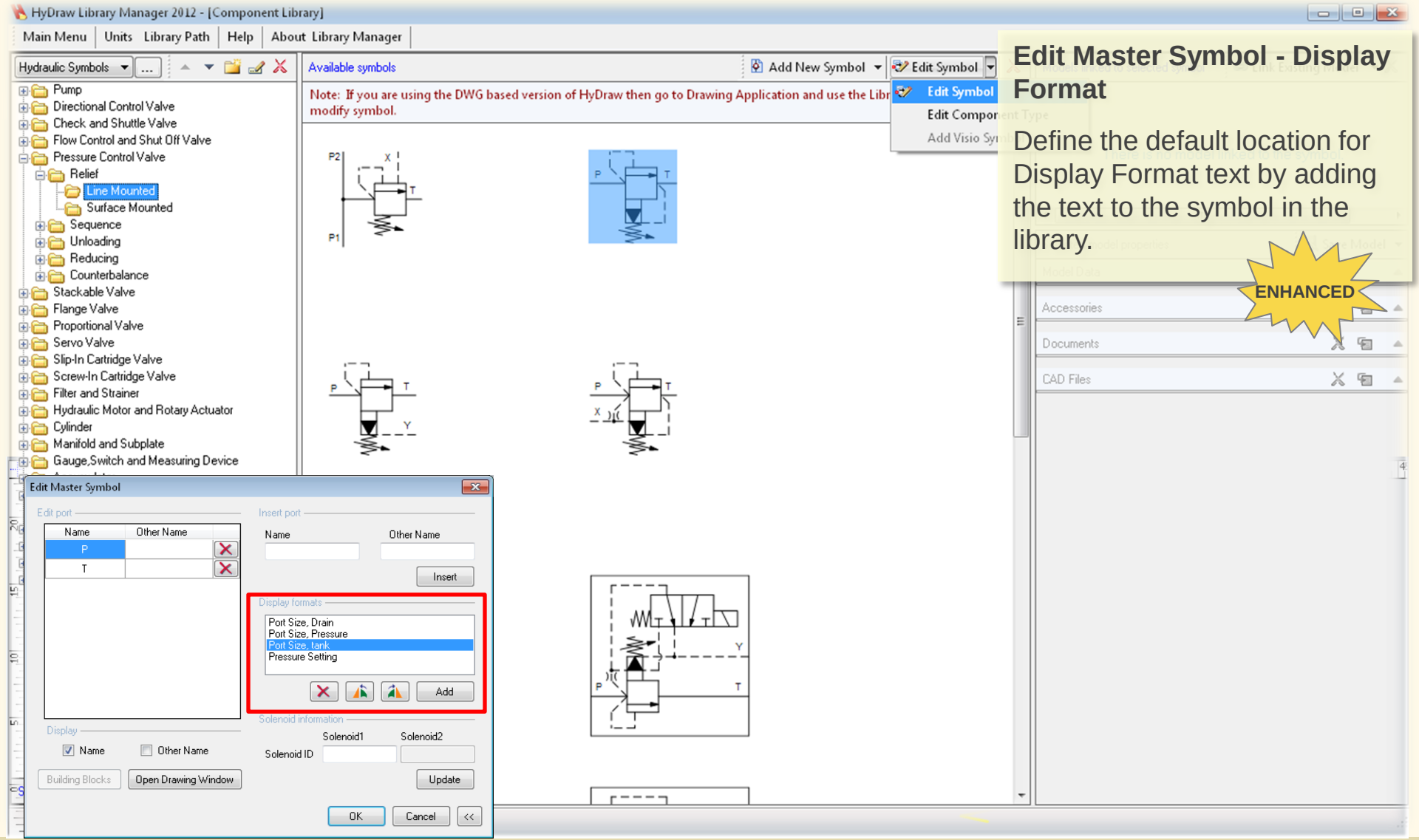
ENHANCED



Edit Master Symbol - Display Format

Define the default location for Display Format text by adding the text to the symbol in the library.

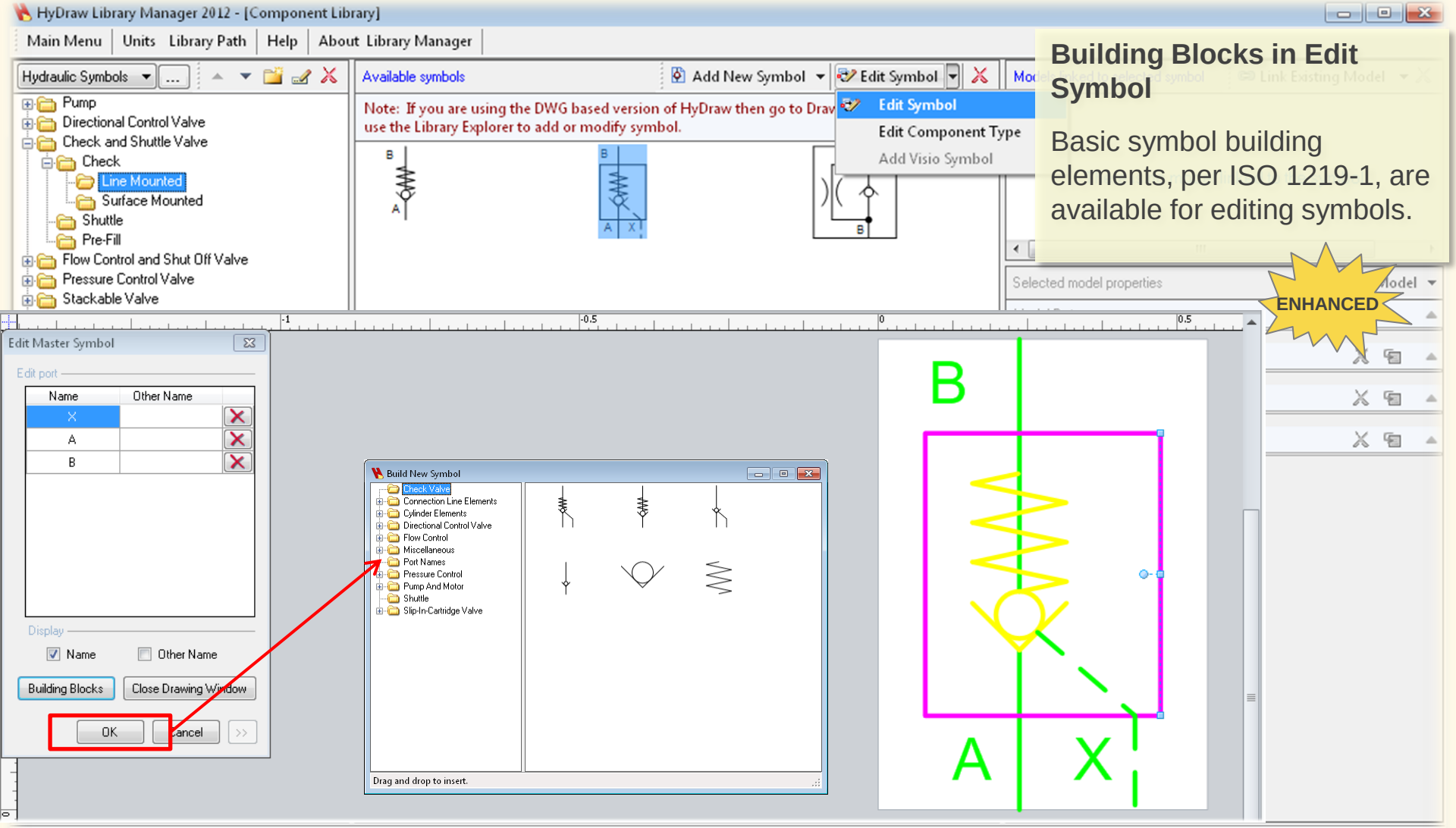
ENHANCED



Building Blocks in Edit Symbol

Basic symbol building elements, per ISO 1219-1, are available for editing symbols.

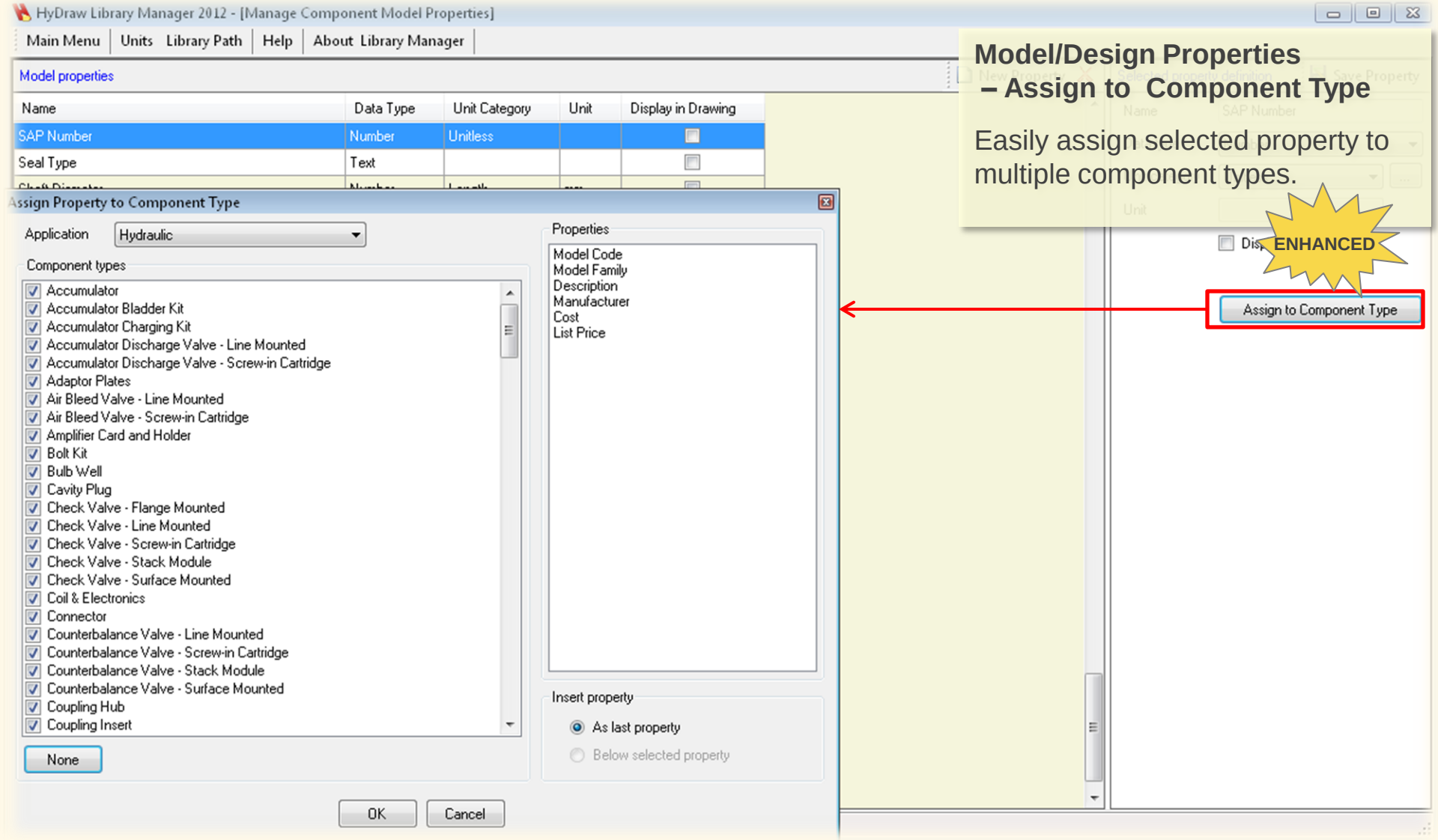
ENHANCED



Model/Design Properties – Assign to Component Type

Easily assign selected property to multiple component types.

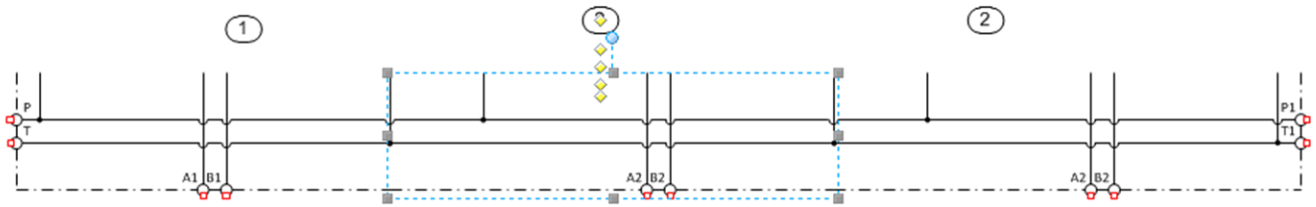
ENHANCED



New Component Type - None

Create components with the ‘None’ Component type. Symbol with component type ‘None’ is not listed in the Parts list and Property manager.

ENHANCED



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