

HYDROVALVES

Instructions for use

Metalska industrija Varaždin d.d.

Fabijanska 33

42000 Varaždin



	DOCUMENTED PROCEDURE	Document:	MIV HV-MP
	Instructions for use MIV HYDROVALVES	Edition:	1
		Revision nr.:	00
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Introduction

Hydrovalves[®] *MIVsystem v3.0* is a 2D program for waterworks fittings made of ductile cast iron parametric drawing. All fitting parts dimensions are according to EN norms and standards. In addition, description of product elements is also enabled. The program runs in the environment of AutoCAD (in ACAD version 2007 or later). The program contains the standard production program of Metalska industrija Varaždin. In case of need of some parts and elements that are not found in the standard program, please contact our technical service department at one of these e-mail:

matija.pozder@miv.hr

Programs required:

- AutoCAD 2007 or later

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MIV HYDROVALVES application start

NOTE: During first application start of MIV HYDROVALVES it is needed to:

1. Fill in „netload“
2. Select file: „*HydrovalvesMivLib.dll*“
3. Fill in: „*hydrovalves_show*“
4. Go to “Help” → “Check for updates” and update the application
5. Go to “Options” → “Language” → English

During program start of AutoCAD, „MIV HYDROVALVES“ application is located on the left site of the worksheet (cf. Fig. 1)

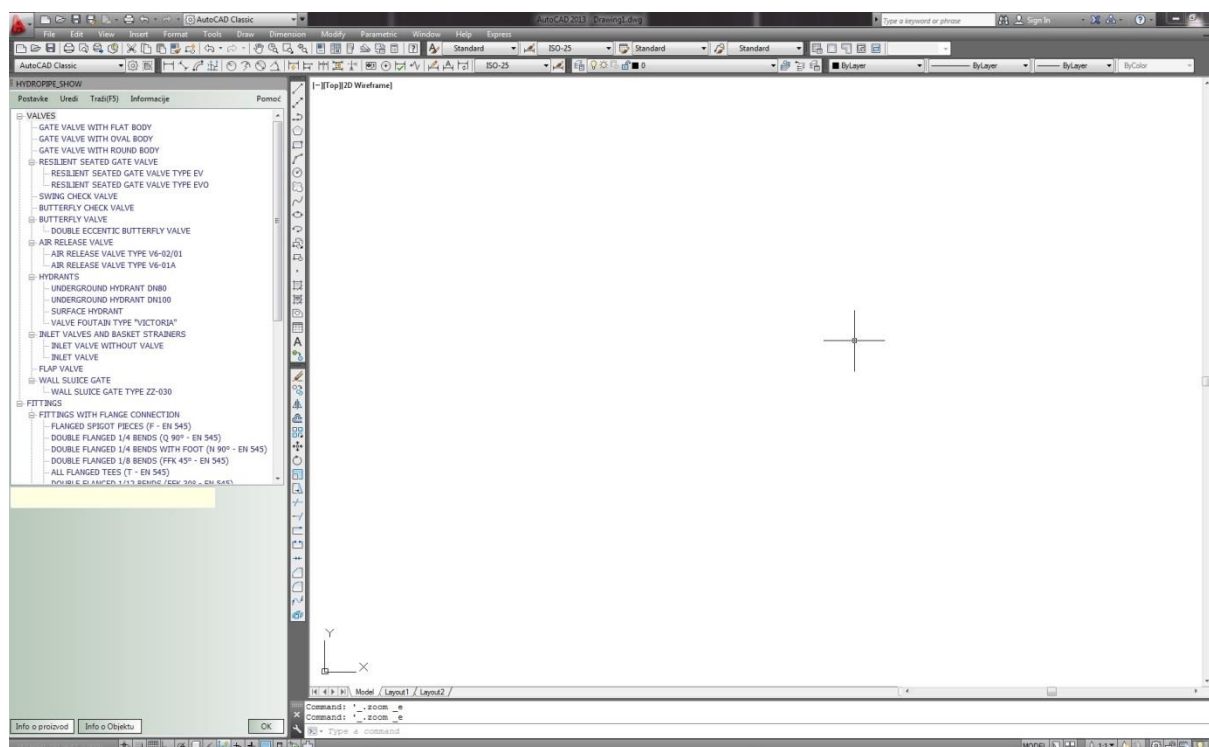



Figure 1

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Product selection

Product selection can be done manual (cf. Fig 2) or using browser. There are two main groups of products. „VALVES“ and „FITTINGS“.

During product selection (e.g. GATE VALVE → GATE VALVE DN100 PN10) three product positions are available on the screen menu (cf. Fig 3)

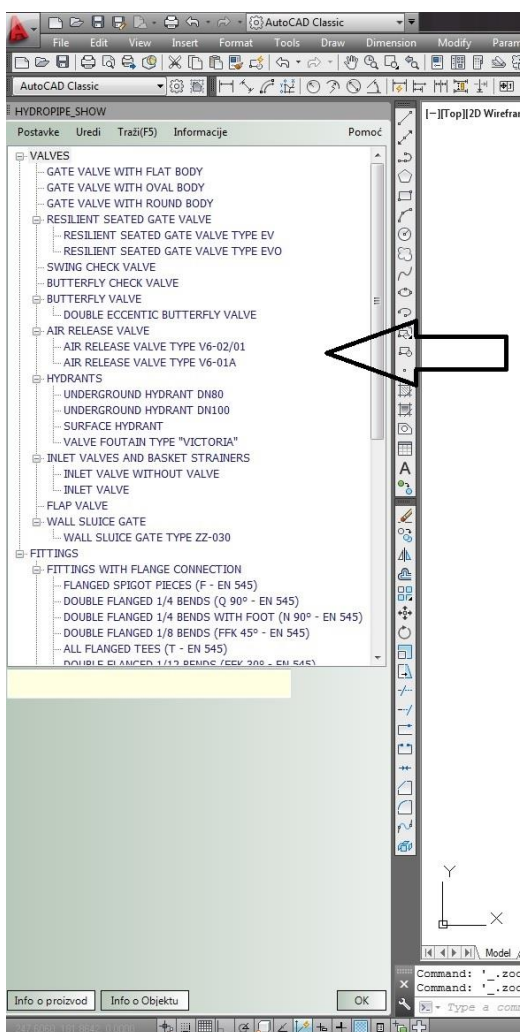


Figure 2

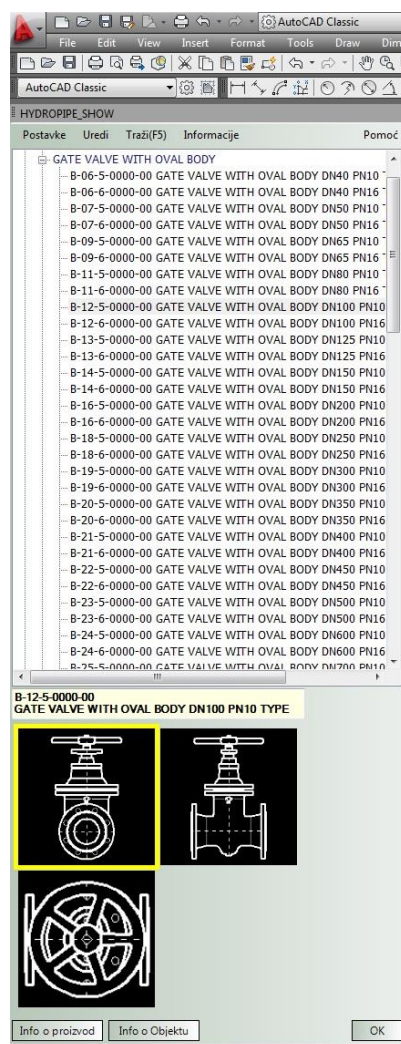



Figure 3

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Product description

For product information click on „Product info“ to open info menu (cf. Fig 4)

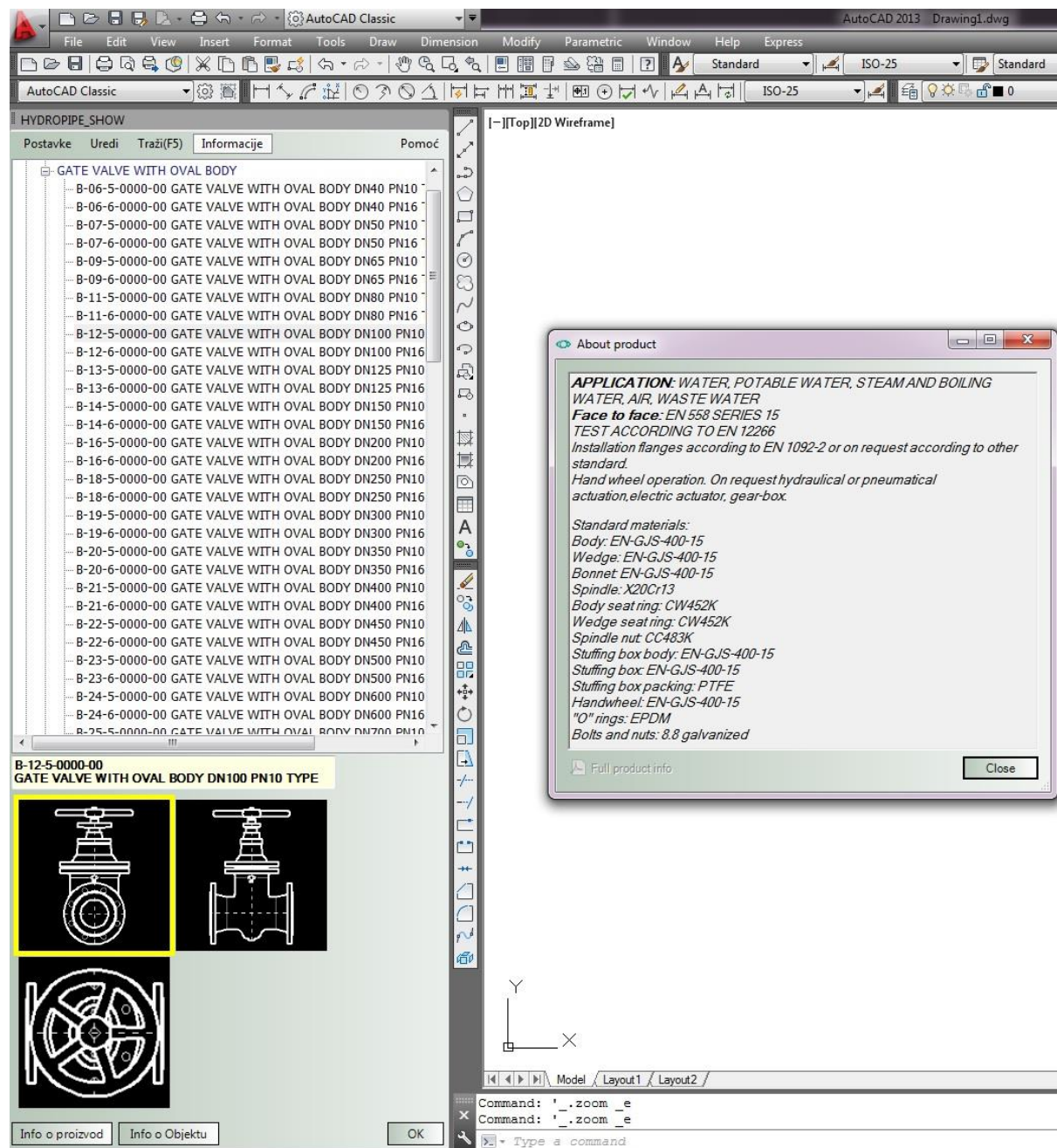



Figure 4

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Search database

Clicking on „Search“ in the menu or on „F5“ button on the keyboard, search window opens (cf. Fig 5).

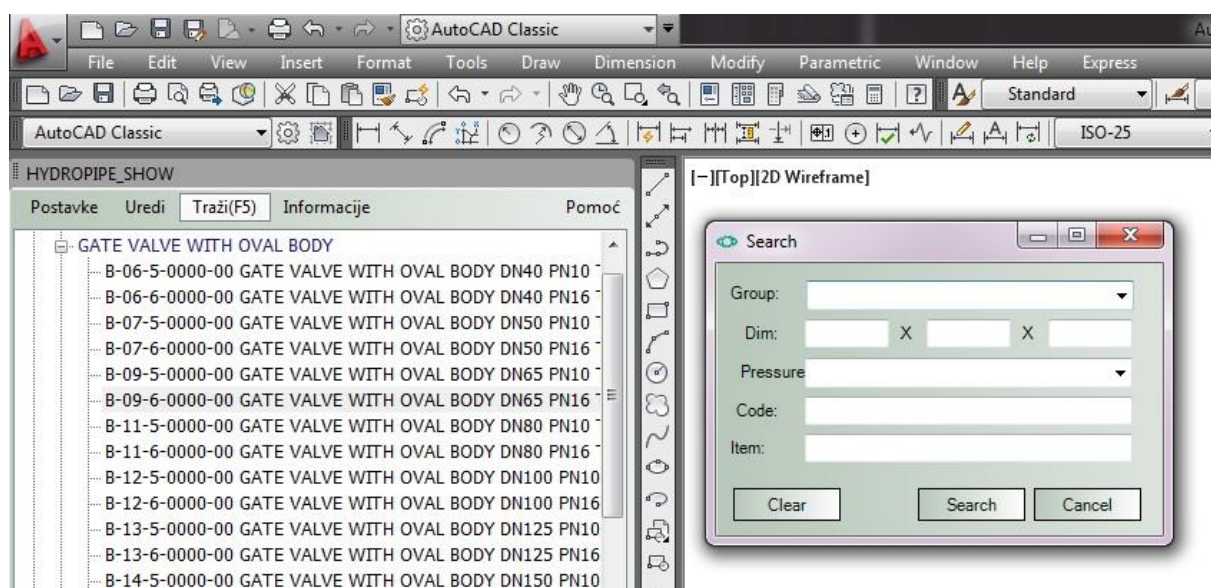



Figure 5

When searching, fill the *Group* box in the search window, then fill *Dim* box and *Pressure* box. In case of selecting the valve as *Group* fill only the first *Dim* box with nominal diameter, and then fill the *Pressure* box.

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Inserting the product in the worksheet

After selecting a product as shown in Figure 3, select the view required. By clicking on one of the views, they are marked by a yellow frame. Before inserting the product, draw the pipeline direction on the worksheet (*cf. Figure 6*)

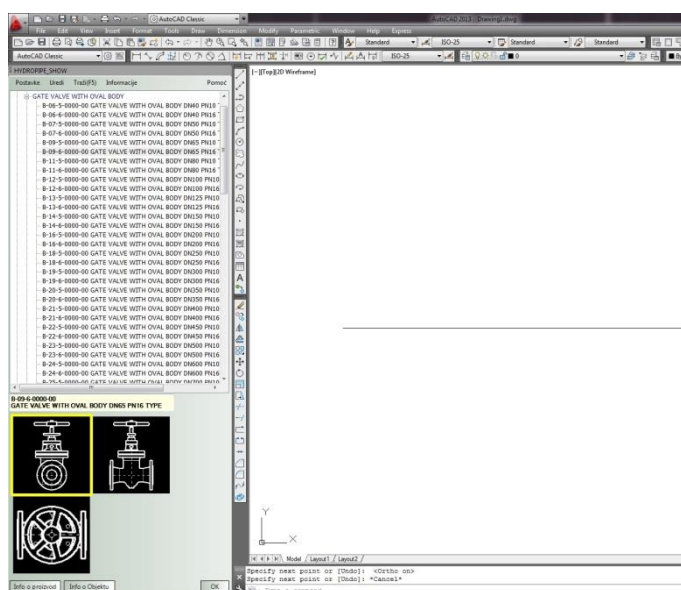


Figure 6

After clicking the "OK" button, display box appears on the screen that asks you to select the pipeline direction. After selecting the "ENTER", on the desktop appears the requested product (*cf. Fig 7*).

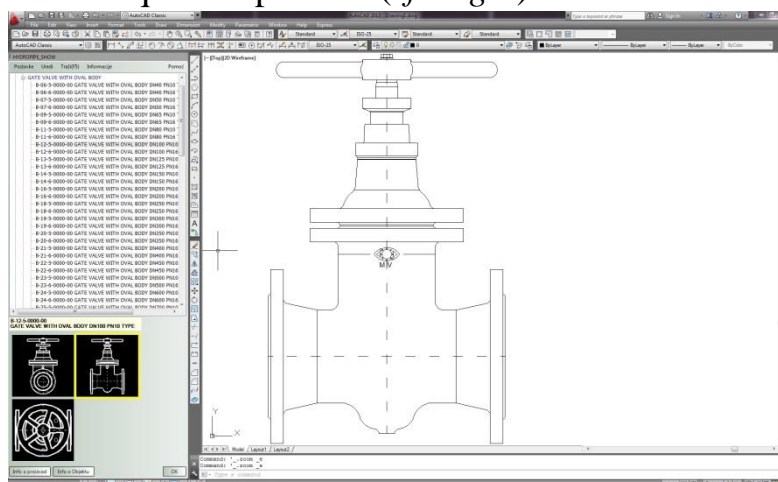



Figure 7

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Connecting products in the pipeline

To set the pipeline on the valve, it is necessary to draw a preferred direction of the pipeline. Then select the product and repeat insert procedure for the product in the worksheet (*cf. Fig 8*)

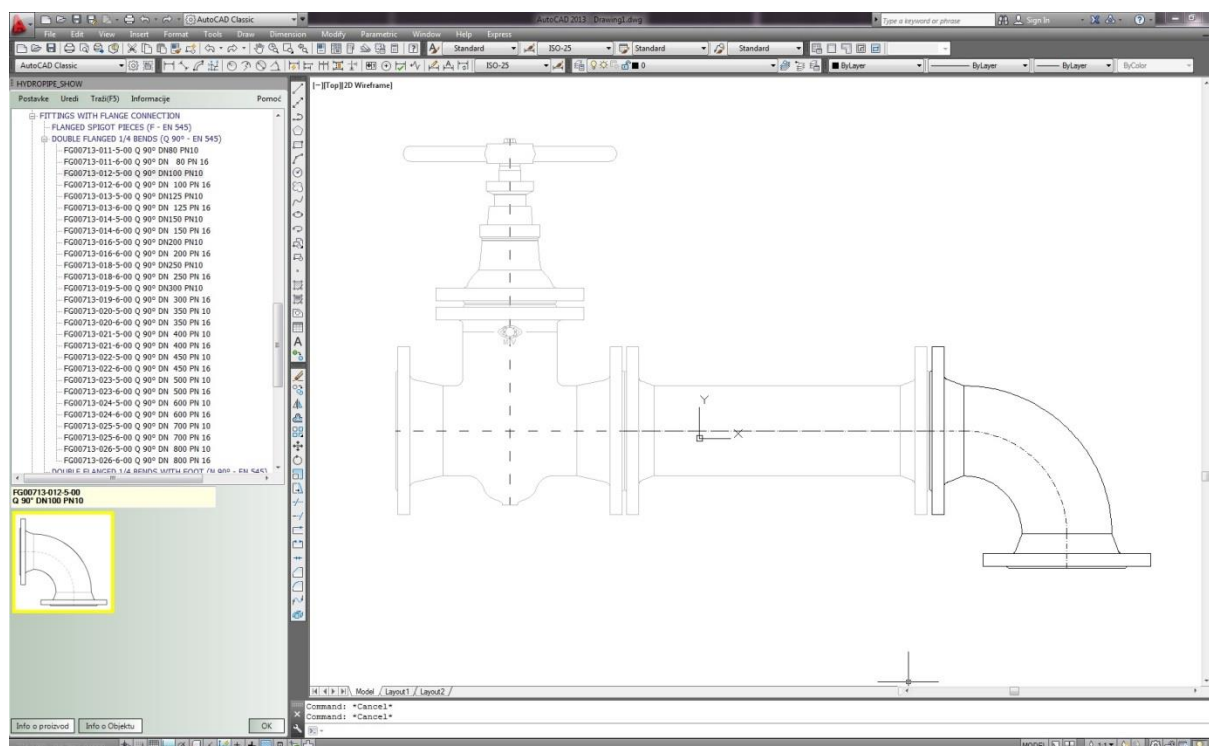



Figure 8

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Create a table

To create a table of products from the worksheet, click in the MIV hydrovalves drop-down menu on "Edit" and then choose "Create Table". After that, the program asks you to select a range of products from which you want to create a table. When you mark a product, you need to select a starting point for creating tables, which will then appear in the working window (*cf. Fig 9*).

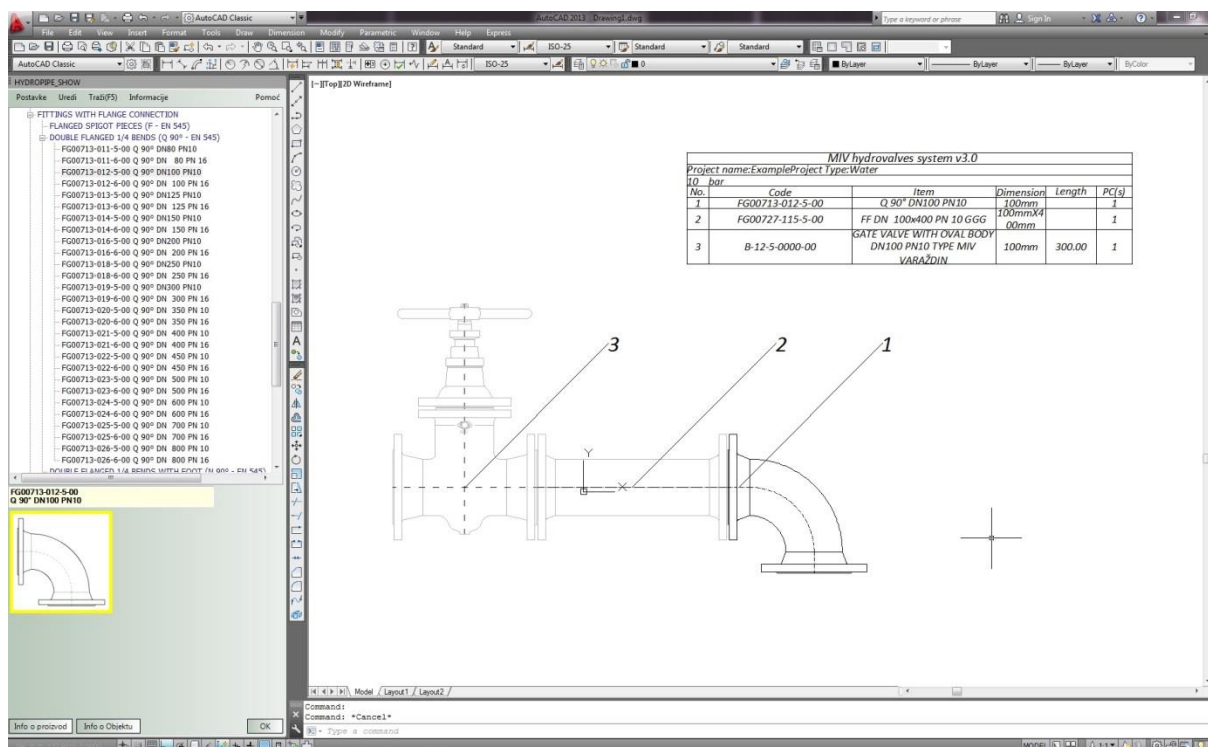

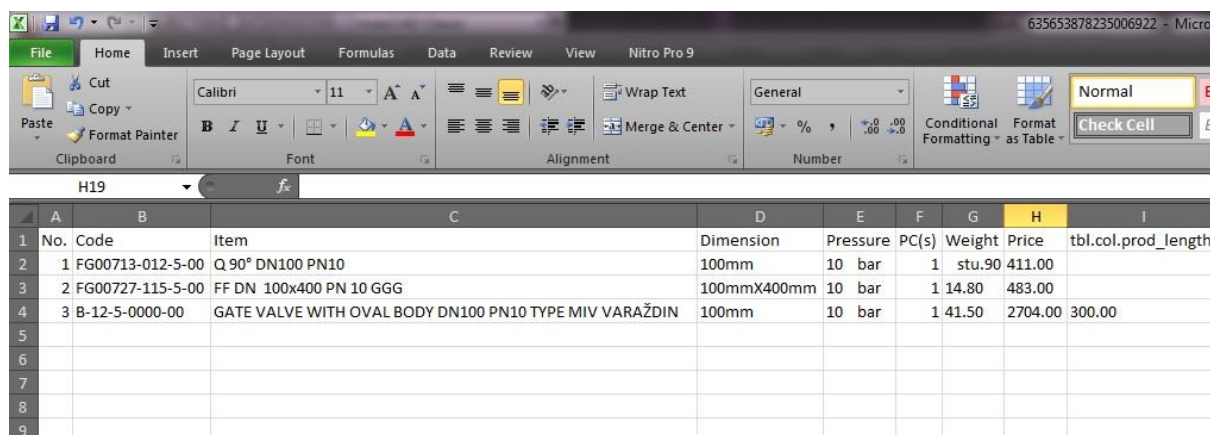


Figure 9

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Export the table into Excel Worksheet

After creating the table, click on the MIV hydrovalves drop down menu, tab "Edit", and choose "Export table in CVS". This action automatically opens Excel Worksheet with product information that can be edited as needed (*cf. Fig 10*).



No.	Code	Item	Dimension	Pressure	PC(s)	Weight	Price	tbl.col.prod_length
1	FG00713-012-5-00	Q 90° DN100 PN10	100mm	10 bar	1	stu.90	411.00	
2	FG00727-115-5-00	FF DN 100x400 PN 10 GGG	100mmX400mm	10 bar	1	14.80	483.00	
3	B-12-5-0000-00	GATE VALVE WITH OVAL BODY DN100 PN10 TYPE MIV VARAŽDIN	100mm	10 bar	1	41.50	2704.00	300.00

Figure 10

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Program MIV HYDROVALVES can be free downloaded on our web - site:

www.miv.hr

Thank you for using MIV HYDROVALVES application. We look forward for further cooperation.

Metalska industrija Varaždin d.d.