



# DIMENSIONAL AND WEIGHT DRAWINGS

V12/sro	2004-09-01	V12/lf	V12/di	2004-09-10	IFR	FIRST ISSUE / FINAL ISSUE			
Name	Date	Name	Name	Date	Status				
Prepared, revised		Checked	Approved			Remark, kind of revision			
<div>Contractor:</div> <div> PETROCHEMICAL INDUSTRIES DESIGN &amp; ENGINEERING CO. شرکت طراحی و مهندسی صنایع پتروشیمی</div>						Owner Project No:	Contractor Order No:	Q.L.	DCC
						232000	1182-POR-IN-644	-	-
							Vendor Order Ref.		
						616 100			
mg engineering Lurgi		Project Name			Lurgi Doc. No.		Vendor Doc. No.	Sheet / of	Revision
		2nd ZAGROS METHANOL PLANT					SAM-150	1 / 107	00

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SIGNATURE DATE

THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3251 with flowdivider I  
 Valve Style: Globe  
 Valve Size: 2 inch  
 Pressure Rating: Class 600  
 Flange Form: RF-SF  
 Actuator Type: 3277  
 Actuator Size: 700  
 Weight (kg): 92

616 100

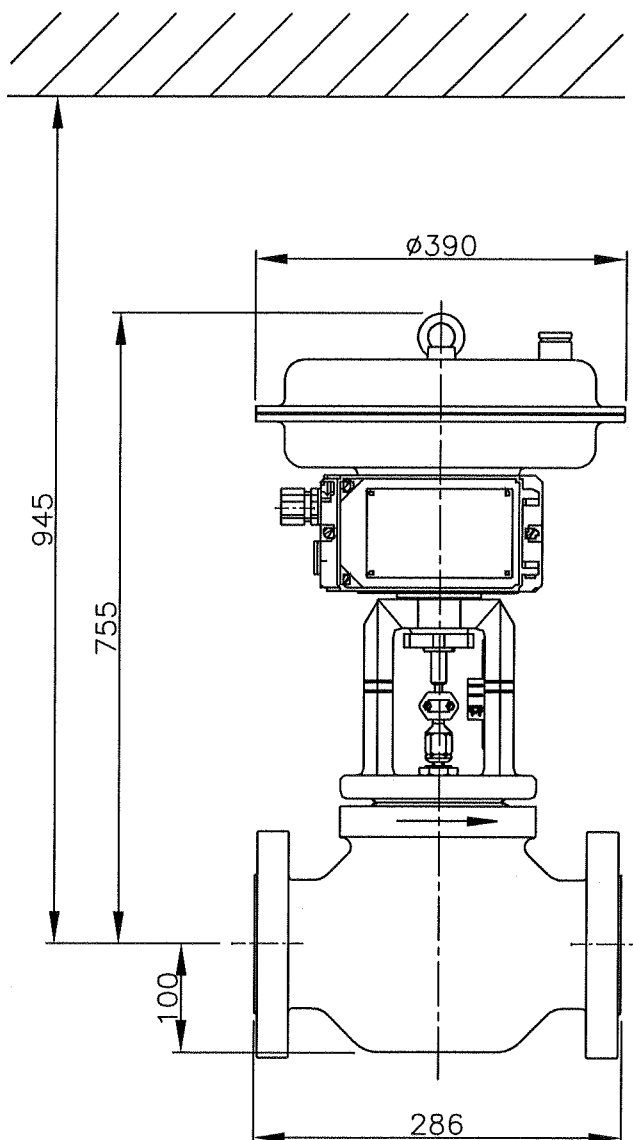
Vendor Order Reference

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 Fax: +49 69 40 09-1791  
 Internet: http://www.samson.de

VENDOR  
 DOC. NO.



All dimensions in mm (no scale)

3					
2					
1					
0	2004-08-25	Issued for review	V12/mst	V12/lr	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER :



NATIONAL PETROCHEMICAL COMPANY  
 ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT :

2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
 DESIGN & ENGINEERING COMPANY  
 شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDEC PROJ. NO. 1182		

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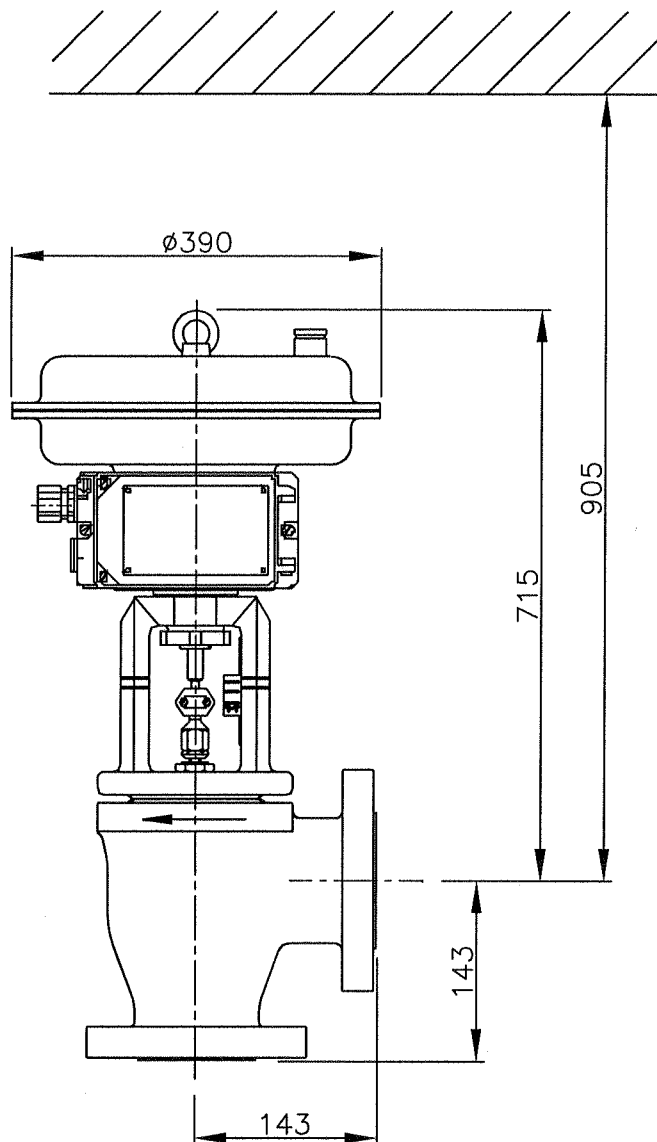
Valve Type:	3256
Valve Style:	Angle Valve
Valve Size:	2 inch
Pressure Rating:	Class 600
Flange Form:	RF-SF
Actuator Type:	3277
Actuator Size:	700
Weight (kg):	86

616 100  
Vendor Order Reference

Tag No.: FV-100406



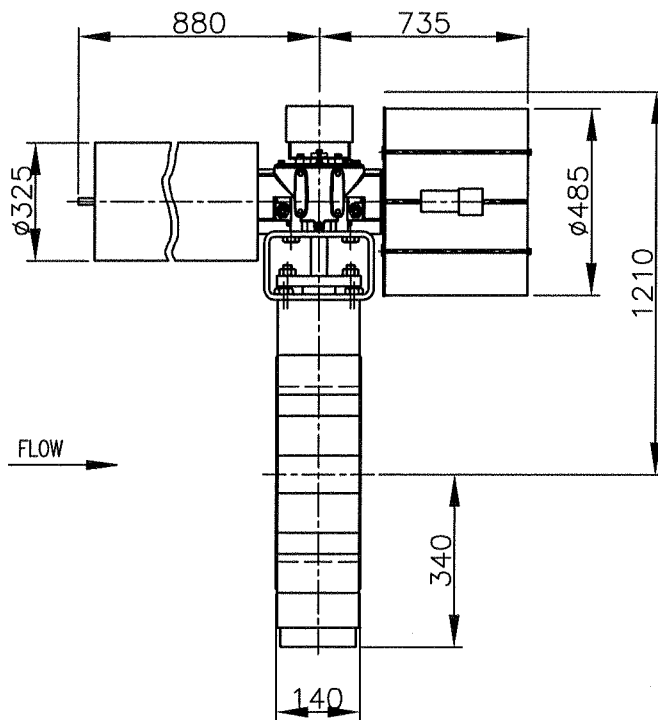
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OWNER : NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس					
PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT					
<b>PIDEC</b> PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی			<b>engineering Lurgi</b>		
TITLE : Pneumatic control valve					
SCALE : NO		ZPC PROJ. NO. 232000		DWG. NO.	
SHT : 1		PIDEC PROJ. NO. 1182		REV 0	

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Valve Type: LDE  
Valve Style: Butterfly Valve  
Valve Size: 12 inch  
Pressure Rating: Class 600  
Flange Form: Lug-Type RF-SF  
Actuator Type: GP-085-385/C3  
Actuator Size: .  
Weight (kg): 570

616 100  
Vendor Order Reference

Tag No.: FV-100416



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VENDOR  
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All dimensions in mm (no scale)

3					
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OWNER :



NATIONAL PETROCHEMICAL COMPANY  
ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDEC PROJ. NO. 1182		

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Valve Type: LDE  
Valve Style: Butterfly Valve  
Valve Size: 8 inch  
Pressure Rating: Class 600  
Flange Form: Lug-Type RF-SF  
Actuator Type: RC280DAM+HW  
Actuator Size: .  
Weight (kg): .

616 100

Vendor Order Reference

Tag No.: FV-100428



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2					
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PROJECT :

2nd ZAGROS MEGAMETHANOL PROJECT



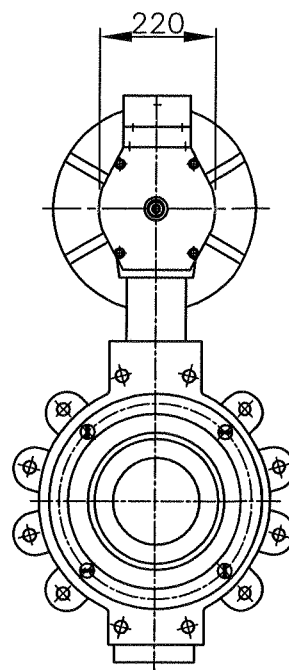
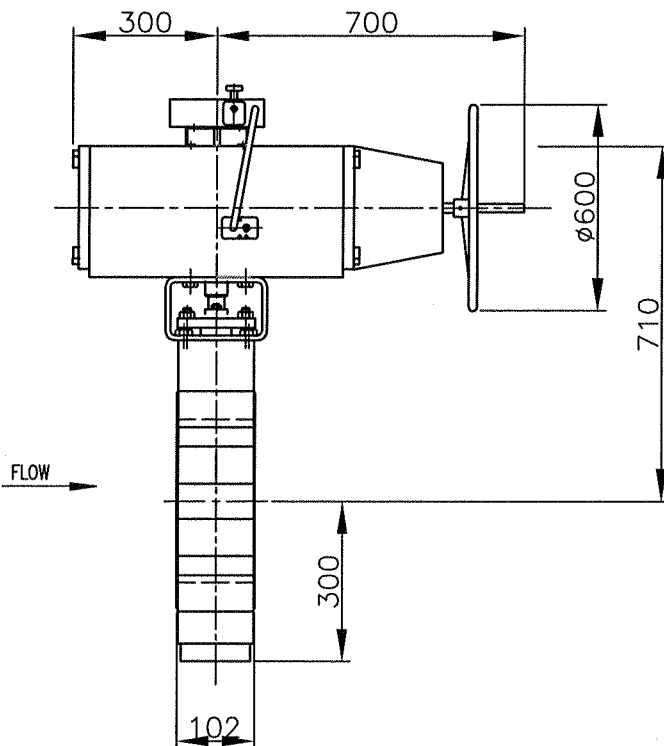
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**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDEC PROJ. NO. 1182		



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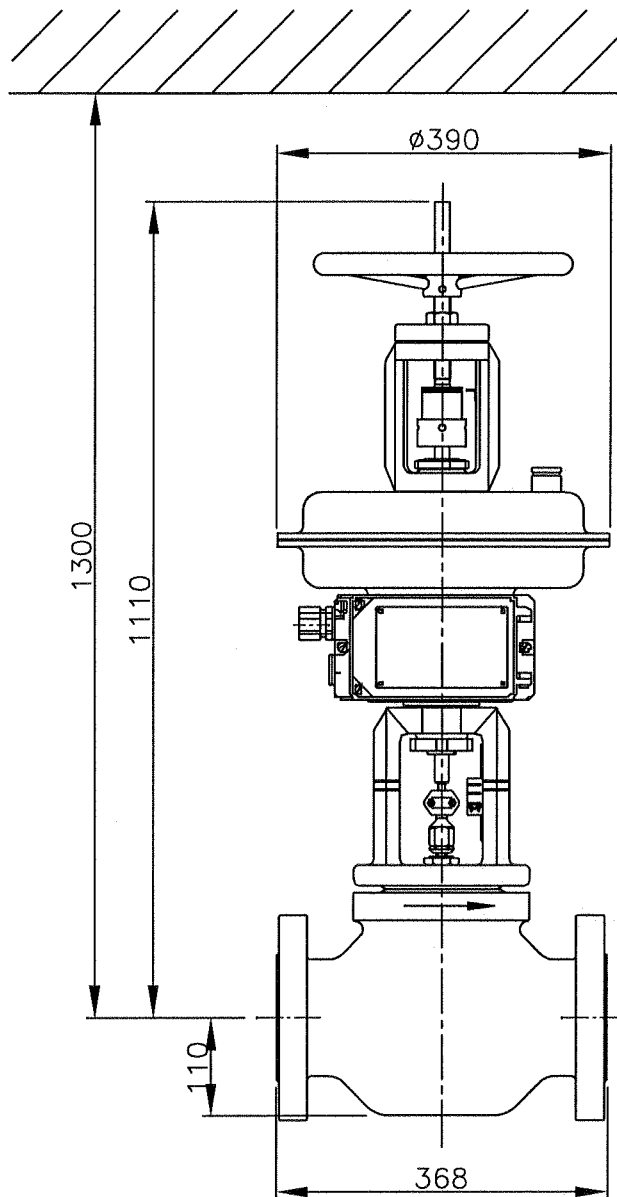
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3251  
 Valve Style: Globe  
 Valve Size: 2 inch  
 Pressure Rating: Class 900  
 Flange Form: RF-SF  
 Actuator Type: 3277  
 Actuator Size: 700  
 Weight (kg): 130

616 100  
 Vendor Order Reference  
 Tag No.: FV-100429

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All dimensions in mm (no scale)

3					
2					
1					
0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
OWNER : NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس					
PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT					
 PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی			 engineering Lurgi		
TITLE : Pneumatic control valve					
SCALE : 1/10		ZPC PROJ. NO. 232000		DWG. NO.	
SHT : 1		PIDE PROJ. NO. 1182		REV 0	

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SIGNATURE DATE

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Valve Type: 3241 with flowdivider I  
Valve Style: Globe  
Valve Size: 6 inch  
Pressure Rating: Class 300  
Flange Form: RF-SF  
Actuator Type: 3277  
Actuator Size: 700  
Weight (kg): 148

616 100

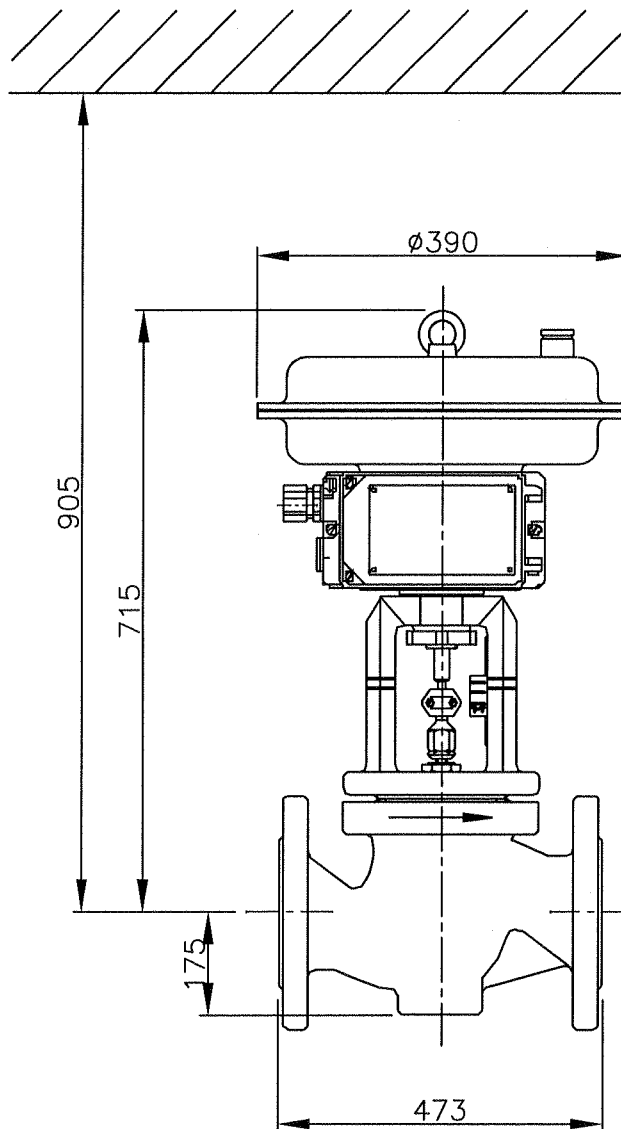
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Tag No.: FV-100512



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VENDOR  
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All dimensions in mm (no scale)

3					
2					
1					
0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
OWNER : NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس					
PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT					
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی			engineering Lurgi		
TITLE : Pneumatic control valve					
SCALE : NO		ZPC PROJ. NO. 232000	DWG NO.		REV
SHT :		PIDEC PROJ. NO. 1182			0

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Valve Type: 3254 insulating section  
 Valve Style: Globe  
 Valve Size: 8 inch  
 Pressure Rating: Class 900  
 Flange Form: RF-SF  
 Actuator Type: 3271  
 Actuator Size: 1400  
 Weight (kg): 872

616 100

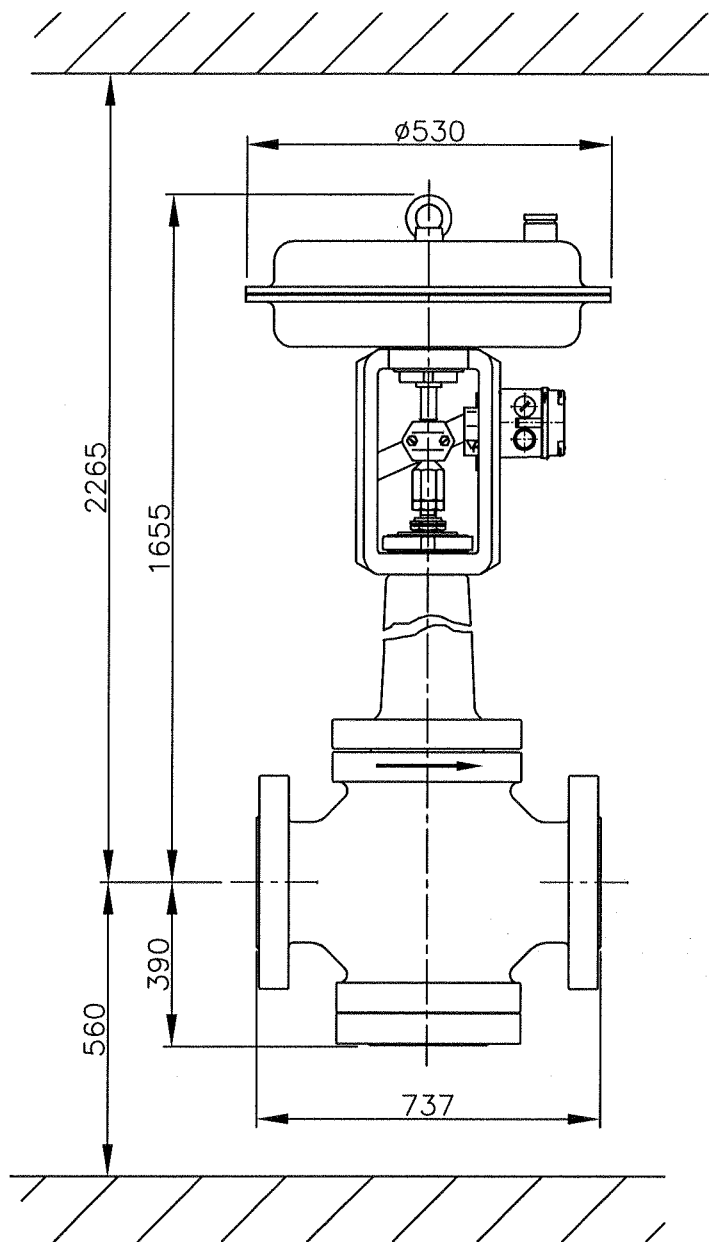
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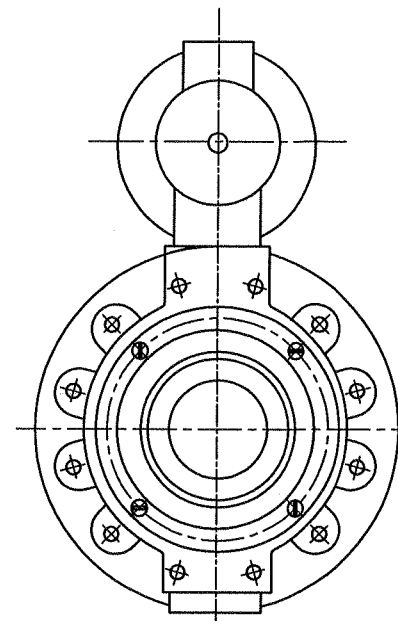
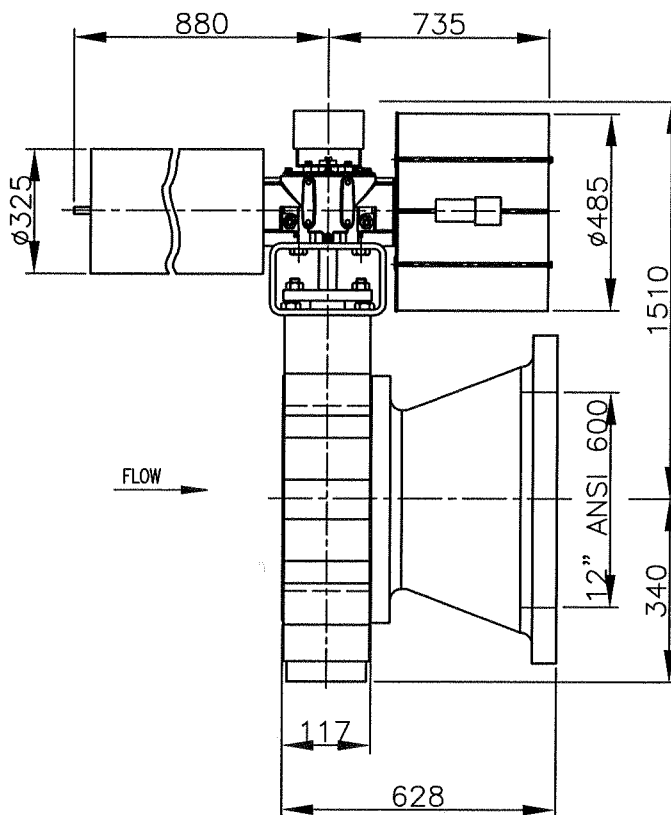


All dimensions in mm (no scale)



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0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
OWNER : NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT					
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی					
TITLE : Pneumatic control valve					
SCALE : 1/10		ZPC PROJ. NO. 232000	DWG. NO.		REV
SHT : 1		PIDE PROJ. NO. 1182			0

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SIGNATURE	DATE
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.	
Valve Type: LDE	
Valve Style: Butterfly Valve	
Valve Size: 10 inch	
Pressure Rating: Class 600	
Flange Form: Lug-Type RF-SF	
Actuator Type: GP-085-385/C3	
Actuator Size:	
Weight (kg): 740	
616 100	
Vendor Order Reference	
Tag No.: FV-100805	
 <b>SAMSON AG</b> Mess- und Regeltechnik Weltermsenstrasse 3 D-40534 Frankfurt am Main Phone: +49 69 40 05-0 Fax: +49 69 40 05-1701 Internet: http://www.samson.de	
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OWNER : NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس					
PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT					
 PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی					
TITLE : Pneumatic control valve					
SCALE : NO		ZPC PROJ. NO. 232000	DWG NO.		REV
SHT :		PIDEC PROJ. NO. 1182			0



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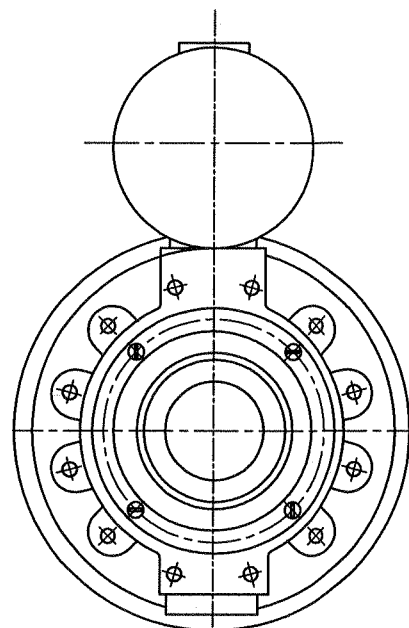
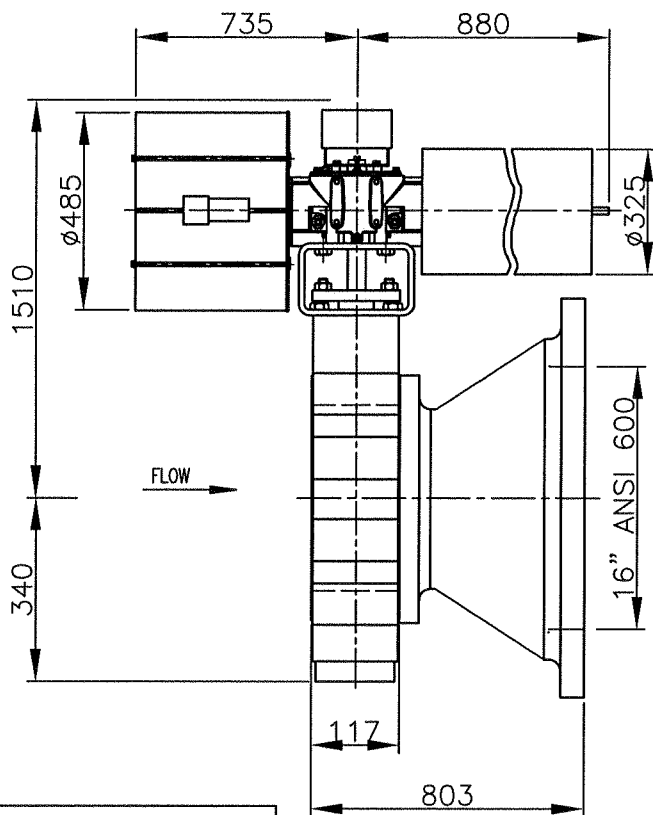
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: LDE  
 Valve Style: Butterfly Valve  
 Valve Size: 10 inch  
 Pressure Rating: Class 600  
 Flange Form: Lug-Type RF-SF  
 Actuator Type: GP-085-385/C3  
 Actuator Size: .  
 Weight (kg): 890

616 100  
 Vendor Order Reference  
 Tag No.: FV-100807

**SAMSON AG**  
 Mess- und Regeltechnik  
 Welschmiedestraße 3  
 D-40034 Frankfurt am Main  
 Phone: +49 69 40 00-0  
 Fax: +49 69 40 00-1791  
 Internet: http://www.samson.de

VENDOR  
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All dimensions in mm (no scale)

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0	2004-08-25	Issued for review	V12/mst	V12/f	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER : NATIONAL PETROCHEMICAL COMPANY  
 ZAGROS PETROCHEMICAL COMPLEX  
 شرکت پتروشیمی زاگرس  
 PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

**PIDEC** PETROCHEMICAL INDUSTRIES  
 DESIGN & ENGINEERING COMPANY  
 شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE : Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDEC PROJ. NO. 1182		

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**DISPOSITION**

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Valve Type:	3251/insul. with flowd. III
Valve Style:	Globe
Valve Size:	6 inch
Pressure Rating:	Class 600
Flange Form:	RF-SF
Actuator Type:	3271
Actuator Size:	2800
Weight (kg):	937

616 100  
Vendor Order Reference

Tag No.: FV-100825



 **SAMSON AG**  
Mess- und Regeltechnik  
Völknerstrasse 3  
D-60314 Frankfurt am Main  
Phone: +49 69 40 08-0  
Fax: +49 69 40 08-1791  
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REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

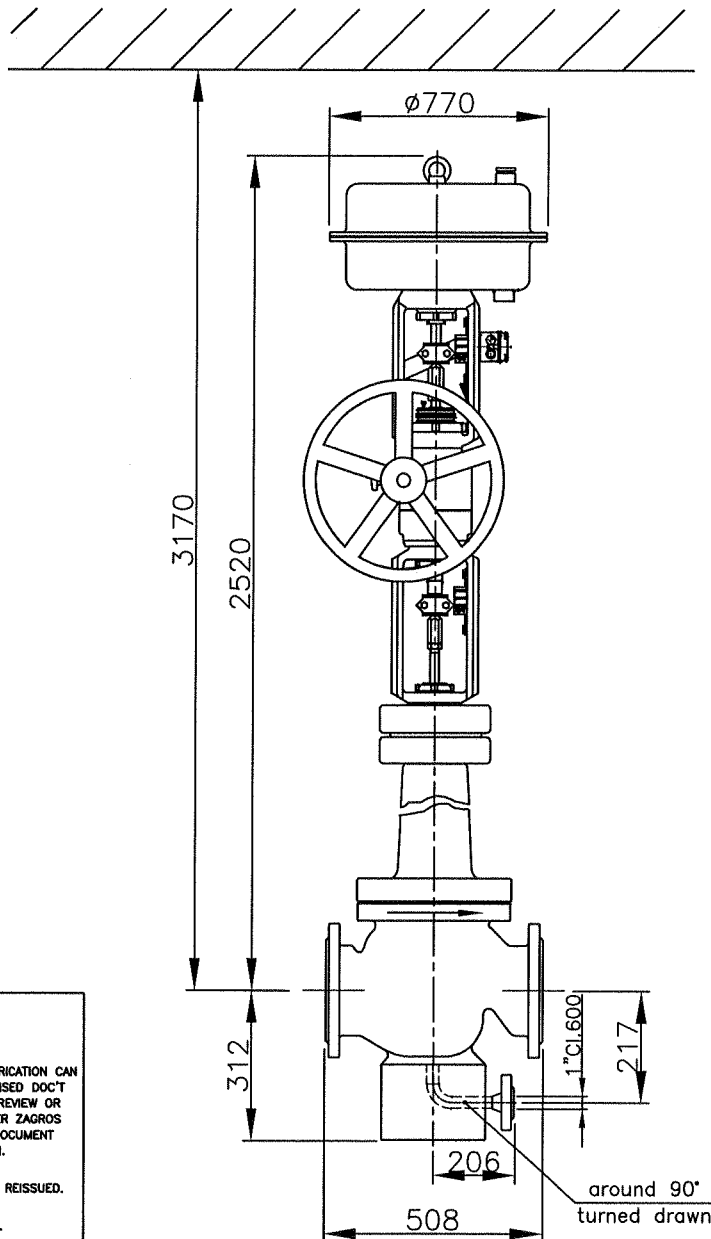
OWNER : NATIONAL PETROCHEMICAL COMPANY  
ZAGROS PETROCHEMICAL COMPLEX  
شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

	PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی	
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TITLE : Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDEC PROJ. NO. 1182		



All dimensions in mm (no scale)

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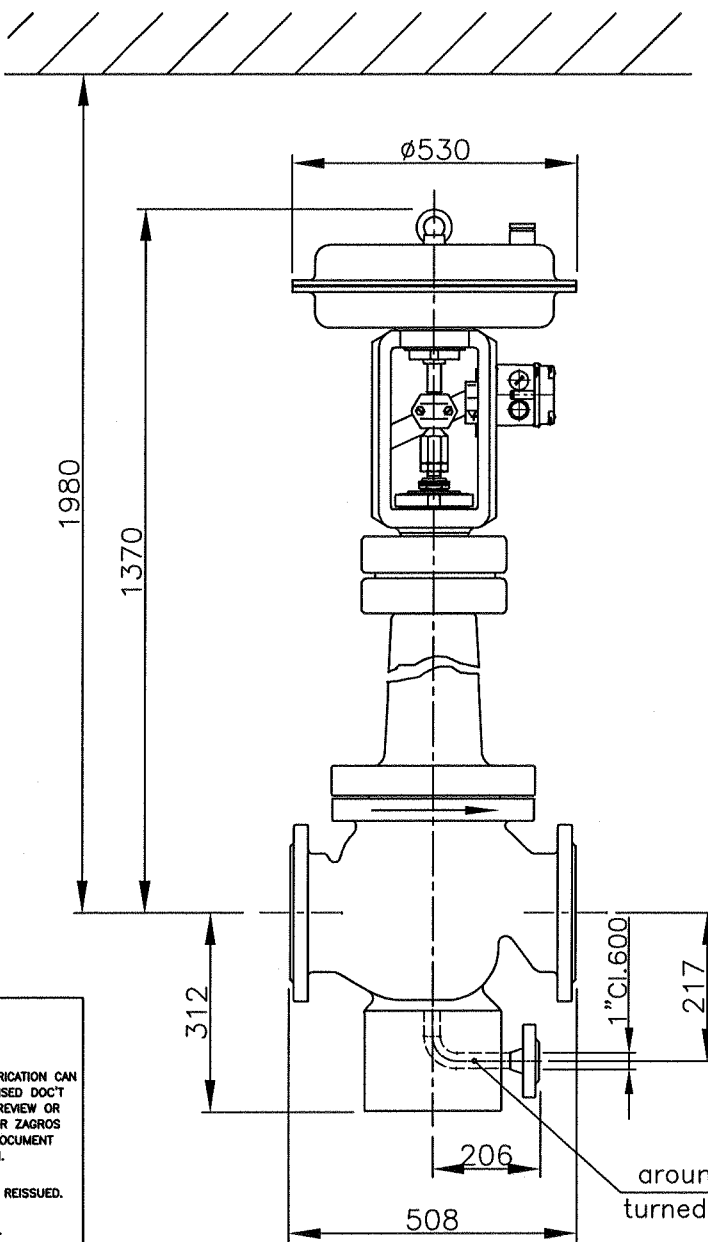
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3251/insul. with flowd. III  
 Valve Style: Globe  
 Valve Size: 6 inch  
 Pressure Rating: Class 600  
 Flange Form: RF-SF  
 Actuator Type: 3271  
 Actuator Size: 1400  
 Weight (kg): 432

616 100  
 Vendor Order Reference  
 Tag No.: FV-100831

**SAMSON AG**  
 Mess- und Regeltechnik  
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 D-68314 Frankfort am Main  
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**PIDEC** PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY  
 شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering Lurgi**

TITLE : Pneumatic control valve

SCALE : 1/10	ZPC PROJ. NO. 232000	DWG. NO.	REV 0
SHT : 1	PIDEC PROJ. NO. 1182		

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Valve Type: 3251  
 Valve Style: Globe  
 Valve Size: 8 inch  
 Pressure Rating: Class 600  
 Flange Form: RF-SF  
 Actuator Type: 3271  
 Actuator Size: 2 x 2800  
 Weight (kg): 1492

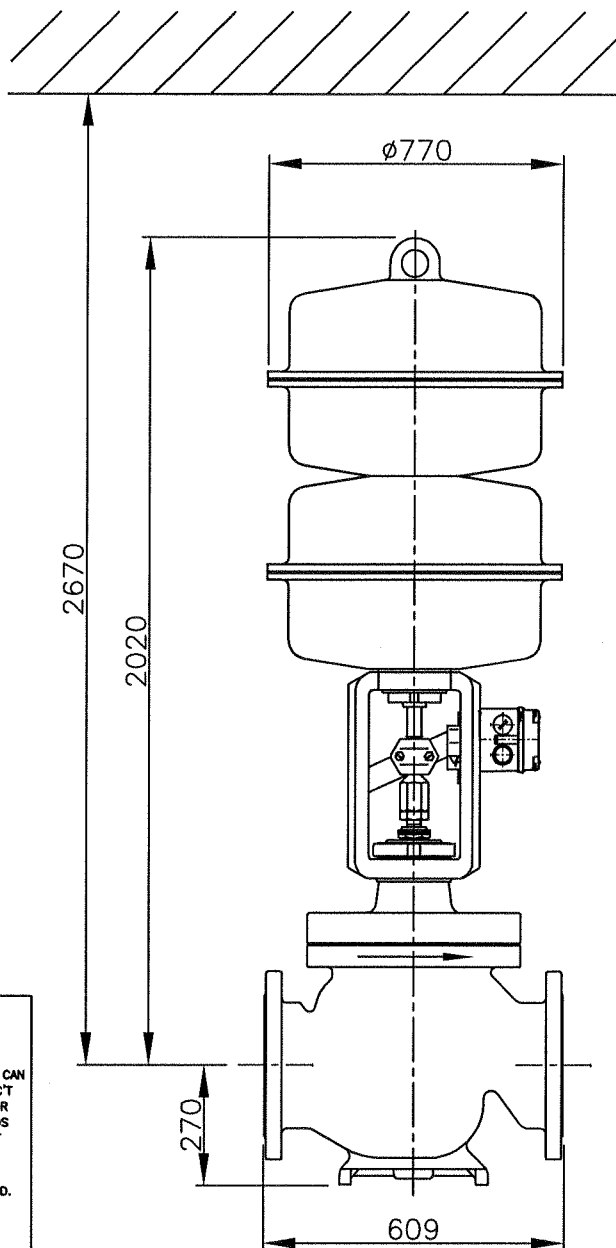
616 100  
 Vendor Order Reference

Tag No.: FV-101019



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VENDOR  
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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT					
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی					
TITLE : Pneumatic control valve					
SCALE : 1/10		ZPC PROJ. NO. 232000		DWG. NO.	
SHT : 1		PIDE PROJ. NO. 1182		REV 0	

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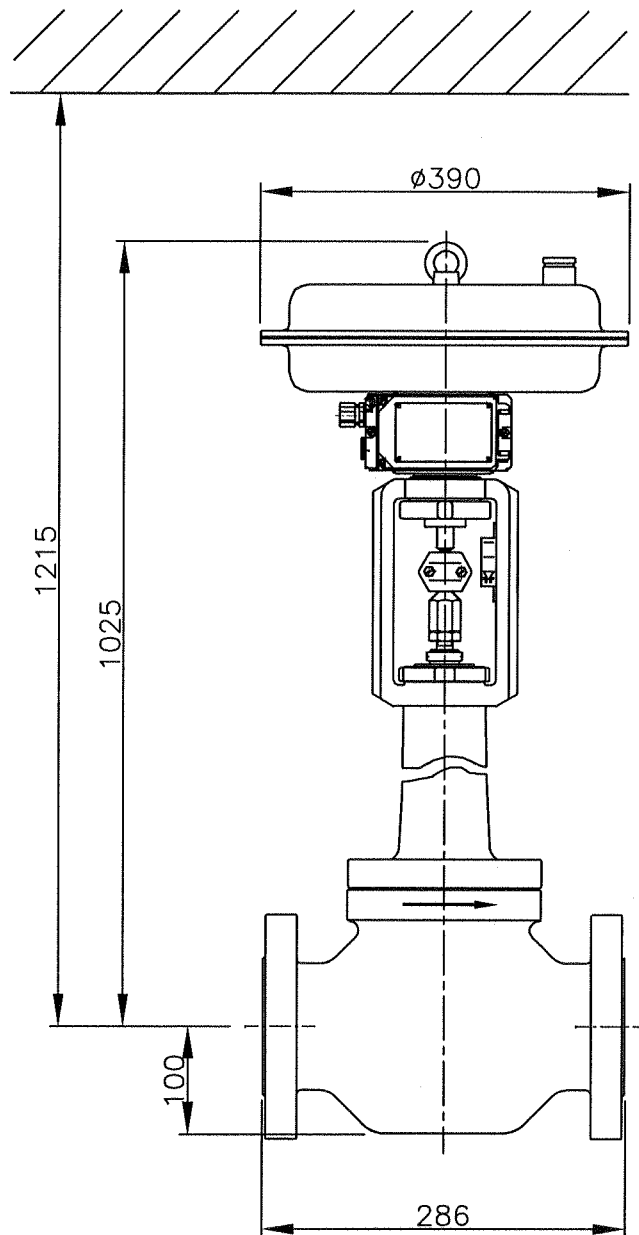
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3251 insulating section  
 Valve Style: Globe  
 Valve Size: 2 inch  
 Pressure Rating: Class 600  
 Flange Form: RF-SF  
 Actuator Type: 3277  
 Actuator Size: 700  
 Weight (kg): 100

616 100  
 Vendor Order Reference  
 Tag No.: FV-101021

**SAMSON AG**  
 Mess- und Regeltechnik  
 Welterstrasse 3  
 D-40314 Frankfurt am Main  
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VENDOR  
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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT					
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی			engineering Lurgi		
TITLE : Pneumatic control valve					
SCALE : 1/10	ZPC PROJ. NO. 232000	DWG. NO.		REV	
SHT : 1	PIDEC PROJ. NO. 1182			0	

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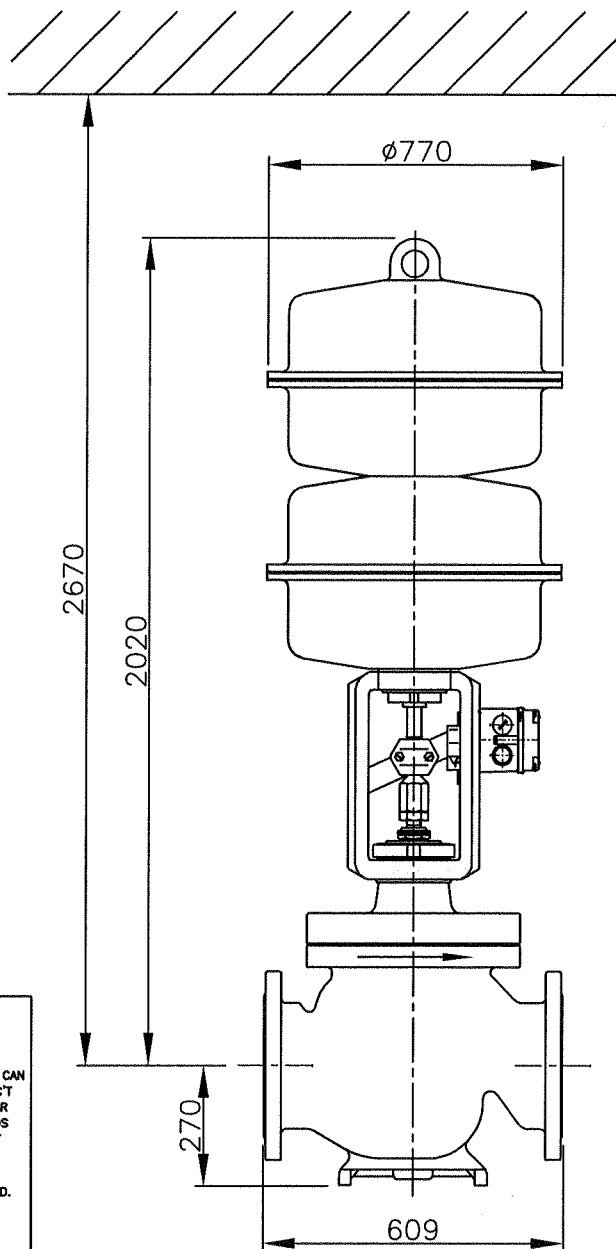
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3251  
 Valve Style: Globe  
 Valve Size: 8 inch  
 Pressure Rating: Class 600  
 Flange Form: RF-SF  
 Actuator Type: 3271  
 Actuator Size: 2 x 2800  
 Weight (kg): 1492

616 100  
 Vendor Order Reference  
 Tag No.: FV-101039

**SAMSON AG**  
 Mess- und Regeltechnik  
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 D-65314 Friedrath am Mah  
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REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
OWNER : NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس					
PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT					
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی			engineering Lurgi		
TITLE : Pneumatic control valve					
SCALE : NO		ZPC PROJ. NO. 232000	DWG NO.		REV
SHT :		PIDEC PROJ. NO. 1182			0

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Valve Type: 3251/insul. with flowd. I  
Valve Style: Globe  
Valve Size: 3 inch  
Pressure Rating: Class 600  
Flange Form: RF-SF  
Actuator Type: 3271  
Actuator Size: 1400  
Weight (kg): 182

616 100

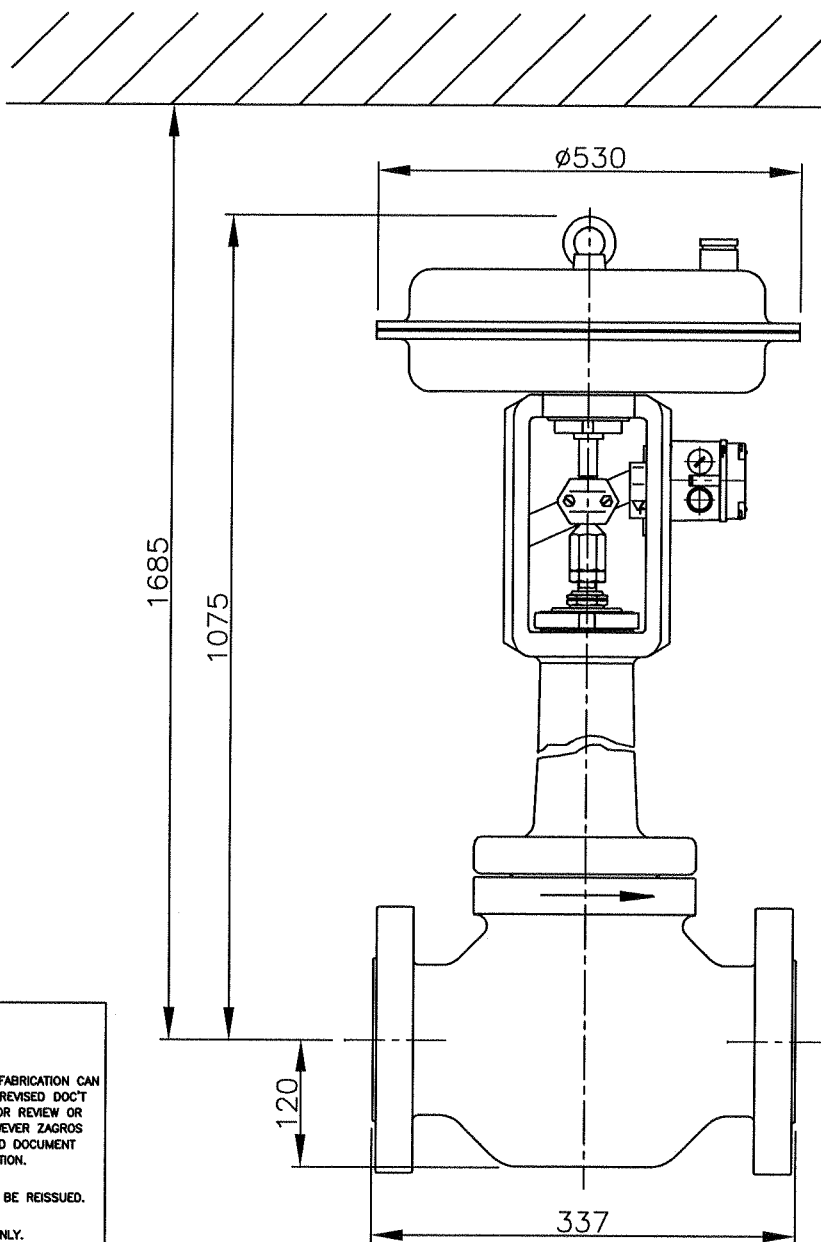
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Tag No.: FV-101041



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Wolfsbühlstrasse 3  
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OWNER :



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شرکت پتروشیمی زاگرس

PROJECT :

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PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV
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Valve Type: 3251/insul. with flowd. I  
 Valve Style: Globe  
 Valve Size: 2 inch  
 Pressure Rating: Class 600  
 Flange Form: RF-SF  
 Actuator Type: 3277  
 Actuator Size: 350  
 Weight (kg): 86

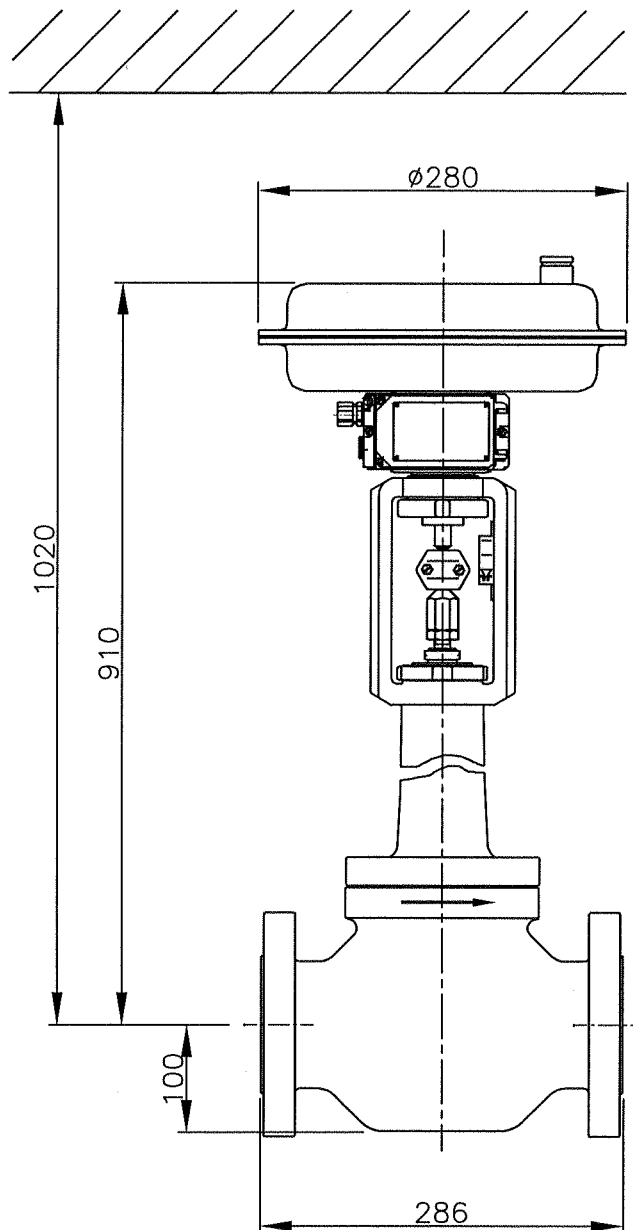
616 100  
 Vendor Order Reference

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 Fax: +49 69 40 09-1781  
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VENDOR  
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شرکت پتروشیمی زاگرس

PROJECT :

2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
 DESIGN & ENGINEERING COMPANY  
 شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

ZPC PROJ. NO. 232000

DWG NO.

REV

SHT :

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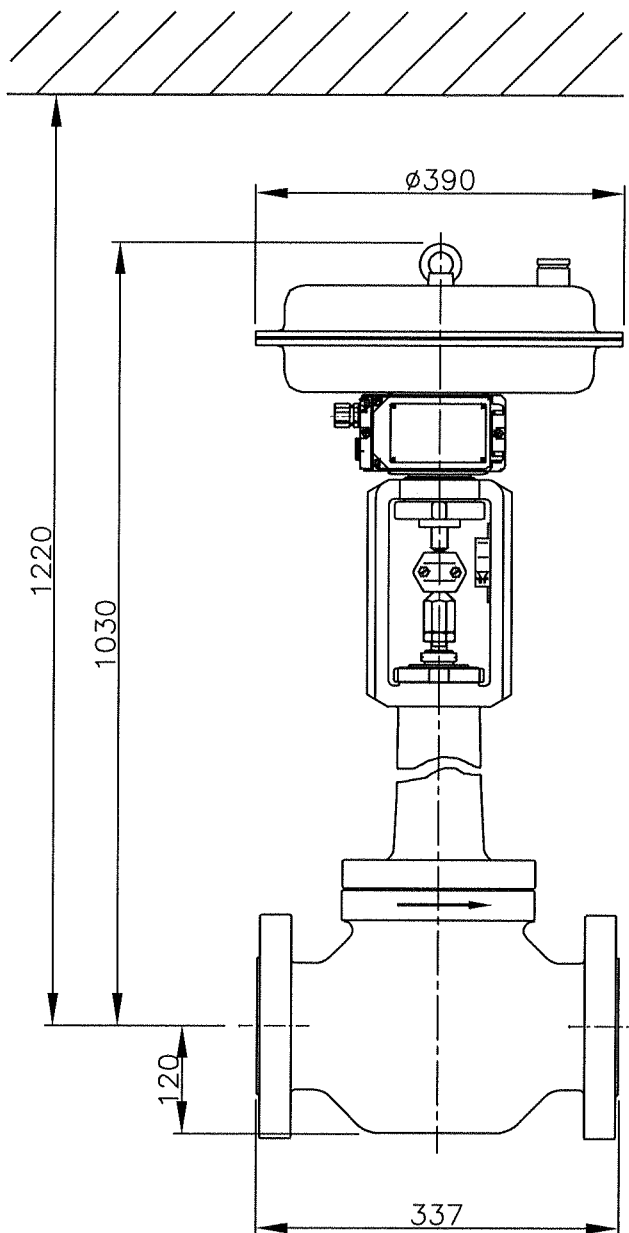
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3251/insul. with flowd. I  
 Valve Style: Globe  
 Valve Size: 3 inch  
 Pressure Rating: Class 600  
 Flange Form: RF-SF  
 Actuator Type: 3277  
 Actuator Size: 700  
 Weight (kg): 138

616 100  
 Vendor Order Reference  
 Tag No.: FV-101125

**SAMSON AG**  
 Mess- und Regeltechnik  
 Völklingenstraße 3  
 D-46034 Frankfurt am Main  
 Phone: +49 69 40 09-0  
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VENDOR  
 DOC. NO.



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شرکت پتروشیمی زاگرس

PROJECT :

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PETROCHEMICAL INDUSTRIES  
 DESIGN & ENGINEERING COMPANY  
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**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

SHT :

ZPC  
 PROJ. NO. 232000  
 PIDEC  
 PROJ. NO. 1182

DWG NO.

REV

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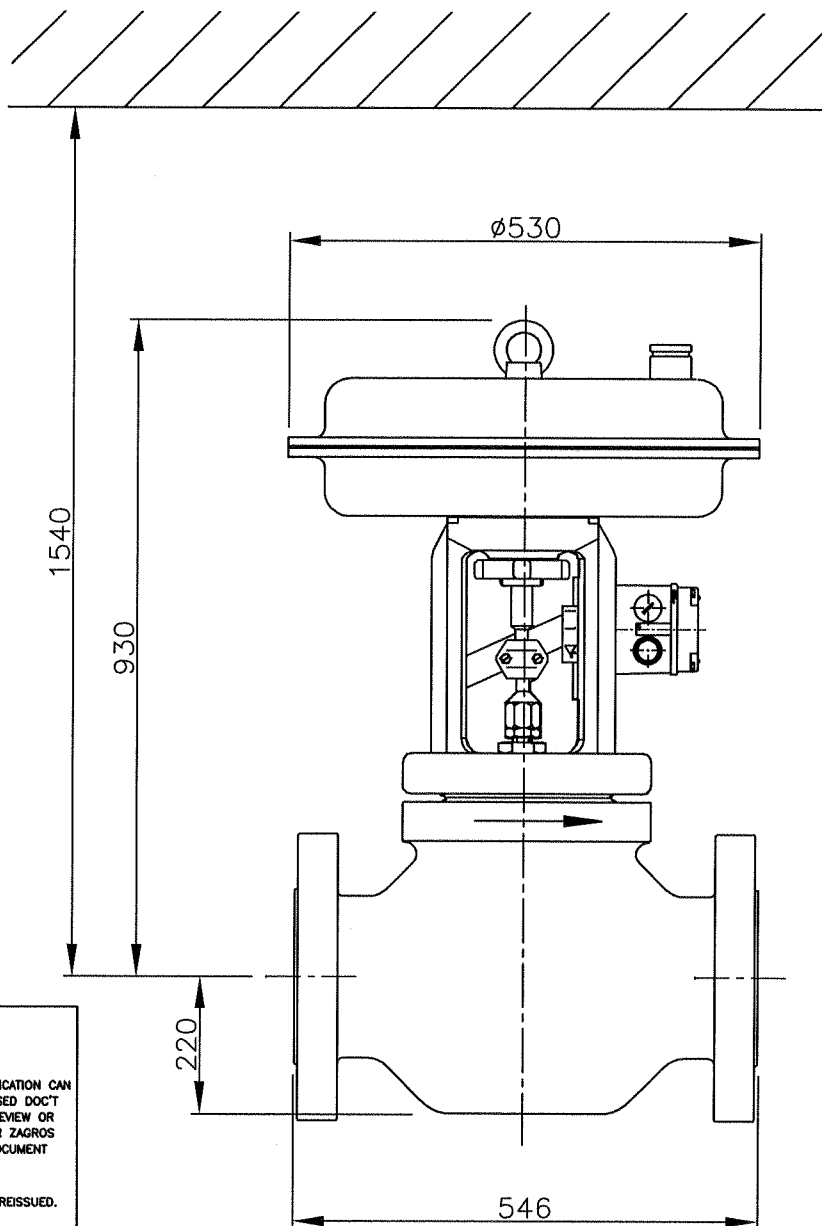
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3251 M with AC3 - Trim  
 Valve Style: Globe  
 Valve Size: 4 inch  
 Pressure Rating: Class 1500  
 Flange Form: RF-SF  
 Actuator Type: 3271  
 Actuator Size: 1400  
 Weight (kg): 322

616 100  
 Vendor Order Reference  
 Tag No.: FV-101229A

 **SAMSON AG**  
 Mess- und Regeltechnik  
 Völknerstrasse 3  
 D-66314 Frankfurt am Main  
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شرکت پتروشیمی زاگرس

PROJECT :

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PETROCHEMICAL INDUSTRIES  
 DESIGN & ENGINEERING COMPANY  
 شرکت طراحی و مهندسی صنایع پتروشیمی

 **engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDEC PROJ. NO. 1182		

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#### DISPOSITION

- ☐ NO COMMENT
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SIGNATURE DATE

THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3254  
Valve Style: Globe  
Valve Size: 8 inch  
Pressure Rating: Class 1500  
Flange Form: RF-SF  
Actuator Type: 3271  
Actuator Size: 2800  
Weight (kg): 1852

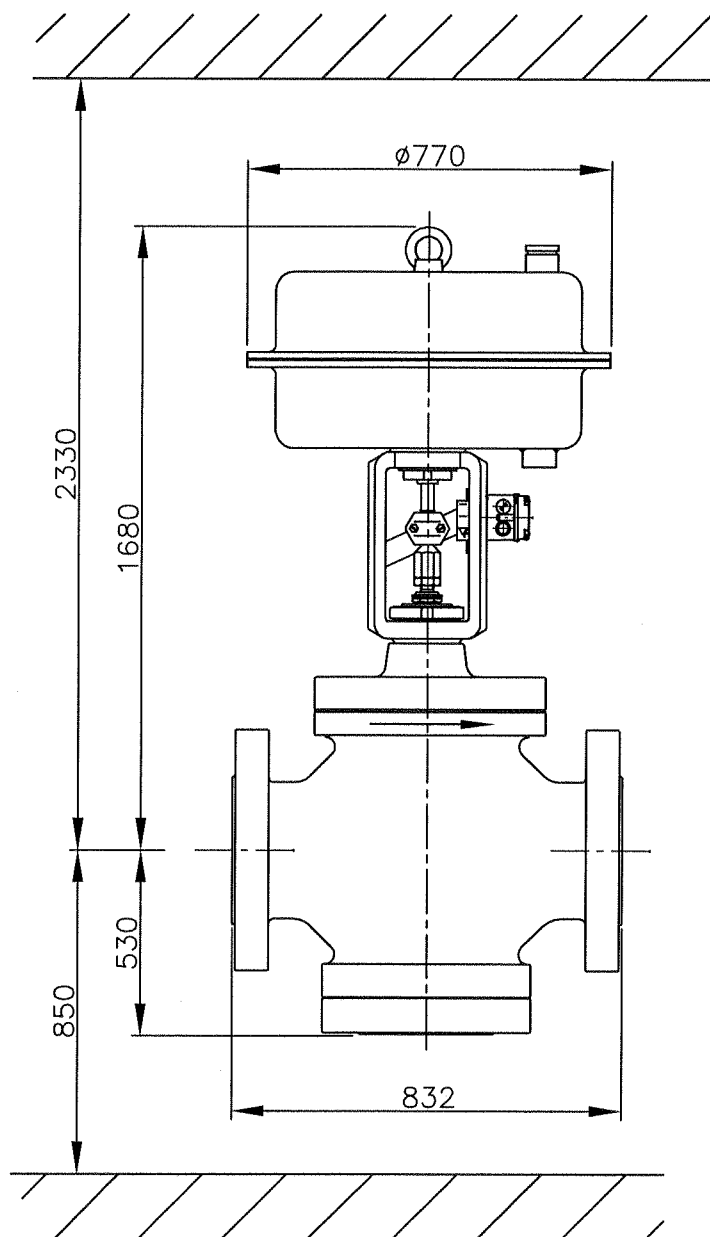
616 100  
Vendor Order Reference

Tag No.: FV-101229B



**SAMSON AG**  
Mess- und Regeltechnik  
Vollmannslohstrasse 3  
D-400314 Frankfurt am Main  
Phone: +49 69 40 09-0  
Fax: +49 69 40 09-1701  
Internet: <http://www.samson.de>

VENDOR  
DOC. NO.



All dimensions in mm (no scale)

3					
2					
1					
0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER :



NATIONAL PETROCHEMICAL COMPANY  
ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT :

2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

ZPC  
PROJ. NO. 232000

DWG NO.

REV

SHT :

PIDEC  
PROJ. NO. 1182

0

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**DISPOSITION**

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**emitting direction**

All dimensions in mm (no scale)

3					
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0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

**Valve Type:** DKVP 088 / 116U

**Valve Style:** Desuperheater

**Valve Size:** 2 inch / 4 inch

**Pressure Rating:** Class 1500 / 600

**Flange Form:** RF-SF

**Actuator Type:** 3277

**Actuator Size:** 700

**Weight (kg):** 90

**OWNER :** NATIONAL PETROCHEMICAL COMPANY  
ZAGROS PETROCHEMICAL COMPLEX  
شرکت پتروشیمی زاگرس

**PROJECT :** 2nd ZAGROS MEGAMETHANOL PROJECT

616 100  
Vendor Order Reference

Tag No.: FV-101432

**PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY**  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering Lurgi**

**SAMSON AG**  
Mess- und Regeltechnik  
Wormsenerstrasse 3  
D-40314 Frankfurt am Main  
Phone: +49 69 40 08-0  
Fax: +49 69 40 08-1701  
Internet: http://www.samson.de

**TITLE :** Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV
SHT :	PIDEC PROJ. NO. 1182		0

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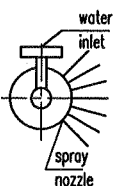
Valve Type: DKVP 088 / 117U  
 Valve Style: Desuperheater  
 Valve Size: 2 inch / 4 inch  
 Pressure Rating: Class 1500 / 900  
 Flange Form: RF-SF  
 Actuator Type: 3277  
 Actuator Size: 700  
 Weight (kg): 90

616 100  
 Vendor Order Reference  
 Tag No.: FV-101433

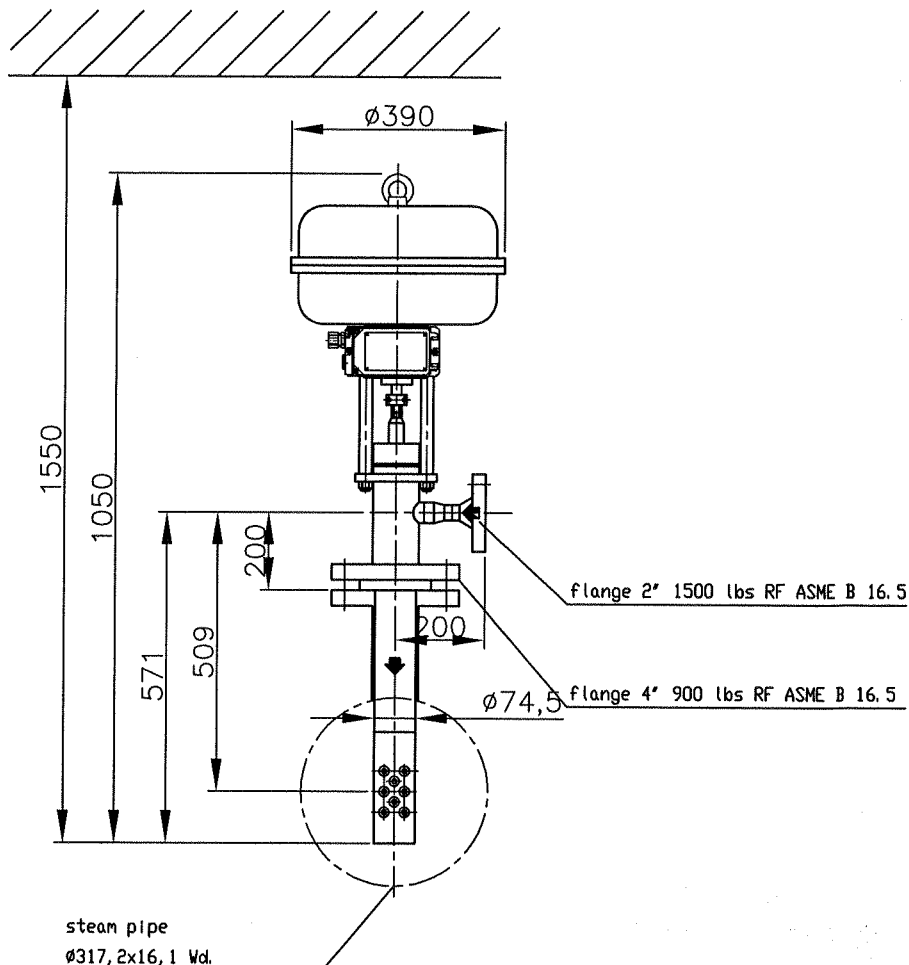
**SAMSON AG**  
 Mess- und Regeltechnik  
 Völkenswiesendamm 3  
 D-40314 Frankfurt am Main  
 Phone: +49 69 40 09-0  
 Fax: +49 69 40 09-1701  
 Internet: http://www.samson.de

VENDOR  
 DOC. NO.

emitting direction



steam pipe  
 Ø317,2x16,1 Wd.



All dimensions in mm (no scale)

REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
3					
2					
1					
0	2004-08-25	Issued for review	V12/mst	V12/lr	V12/di

OWNER :



NATIONAL PETROCHEMICAL COMPANY  
 ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT :

2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
 DESIGN & ENGINEERING COMPANY  
 شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDEC PROJ. NO. 1182		

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<p>Valve Type: DKVP 80 / 110U</p> <p>Valve Style: Desuperheater</p> <p>Valve Size: 2 inch / 4 inch</p> <p>Pressure Rating: Class 2500</p> <p>Flange Form: RF-SF</p> <p>Actuator Type: 3271</p> <p>Actuator Size: 1400</p> <p>Weight (kg): 180</p>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">3</td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>0</td> <td>2004-08-25</td> <td>Issued for review</td> <td>V12/mst</td> <td>V12/lr</td> <td>V12/di</td> </tr> <tr> <td>REV.</td> <td>DATE</td> <td>DESCRIPTION</td> <td>BY</td> <td>CHECKED</td> <td>APPROVED</td> </tr> </table> <p>OWNER : NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس</p> <p>PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>PIDEC شرکت طراحی و مهندسی صنایع پتروشیمی</p> </div> <div style="width: 30%; text-align: center;"> <p>engineering <b>Lurgi</b></p> </div> </div> <p>TITLE : Pneumatic control valve</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">SCALE : NO</td> <td style="width: 30%;">ZPC PROJ. NO. 232000</td> <td style="width: 30%;">DWG NO.</td> <td style="width: 10%;">REV</td> </tr> <tr> <td>SHT :</td> <td>PIDEC PROJ. NO. 1182</td> <td></td> <td>0</td> </tr> </table>		3						2						1						0	2004-08-25	Issued for review	V12/mst	V12/lr	V12/di	REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED	SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV	SHT :	PIDEC PROJ. NO. 1182		0
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SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV																																						
SHT :	PIDEC PROJ. NO. 1182		0																																						
<p>616 100</p> <p>Vendor Order Reference</p> <p>Tag No.: FV-101435</p>		<p> <b>SAMSON AG</b> Mess- und Regeltechnik Wolfsburgstraße 3 D-46314 Frankfurt am Main Phone: +49 66 40 06-0 Fax: +49 66 40 06-1201 Internet: http://www.samson.de</p>																																							
<p>VENDOR DOC. NO.</p>		<p>TITLE : Pneumatic control valve</p>																																							

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THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3251/insul. with flowd. I  
 Valve Style: Globe  
 Valve Size: 6 inch  
 Pressure Rating: Class 1500  
 Flange Form: RF-SF  
 Actuator Type: 3271  
 Actuator Size: 1400  
 Weight (kg): 984

616 100  
 Vendor Order Reference  
 Tag No.: FV-101439

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 D-40314 Frankfurt am Main  
 Phone: +49 69 40 08-0  
 Fax: +49 69 40 08-171  
 Internet: http://www.samson.de

VENDOR  
 DOC. NO.

3					
2					
1					
0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER: NATIONAL PETROCHEMICAL COMPANY  
 ZAGROS PETROCHEMICAL COMPLEX  
 شرکت پتروشیمی زاگرس

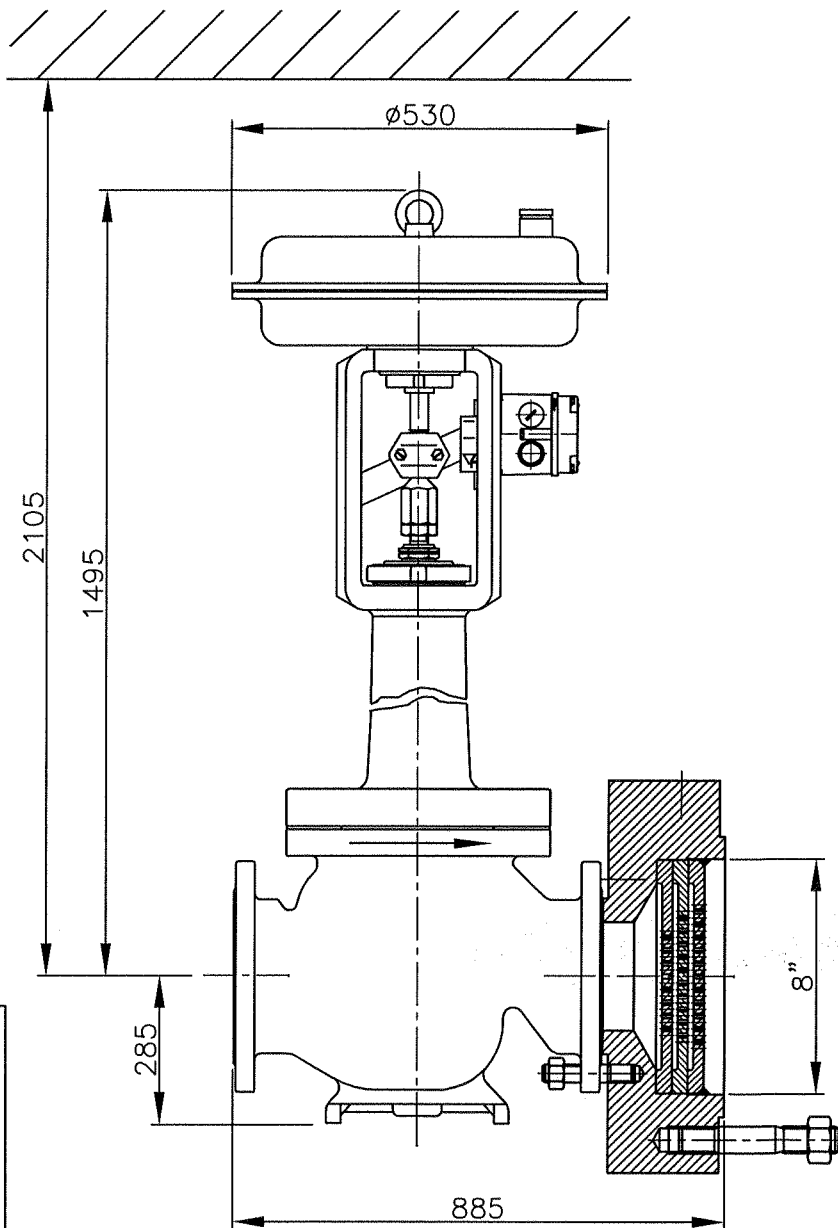
PROJECT: 2nd ZAGROS MEGAMETHANOL PROJECT

DESIGN & ENGINEERING COMPANY: PETROCHEMICAL INDUSTRIES  
 شرکت طراحی و مهندسی صنایع پتروشیمی

engineering  
**Lurgi**

TITLE: Pneumatic control valve

SCALE: 1/NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT:	PIDEC PROJ. NO. 1182		



All dimensions in mm (no scale)

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Valve Type: 3254  
Valve Style: Globe  
Valve Size: 10 inch  
Pressure Rating: Class 900  
Flange Form: RF-SF  
Actuator Type: 3271  
Actuator Size: 1400  
Weight (kg): 1492

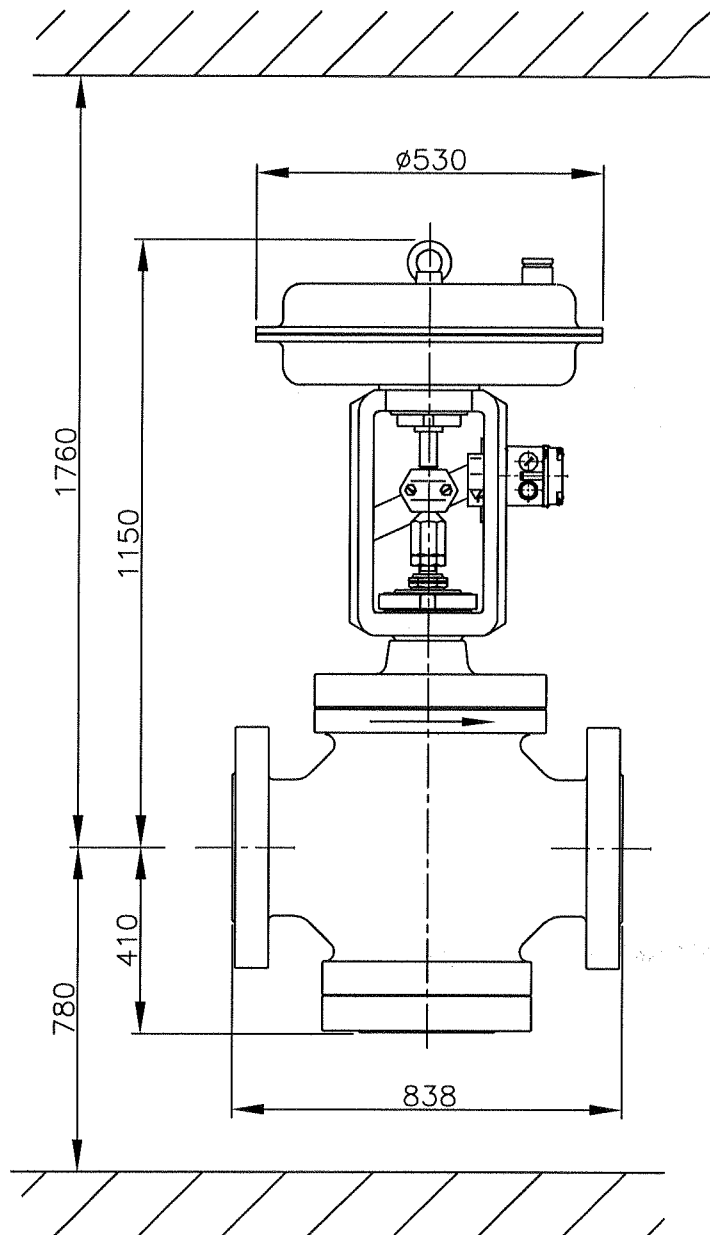
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Vendor Order Reference

Tag No.: FV-101441



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D-66314 Frankfurt am Main  
Phone: +49 69 40 09-0  
Fax: +49 69 40 09-1791  
Internet: http://www.samson.de

VENDOR  
DOC. NO.



All dimensions in mm (no scale)

3					
2					
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0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER :



NATIONAL PETROCHEMICAL COMPANY  
ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

ZPC PROJ. NO. 232000

DWG NO.

REV

SHT :

PIDEC PROJ. NO. 1182

0



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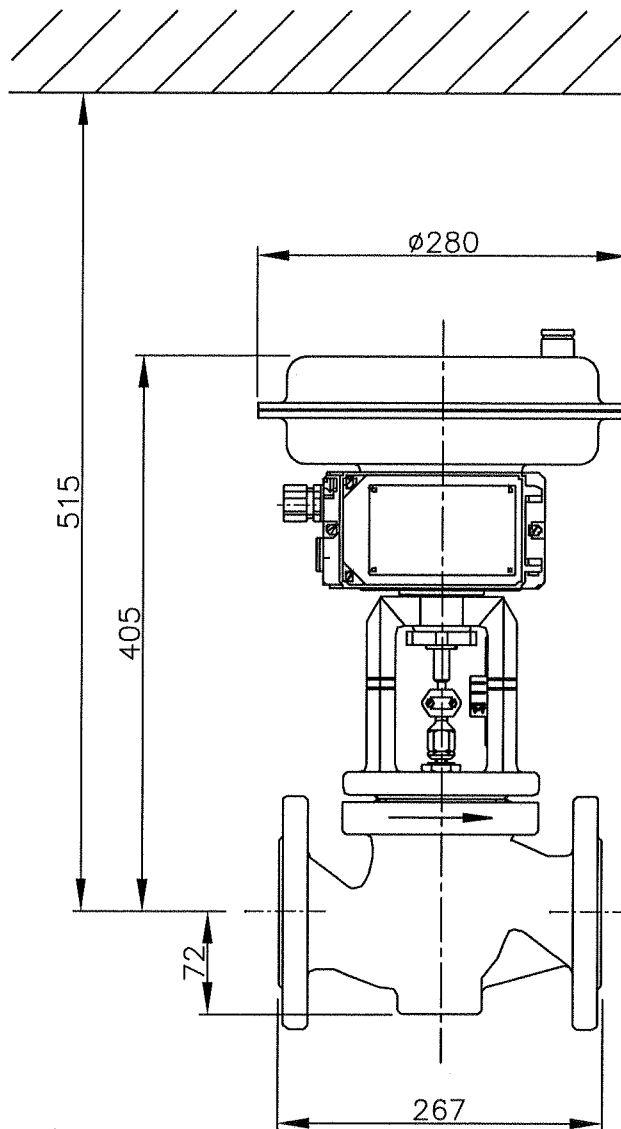
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3241  
Valve Style: Globe  
Valve Size: 2 inch  
Pressure Rating: Class 300  
Flange Form: RF-SF  
Actuator Type: 3277  
Actuator Size: 350  
Weight (kg): 29

616 100  
Vendor Order Reference  
Tag No.: FV-150411

**SAMSON AG**  
Mess- und Regeltechnik  
Vohdenstrasse 3  
D-40314 Frankfurt am Main  
Phone: +49 69 40 00-0  
Fax: +49 69 40 00-1791  
Internet: http://www.samson.de

VENDOR  
DOC. NO.



All dimensions in mm (no scale)

3					
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0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
OWNER : NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس					
PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT					
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی					
TITLE : Pneumatic control valve					
SCALE : NO		ZPC PROJ. NO. 232000	DWG. NO.		REV
SHT :		PIDEC PROJ. NO. 1182			0

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4	3	2	1																																			
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><b>DISPOSITION</b></p> <p><input type="checkbox"/> NO COMMENT</p> <p><input type="checkbox"/> COMMENTS AS MARKED. FABRICATION CAN PROCEED ACCORDINGLY. REVISED DOCT TO BE ISSUED EITHER FOR REVIEW OR AS FINAL CERTIFIED. HOWEVER ZAGROS WILL CHECK THIS REVISED DOCUMENT FOR PROPER INCORPORATION.</p> <p><input type="checkbox"/> REJECTED DOCUMENT TO BE REISSUED.</p> <p><input type="checkbox"/> USE FOR INFORMATION ONLY.</p> <p>SIGNATURE _____ DATE _____</p> </div> <div style="width: 30%;"> <p>emitting direction</p> </div> <div style="width: 35%; text-align: right;"> <p>All dimensions in mm (no scale)</p> </div> </div>																																						
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">3</td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>0</td> <td>2004-08-25</td> <td>Issued for review</td> <td>V12/mst</td> <td>V12/lf</td> <td></td> <td>V12/di</td> </tr> <tr> <td>REV.</td> <td>DATE</td> <td>DESCRIPTION</td> <td>BY</td> <td>CHECKED</td> <td></td> <td>APPROVED</td> </tr> </table>				3							2							1							0	2004-08-25	Issued for review	V12/mst	V12/lf		V12/di	REV.	DATE	DESCRIPTION	BY	CHECKED		APPROVED
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REV.	DATE	DESCRIPTION	BY	CHECKED		APPROVED																																
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>Valve Type: DKVP 088 / 117U</p> <p>Valve Style: Desuperheater</p> <p>Valve Size: 2 inch / 4 inch</p> <p>Pressure Rating: Class 1500 / 900</p> <p>Flange Form: RF-SF</p> <p>Actuator Type: 3271</p> <p>Actuator Size: 1400</p> <p>Weight (kg): 150</p> </div> <div style="width: 65%;"> <p><b>OWNER :</b> NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس</p> <p><b>PROJECT :</b> 2nd ZAGROS MEGAMETHANOL PROJECT</p> </div> </div>																																						
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<p><b>TITLE :</b> Pneumatic control valve</p>																																						
<p>SCALE : NO</p>		<p>ZPC PROJ. NO. 232000</p>																																				
<p>SHT :</p>		<p>PIDEC PROJ. NO. 1182</p>																																				
<p>VENDOR DOC. NO. :</p>		<p>DWG. NO. : REV 0</p>																																				

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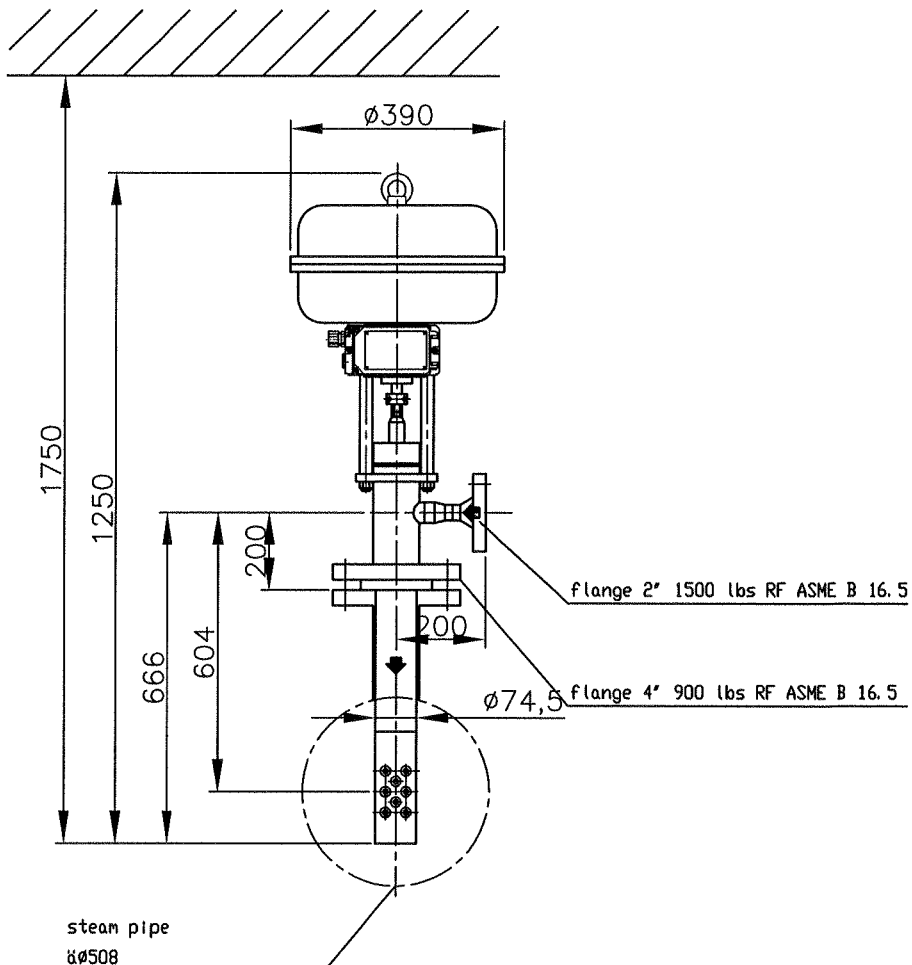
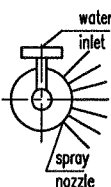
Valve Type: DKVP 088 / 117U  
 Valve Style: Desuperheater  
 Valve Size: 2 inch / 4 inch  
 Pressure Rating: Class 1500 / 900  
 Flange Form: RF-SF  
 Actuator Type: 3277  
 Actuator Size: 700  
 Weight (kg): 90

616 100  
 Vendor Order Reference  
 Tag No.: FV-150630

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 Fax: +49 69 40 00-1701  
 Internet: http://www.samson.de

VENDOR  
 DOC. NO. \_\_\_\_\_

emitting direction



All dimensions in mm (no scale)

3					
2					
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0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER : NATIONAL PETROCHEMICAL COMPANY  
 ZAGROS PETROCHEMICAL COMPLEX  
 شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

**PIDEC** PETROCHEMICAL INDUSTRIES  
 DESIGN & ENGINEERING COMPANY  
 شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE : Pneumatic control valve

SCALE : 1/1	ZPC PROJ. NO. 232000	DWG. NO.	REV 0
SHT : 1	PIDEC PROJ. NO. 1182		

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DISPOSITION

☐ NO COMMENT

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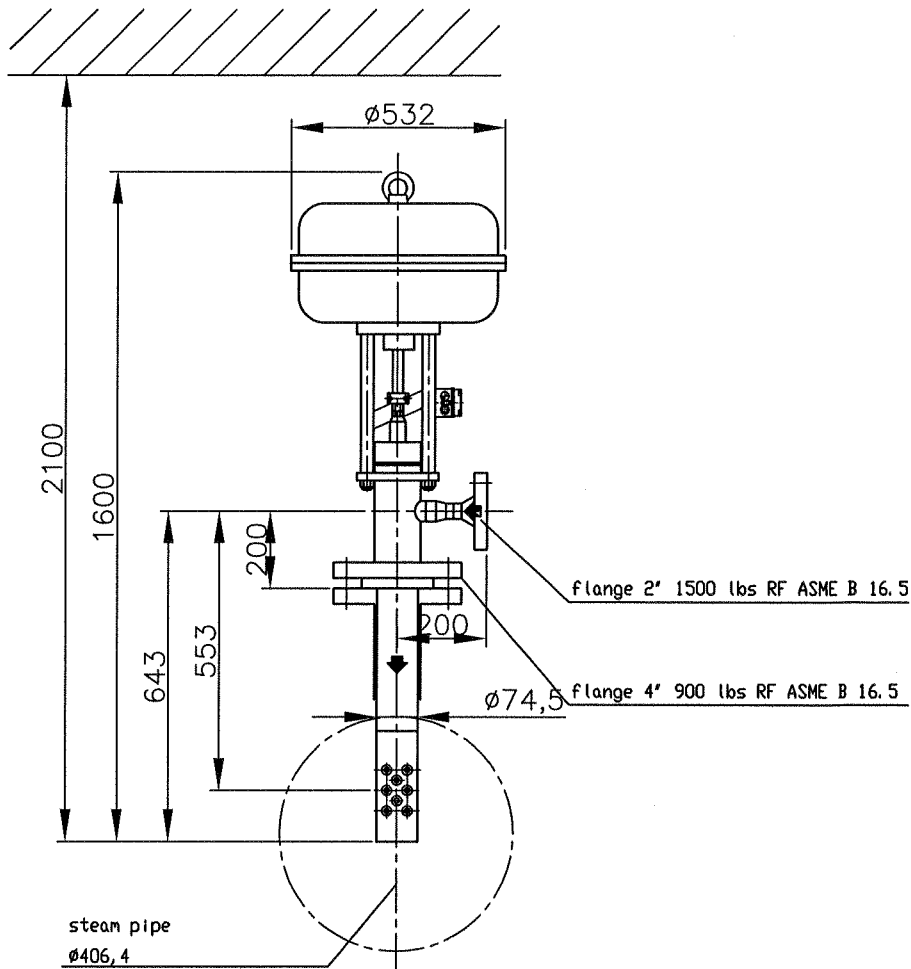
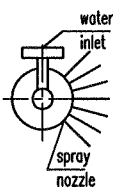
Valve Type: DKVP 088 / 117U  
 Valve Style: Desuperheater  
 Valve Size: 2 inch / 4 inch  
 Pressure Rating: Class 1500 / 900  
 Flange Form: RF-SF  
 Actuator Type: 3271  
 Actuator Size: 1400  
 Weight (kg): 150

616 100  
 Vendor Order Reference  
 Tag No.: FV-150636

**SAMSON AG**  
 Mess- und Regeltechnik  
 Wörmserstrasse 3  
 D-40514 Frankfurt am Main  
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 Fax: +49 69 40 08-1781  
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VENDOR  
 DOC. NO.

emitting direction



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OWNER : NATIONAL PETROCHEMICAL COMPANY  
 ZAGROS PETROCHEMICAL COMPLEX  
 شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

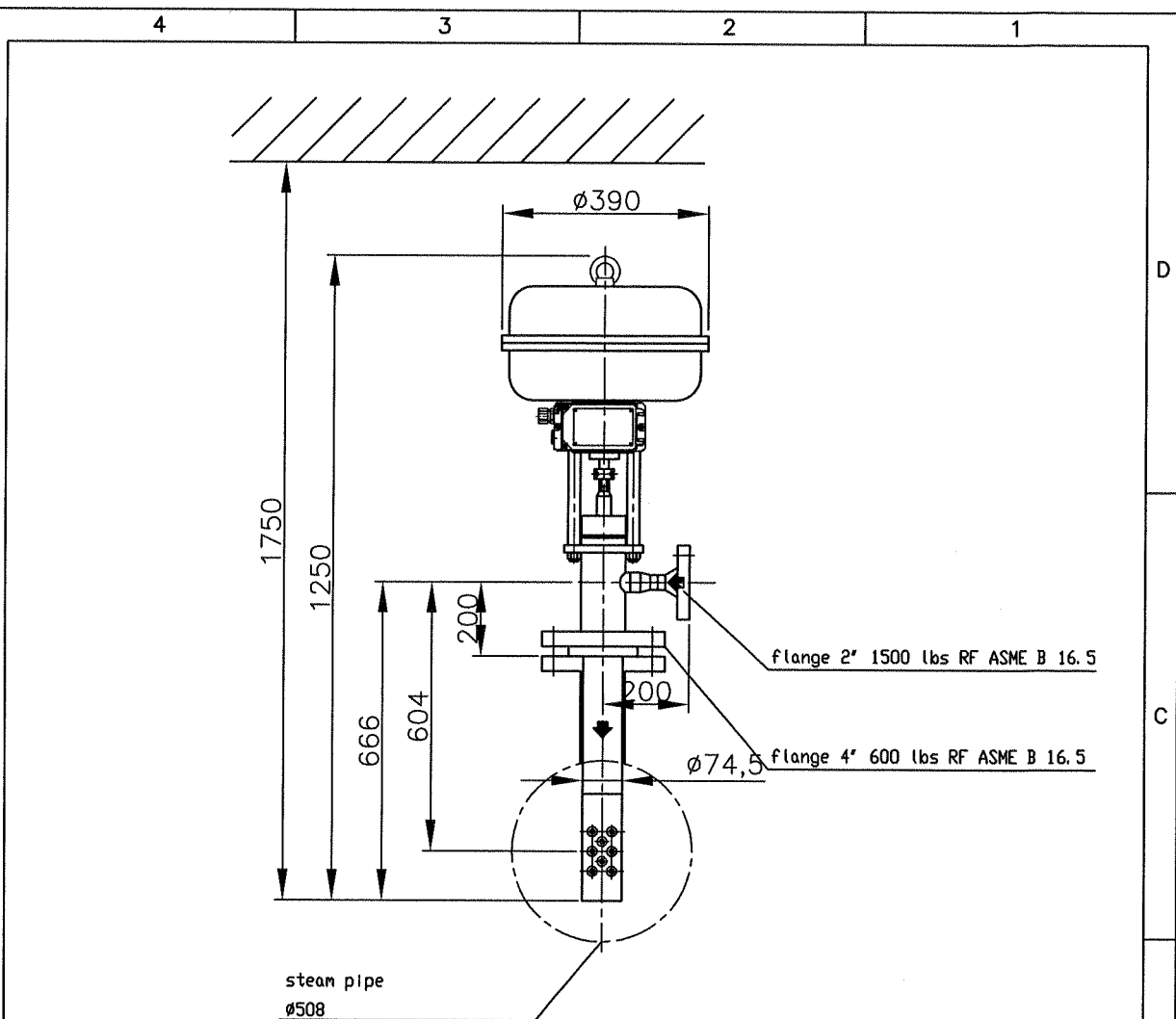
**PIDEC** PETROCHEMICAL INDUSTRIES  
 DESIGN & ENGINEERING COMPANY  
 شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering Lurgi**

TITLE : Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDEC PROJ. NO. 1182		

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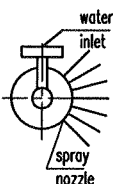
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emitting direction



All dimensions in mm (no scale)

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Valve Type: DKVP 088 / 116U  
Valve Style: Desuperheater  
Valve Size: 2 inch / 4 inch  
Pressure Rating: Class 1500 / 600  
Flange Form: RF-SF  
Actuator Type: 3277  
Actuator Size: 700  
Weight (kg): 90

616 100

Vendor Order Reference

Tag No.: FV-150725



**SAMSON AG**  
Mess- und Regeltechnik  
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OWNER :



NATIONAL PETROCHEMICAL COMPANY  
ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT :

2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE	NO	ZPC PROJ. NO.	DWG NO.	REV
SHT		232000		0
		1182		

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**DISPOSITION**

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SIGNATURE DATE

THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3241 bellows section  
Valve Style: Globe  
Valve Size: 2 inch  
Pressure Rating: Class 300  
Flange Form: RF-SF  
Actuator Type: 3277  
Actuator Size: 700  
Weight (kg): 49

616 100

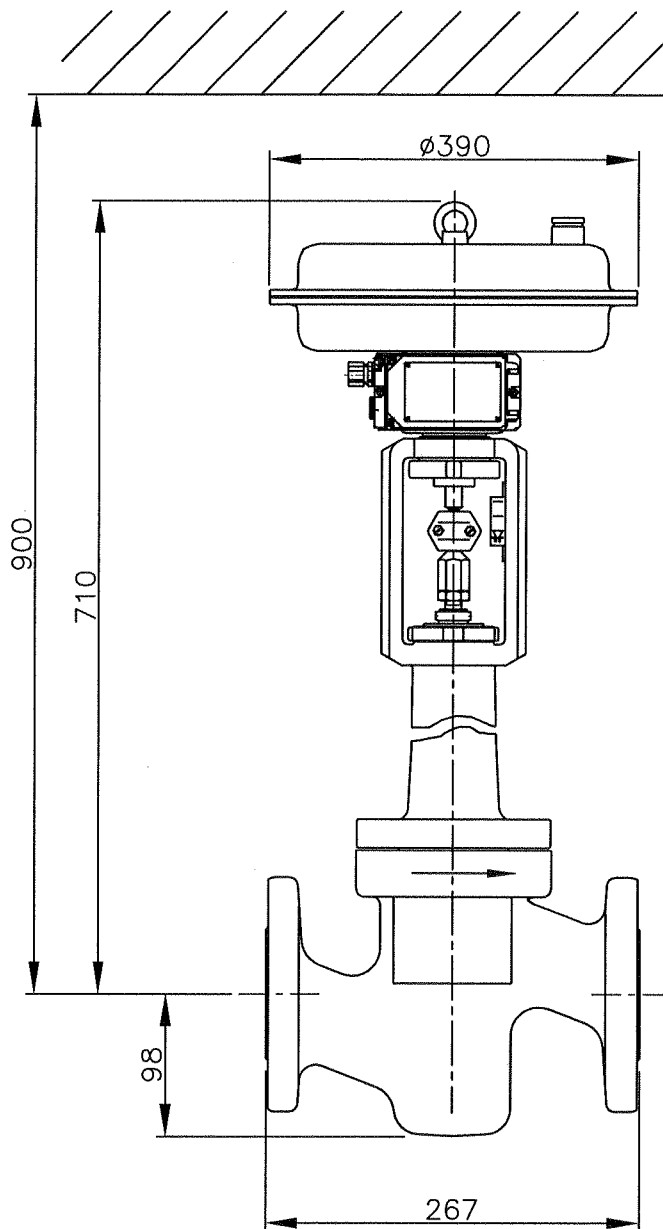
Vendor Order Reference

Tag No.: FV-250102



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Mess- und Regeltechnik  
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Fax: +49 69 40 06-1791  
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VENDOR DOC. NO.



All dimensions in mm (no scale)

3					
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شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

ZPC PROJ. NO. 232000

DWG NO.

REV

SHT :

PIDECE PROJ. NO. 1182

0

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- ☐ NO COMMENT
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Valve Type: 3251 bellows section  
Valve Style: Globe  
Valve Size: 2 inch  
Pressure Rating: Class 600  
Flange Form: RF-SF  
Actuator Type: 3277  
Actuator Size: 700  
Weight (kg): 100

616 100

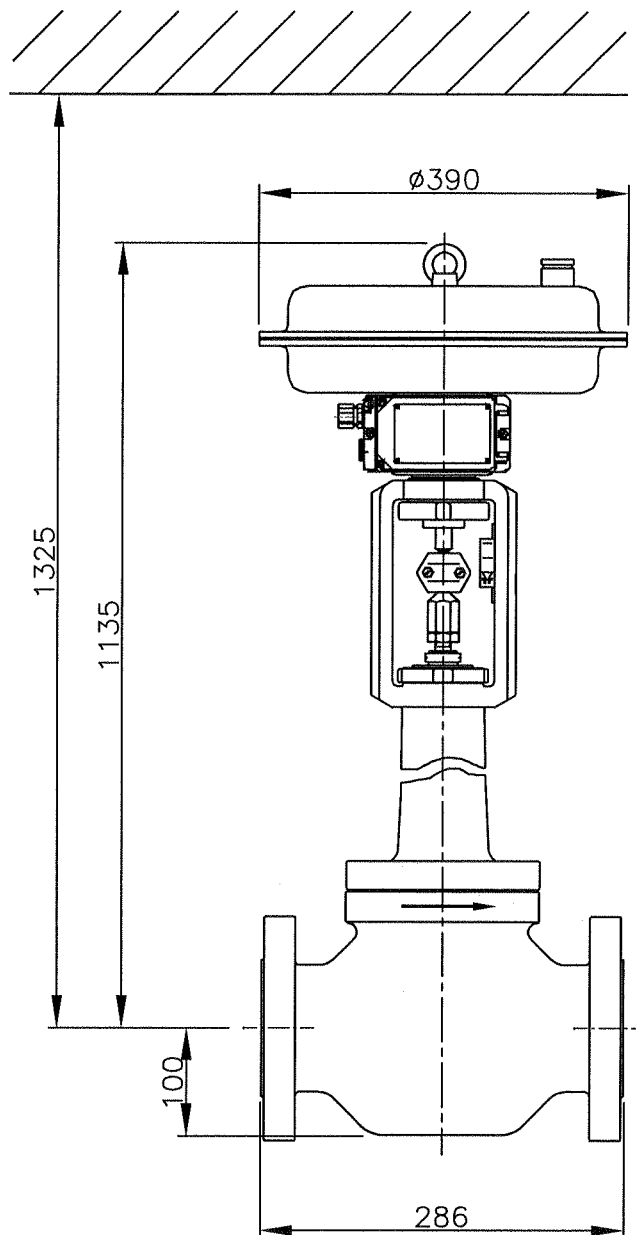
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Tag No.: FV-250105



**SAMSON AG**  
Mess- und Regeltechnik  
Wolfsenlenstrasse 3  
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VENDOR  
DOC. NO.



All dimensions in mm (no scale)

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شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

ZPC PROJ. NO. 232000

DWG NO.

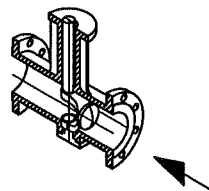
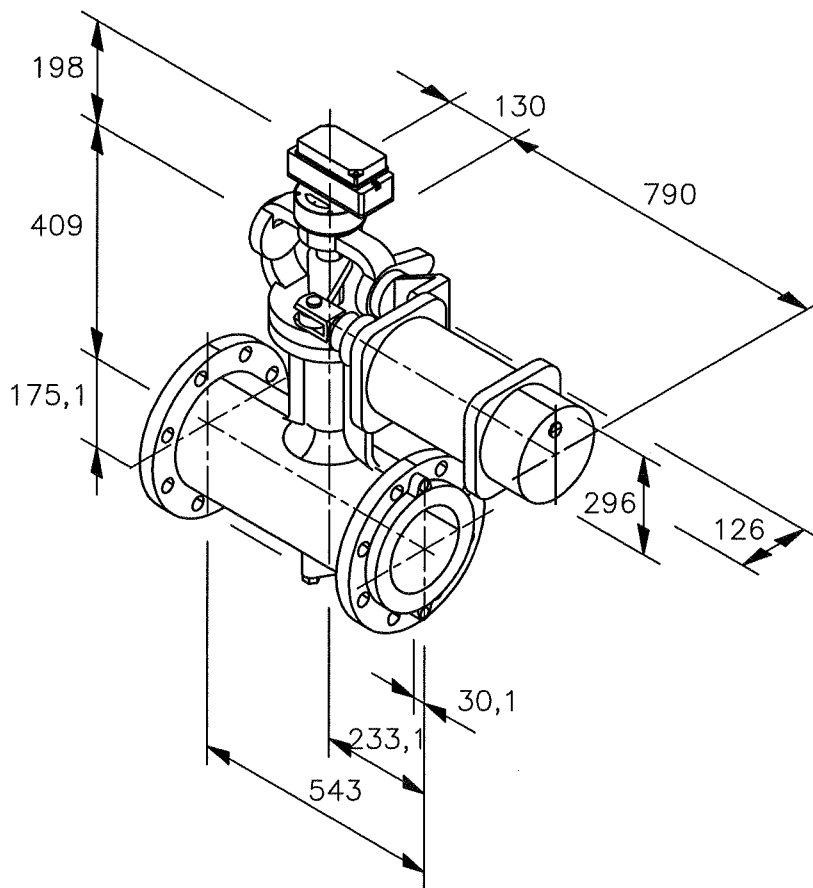
REV

SHT : 1

PIDECE PROJ. NO. 1182

0

4 3 2 1



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☐ COMMENTS AS MARKED. FABRICATION CAN PROCEED ACCORDINGLY. REVISED DOCT TO BE ISSUED EITHER FOR REVIEW OR AS FINAL CERTIFIED. HOWEVER ZAGROS WILL CHECK THIS REVISED DOCUMENT FOR PROPER INCORPORATION.  
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Valve Type: 72.1R  
 Valve Style: Rotary plug  
 Valve Size: 8 inch  
 Pressure Rating: Class 150  
 Flange Form: RF-SF  
 Actuator Type: R250v  
 Actuator Size: .  
 Weight (kg): 260

616 100  
 Vendor Order Reference  
 Tag No.: FV-300101



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 D-40314 Frankfurt am Main  
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VENDOR  
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3					
2					
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PROJECT :

2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
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 شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
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TITLE :

Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDEC PROJ. NO. 1182		

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**DISPOSITION**

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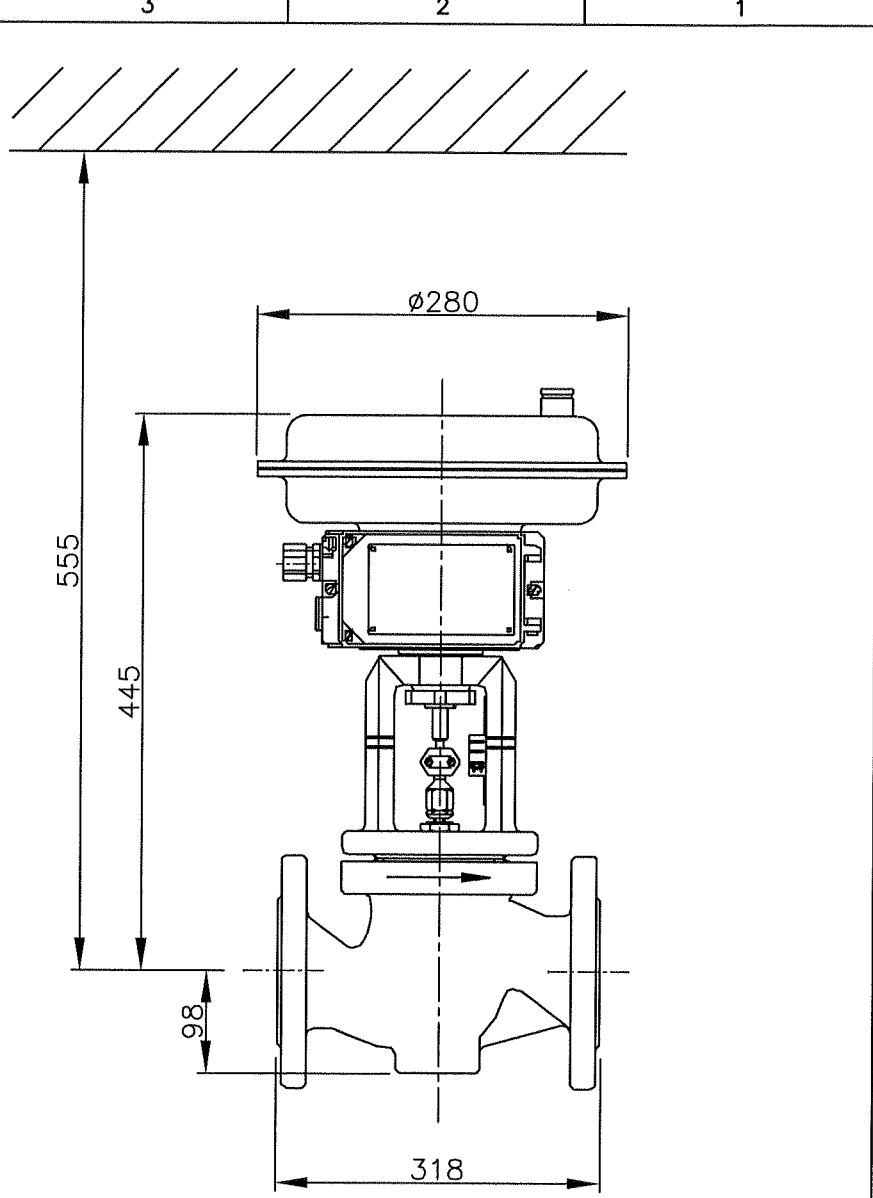
Valve Type:	3241
Valve Style:	Globe
Valve Size:	3 inch
Pressure Rating:	Class 300
Flange Form:	RF-SF
Actuator Type:	3277
Actuator Size:	350
Weight (kg):	44

616 100  
Vendor Order Reference

Tag No.: FV-300203


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Weismühlstrasse 3  
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Phone: +49 69 40 09-0  
Fax: +49 69 40 09-1791  
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VENDOR DOC. NO. \_\_\_\_\_




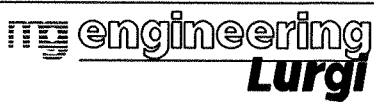
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OWNER :  NATIONAL PETROCHEMICAL COMPANY  
ZAGROS PETROCHEMICAL COMPLEX  
شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

 PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی



TITLE : Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT : 1	PIDEC PROJ. NO. 1182		

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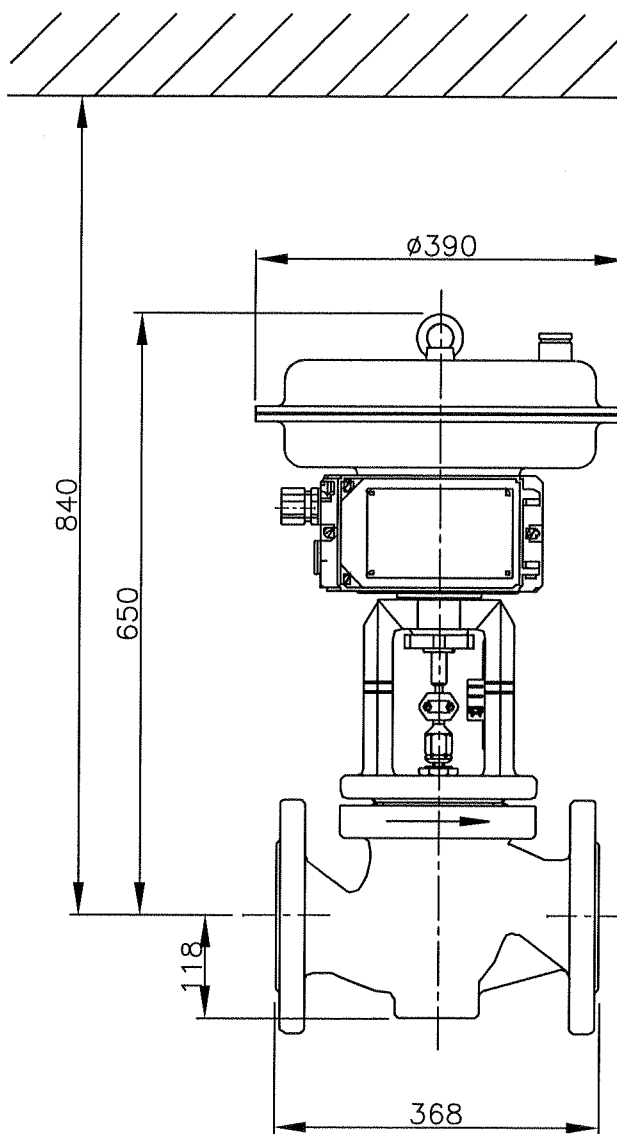
Valve Type: 3241  
 Valve Style: Globe  
 Valve Size: 4 inch  
 Pressure Rating: Class 300  
 Flange Form: RF-SF  
 Actuator Type: 3277  
 Actuator Size: 700  
 Weight (kg): 70

616 100  
 Vendor Order Reference  
 Tag No.: FV-300305



**SAMSON AG**  
 Mess- und Regeltechnik  
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VENDOR  
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All dimensions in mm (no scale)

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<b>OWNER :</b> NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس					
<b>PROJECT :</b> 2nd ZAGROS MEGAMETHANOL PROJECT					
<b>PETROCHEMICAL INDUSTRIES DESIGN &amp; ENGINEERING COMPANY</b> شرکت طراحی و مهندسی صنایع پتروشیمی					
<b>TITLE :</b> Pneumatic control valve					
<b>SCALE :</b> NO		<b>ZPC PROJ. NO.</b> 232000		<b>DWG NO.</b>	
<b>SHT :</b>		<b>PIDEC PROJ. NO.</b> 1182		<b>REV</b> 0	

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Valve Type: 3241  
Valve Style: Globe  
Valve Size: 3 inch  
Pressure Rating: Class 300  
Flange Form: RF-SF  
Actuator Type: 3277  
Actuator Size: 350  
Weight (kg): 44

616 100

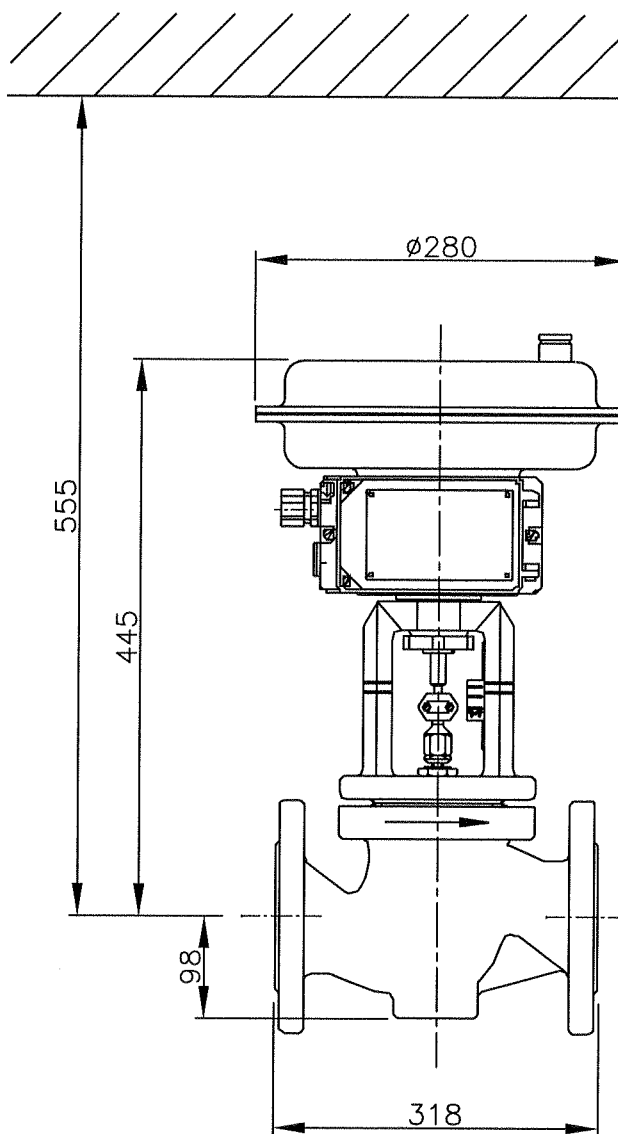
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Tag No.: FV-300306



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DOC. NO.



All dimensions in mm (no scale)

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شرکت پتروشیمی زاگرس

PROJECT :

2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

ZPC PROJ. NO. 232000

DWG NO.

REV

SHT :

PIDEC PROJ. NO. 1182

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**DISPOSITION**

☐ NO COMMENT

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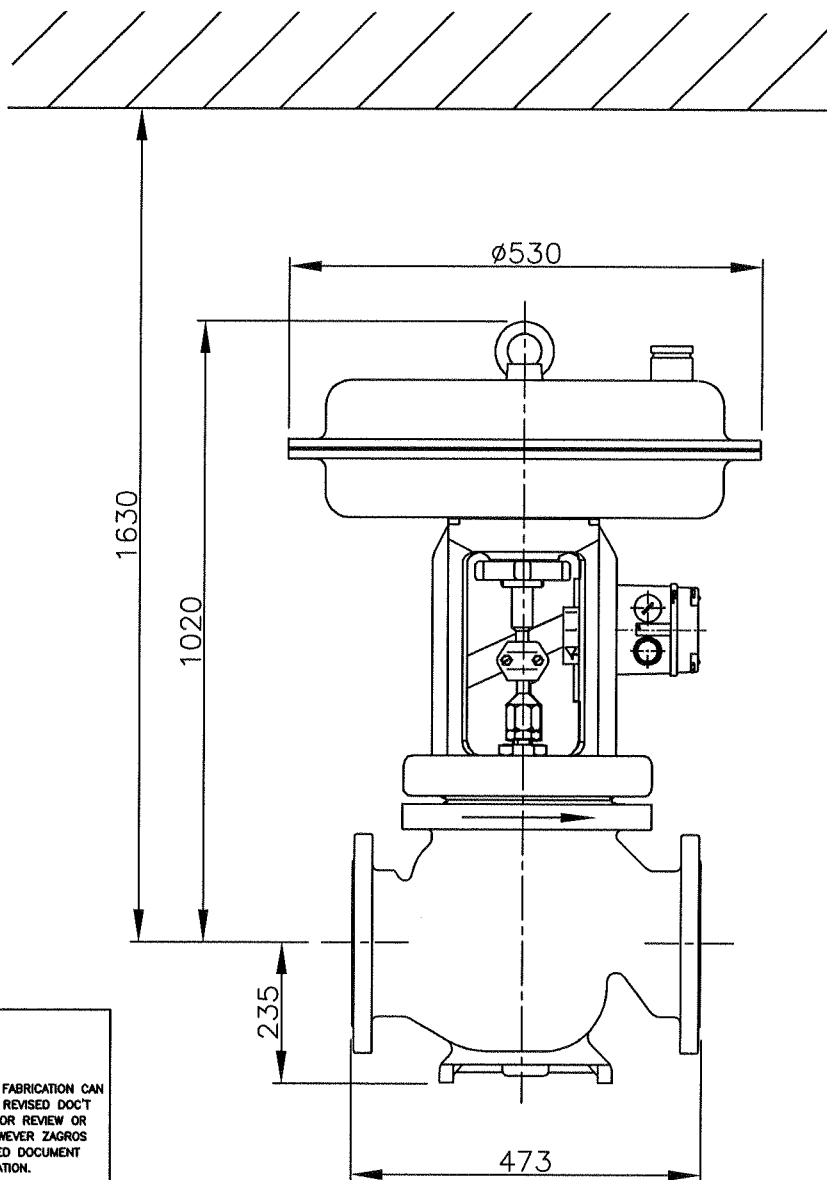
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3251  
 Valve Style: Globe  
 Valve Size: 6 inch  
 Pressure Rating: Class 300  
 Flange Form: RF-SF  
 Actuator Type: 3271  
 Actuator Size: 1400  
 Weight (kg): 273

616 100  
 Vendor Order Reference  
 Tag No.: FV-300408

**SAMSON AG**  
 Mess- und Regeltechnik  
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 Fax: +49 69 40 08-1781  
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VENDOR  
 DOC. NO.



All dimensions in mm (no scale)

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0	2004-08-25	Issued for review	V12/mst	V12/lr	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
OWNER : NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس					
PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT					
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی					
TITLE : Pneumatic control valve					
SCALE : NO		ZPC PROJ. NO. 232000	DWG NO.		REV
SHT :		PIDEC PROJ. NO. 1182			0

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Valve Type: BR14c  
 Valve Style: Butterfly Valve  
 Valve Size: 8 inch  
 Pressure Rating: Class 300  
 Flange Form: Lug-Type RF-SF  
 Actuator Type: SRP  
 Actuator Size: 2000  
 Weight (kg): 95

616 100  
 Vendor Order Reference  
 Tag No.: FV-300510A



VENDOR  
 DOC. NO.

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0	2004-08-25	Issued for review	V12/mst	V12/lr	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER :



NATIONAL PETROCHEMICAL COMPANY  
 ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

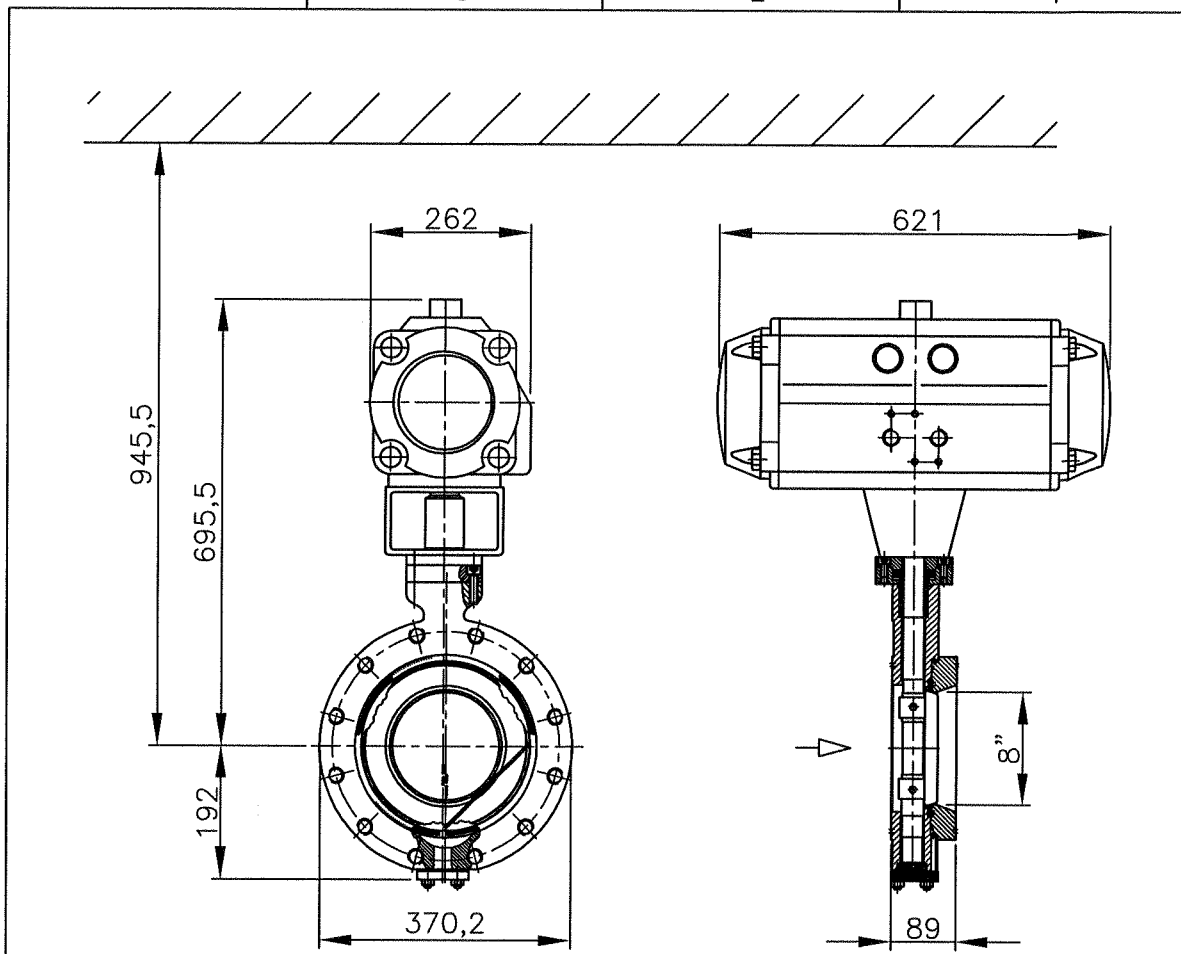


PETROCHEMICAL INDUSTRIES  
 DESIGN & ENGINEERING COMPANY  
 شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE : Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV
SHT :	PIDEC PROJ. NO. 1182		0



All dimensions in mm (no scale)

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**DISPOSITION**

☐ NO COMMENT

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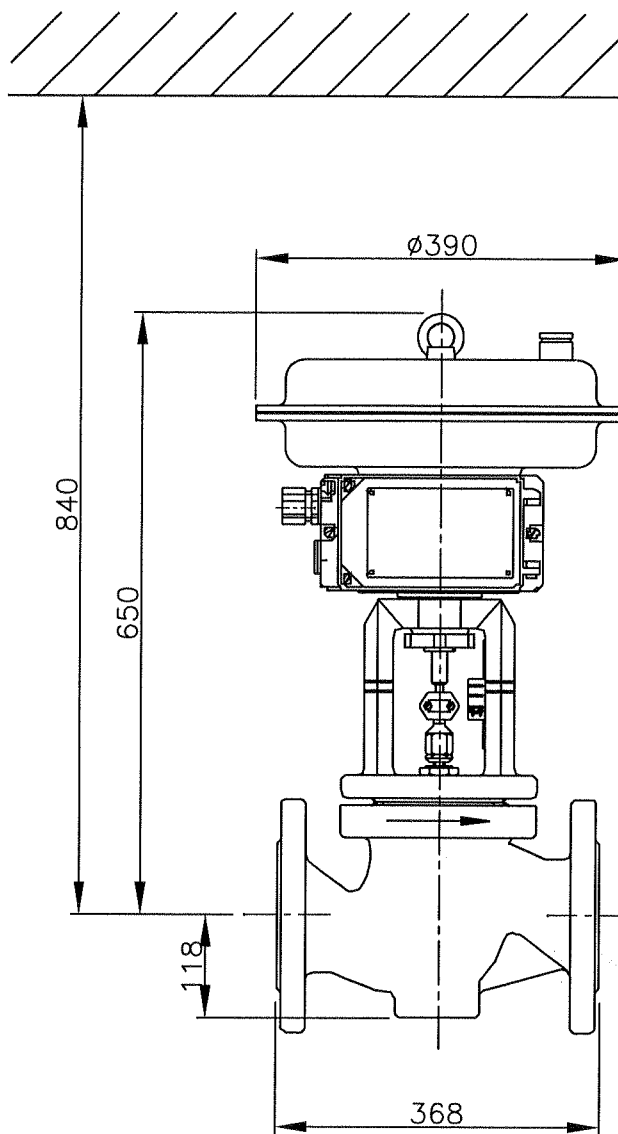
Valve Type: 3241  
 Valve Style: Globe  
 Valve Size: 4 inch  
 Pressure Rating: Class 300  
 Flange Form: RF-SF  
 Actuator Type: 3277  
 Actuator Size: 700  
 Weight (kg): 70

616 100  
 Vendor Order Reference  
 Tag No.: FV-300510B



**SAMSON AG**  
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 Phone: +49 69 40 09-0  
 Fax: +49 69 40 09-1781  
 Internet: http://www.samson.de

VENDOR  
 DOC. NO.



All dimensions in mm (no scale)

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0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
OWNER : NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس					
PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT					
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی					
TITLE : Pneumatic control valve					
SCALE : NO		ZPC PROJ. NO. 232000		DWG NO.	
SHT :		PIDEC PROJ. NO. 1182		REV 0	

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THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: BR14c  
 Valve Style: Butterfly Valve  
 Valve Size: 8 inch  
 Pressure Rating: Class 150  
 Flange Form: Lug-Type RF-SF  
 Actuator Type: SRP  
 Actuator Size: 2000  
 Weight (kg): 92

616 100  
 Vendor Order Reference  
 Tag No.: FV-300611

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 Fax: +49 69 40 06-1701  
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VENDOR  
 DOC. NO.


All dimensions in mm (no scale)

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0	2004-08-25	Issued for review	V12/mst	V12/it	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER : NATIONAL PETROCHEMICAL COMPANY  
 ZAGROS PETROCHEMICAL COMPLEX  
 شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

 PETROCHEMICAL INDUSTRIES  
 DESIGN & ENGINEERING COMPANY  
 شرکت طراحی و مهندسی صنایع پتروشیمی

 engineering  
**Lurgi**

TITLE : Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDEC PROJ. NO. 1182		

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Valve Type: 3241  
Valve Style: Globe  
Valve Size: 4 inch  
Pressure Rating: Class 300  
Flange Form: RF-SF  
Actuator Type: 3277  
Actuator Size: 700  
Weight (kg): 70

616 100

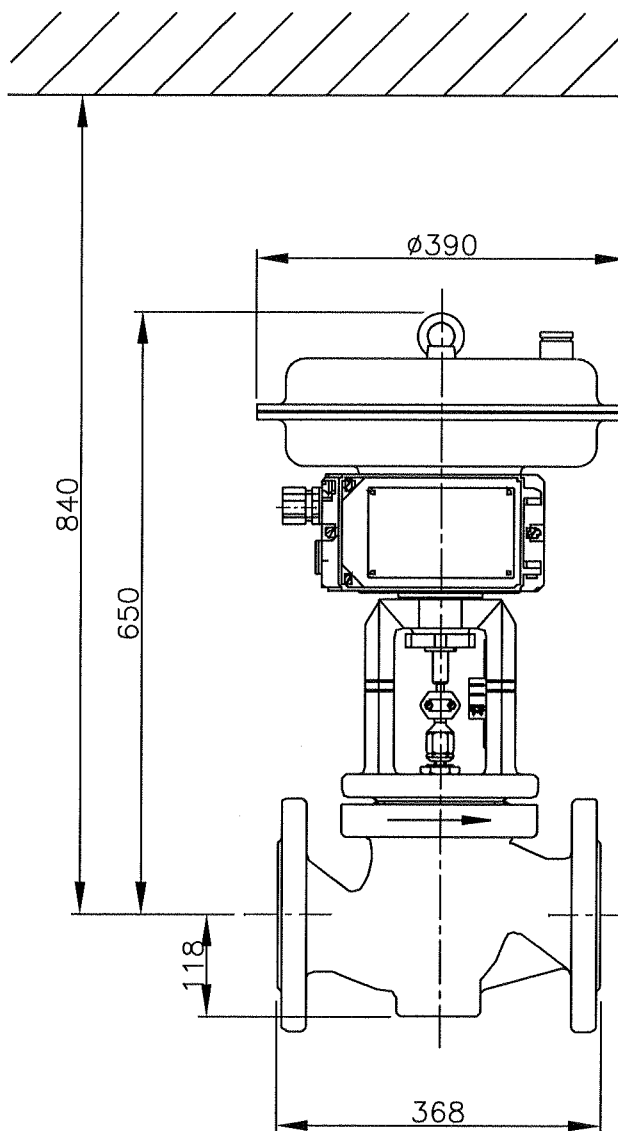
Vendor Order Reference

Tag No.: FV-300920



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Wolfsbühlstrasse 3  
D-62314 Frankfurt am Main  
Phone: +49 69 40 06-0  
Fax: +49 69 40 06-1791  
Internet: http://www.samson.de

VENDOR DOC. NO.



All dimensions in mm (no scale)

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REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER :



NATIONAL PETROCHEMICAL COMPANY  
ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT :

2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

ZPC PROJ. NO. 232000

DWG NO.

REV

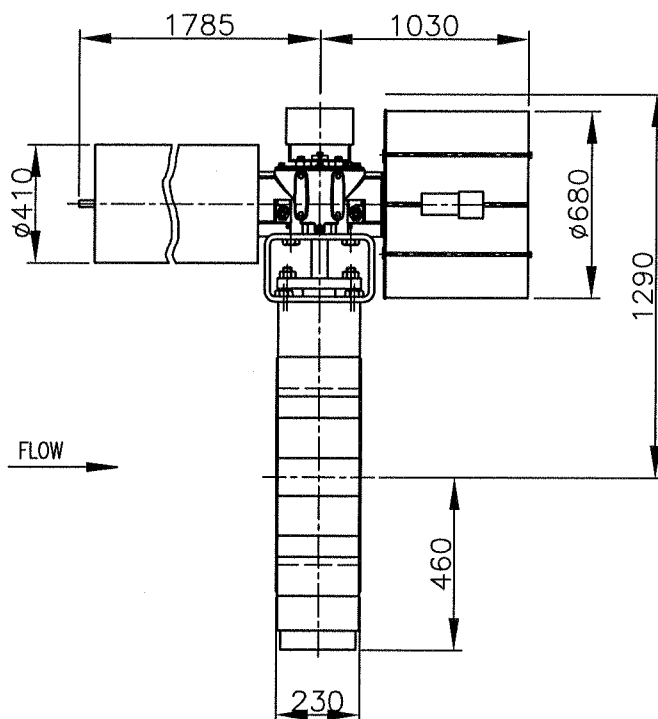
SHT :

PIDEC PROJ. NO. 1182

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Valve Type: LDE  
Valve Style: Butterfly Valve  
Valve Size: 18 inch  
Pressure Rating: Class 900  
Flange Form: Lug-Type RF-SF  
Actuator Type: GP-130S-535/C3  
Actuator Size: .  
Weight (kg): 1750

616 100  
Vendor Order Reference

Tag No.: HV-200204



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Fax: +49 69 40 00-1791  
Internet: http://www.samson.de

VENDOR  
DOC. NO.

All dimensions in mm (no scale)

REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
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OWNER :



NATIONAL PETROCHEMICAL COMPANY  
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شرکت پتروشیمی زاگرس

PROJECT :

2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

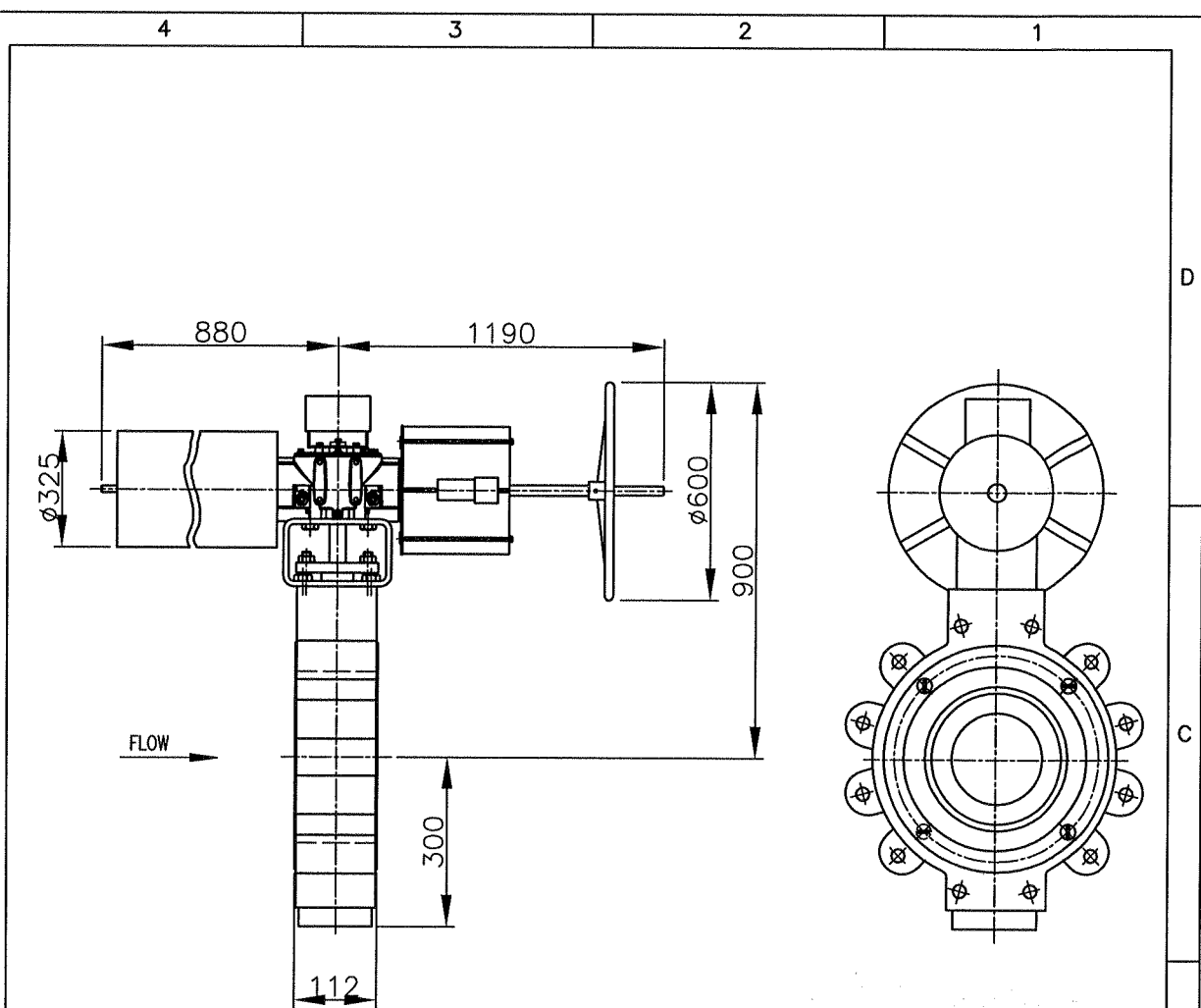
Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDECE PROJ. NO. 1182		

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All dimensions in mm (no scale)																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">3</td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>0</td> <td>2004-08-25</td> <td>Issued for review</td> <td>V12/mst</td> <td>V12/lr</td> <td>V12/di</td> </tr> <tr> <td>REV.</td> <td>DATE</td> <td>DESCRIPTION</td> <td>BY</td> <td>CHECKED</td> <td>APPROVED</td> </tr> </table>				3						2						1						0	2004-08-25	Issued for review	V12/mst	V12/lr	V12/di	REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
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REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED																												
<p>OWNER : NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس</p>																																	
<p>PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT</p>																																	
<p>616 100 Vendor Order Reference</p> <p>Tag No.: HV-200214</p>		<p>PIDEC PETROCHEMICAL INDUSTRIES DESIGN &amp; ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی</p>																															
<p><b>SAMSON AG</b> Mess- und Regeltechnik Welterstrasse 3 D-60314 Frankfurt am Main Phone: +49 69 40 09-0 Fax: +49 69 40 09-1781 Internet: http://www.samson.de</p>		<p><b>engineering Lurgi</b></p>																															
<p>TITLE : Pneumatic control valve</p>																																	
<p>SCALE : NO</p>		<p>ZPC PROJ. NO. 232000 PIDEC PROJ. NO. 1182</p>																															
<p>VENDOR DOC. NO.</p>		<p>DWG NO. REV 0</p>																															

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THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: LDE  
Valve Style: Butterfly Valve  
Valve Size: 8 inch  
Pressure Rating: Class 900  
Flange Form: Lug-Type RF-SF  
Actuator Type: GP-085S-385/C3-MH  
Actuator Size: .  
Weight (kg): 450

616 100  
Vendor Order Reference  
Tag No.: HV-200503



**SAMSON AG**  
Mess- und Regeltechnik  
Volkmannstrasse 3  
D-40314 Frankfurt am Main  
Phone: +49 69 40 09-0  
Fax: +49 69 40 09-1791  
Internet: <http://www.samson.de>

VENDOR  
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0	2004-08-25	Issued for review	V12/mst	V12/lr	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED



OWNER : NATIONAL PETROCHEMICAL COMPANY  
ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE : Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV
SHT : 1	PIDEC PROJ. NO. 1182		0

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THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3251  
Valve Style: Globe  
Valve Size: 3 inch  
Pressure Rating: Class 600  
Flange Form: RF-SF  
Actuator Type: 3277  
Actuator Size: 700  
Weight (kg): 130

616 100

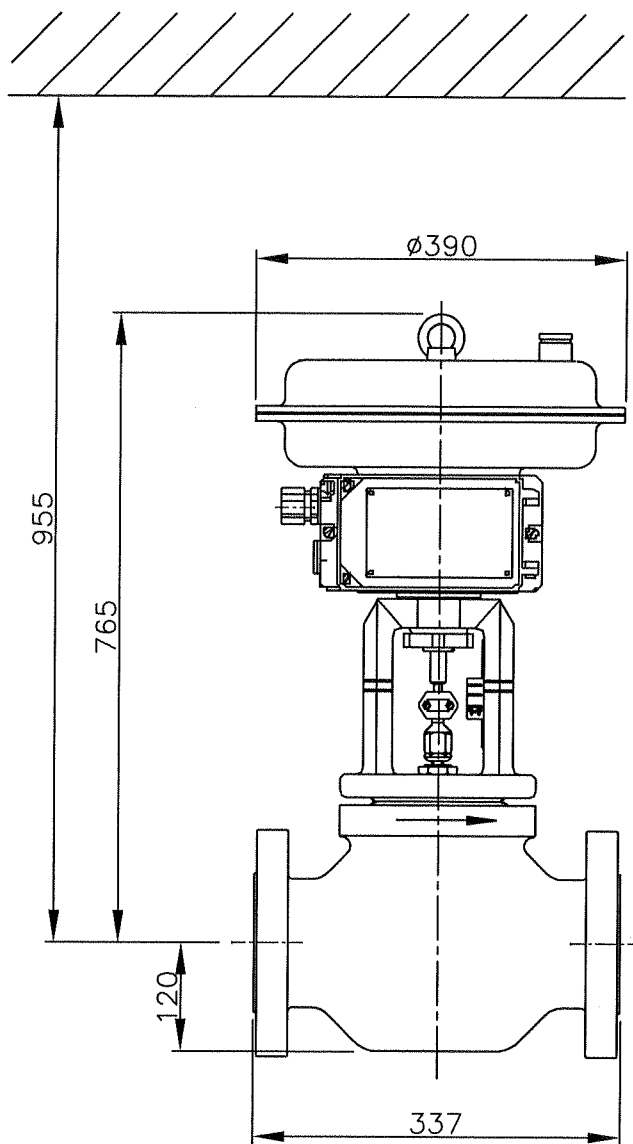
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Tag No.: LV-100411



**SAMSON AG**  
Mess- und Regeltechnik  
Walterstraße 3  
D-40314 Frankfurt am Main  
Phone: +49 69 40 09-0  
Fax: +49 69 40 09-1781  
Internet: http://www.samson.de

VENDOR  
DOC. NO.



All dimensions in mm (no scale)

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REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER :



NATIONAL PETROCHEMICAL COMPANY  
ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDE PROJ. NO. 1182		

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Valve Type: 3251  
Valve Style: Globe  
Valve Size: 6 inch  
Pressure Rating: Class 900  
Flange Form: RF-SF  
Actuator Type: 3271  
Actuator Size: 1400  
Weight (kg): 452

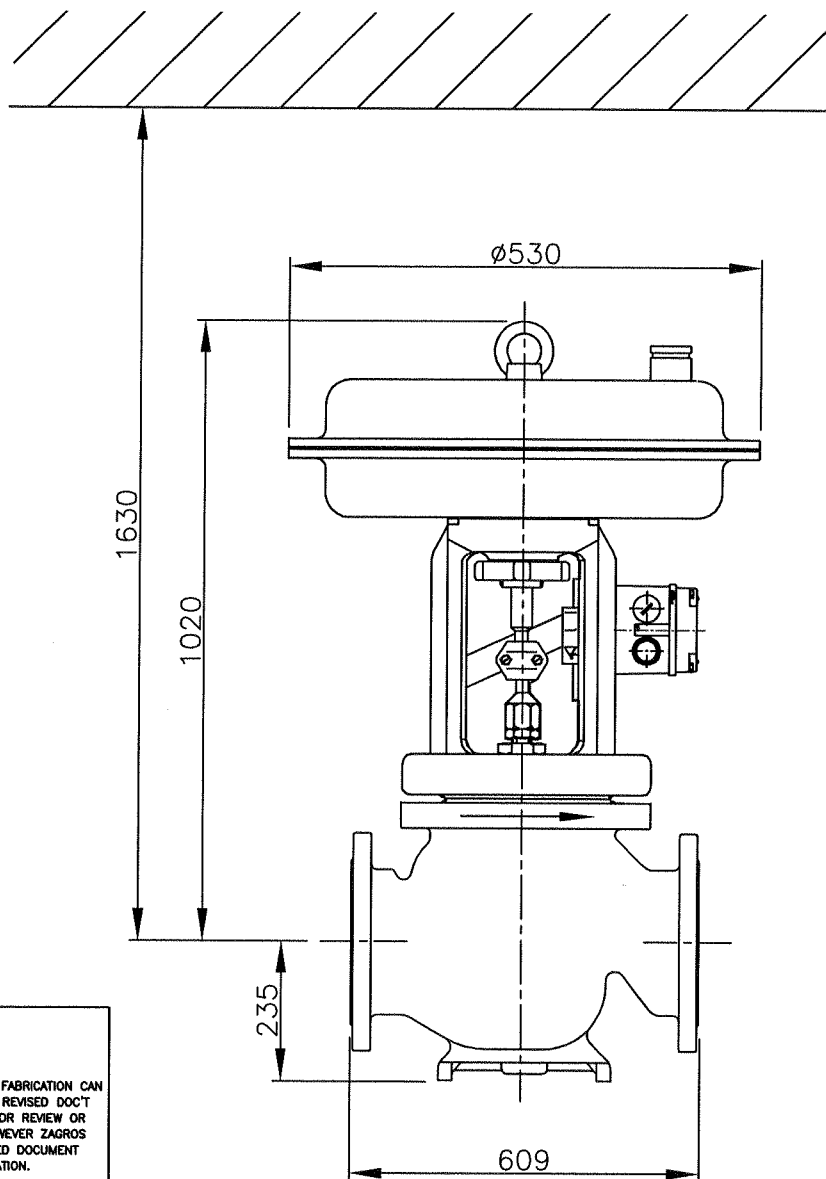
616 100  
Vendor Order Reference

Tag No.: LV-100416



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Mess- und Regeltechnik  
Viehmannslandstrasse 3  
D-60314 Frankfurt am Main  
Phone: +49 69 40 09-0  
Fax: +49 69 40 09-1791  
Internet: http://www.samson.de

VENDOR  
DOC. NO.



All dimensions in mm (no scale)

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0	2004-08-25	Issued for review	V12/mst	V12/lt	V12/di
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شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

DESIGN & ENGINEERING COMPANY  
PIDECC شرکت طراحی و مهندسی صنایع پتروشیمی

engineering  
Lurgi

TITLE : Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDECC PROJ. NO. 1182		

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Valve Type: 3241  
 Valve Style: Globe  
 Valve Size: 2 inch  
 Pressure Rating: Class 300  
 Flange Form: RF-SF  
 Actuator Type: 3277  
 Actuator Size: 350  
 Weight (kg): 29

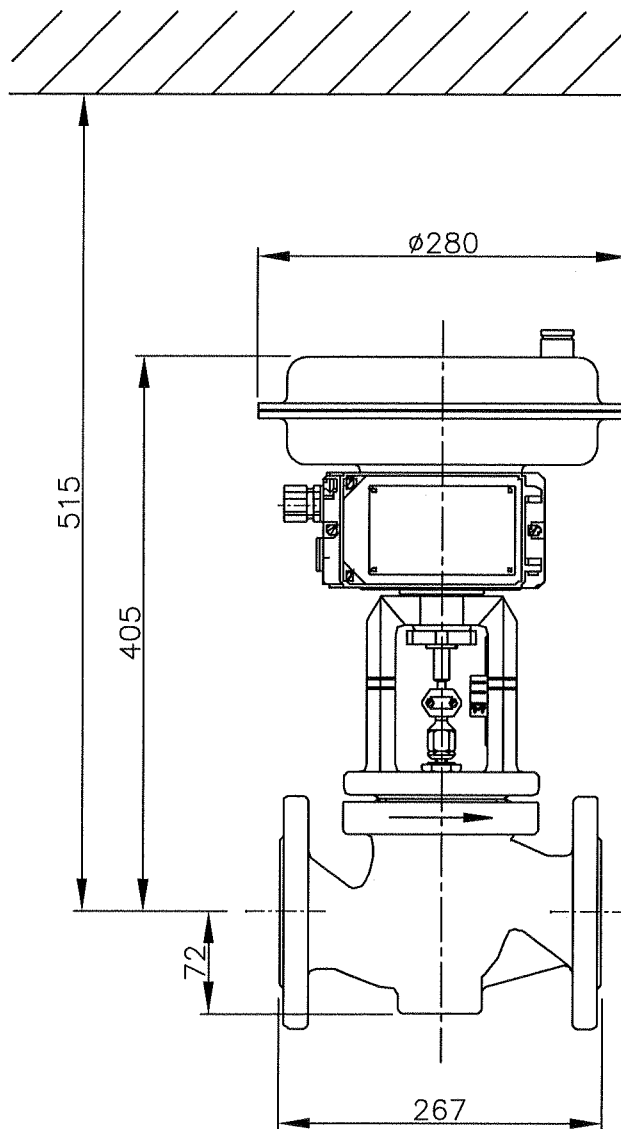
616 100  
 Vendor Order Reference

Tag No.: LV-101308



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 Völklingenstraße 2  
 D-40534 Frankfurt am Main  
 Phone: +49 69 40 09-0  
 Fax: +49 69 40 09-1791  
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VENDOR  
 DOC. NO.



All dimensions in mm (no scale)

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OWNER :



NATIONAL PETROCHEMICAL COMPANY  
 ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT :

2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
 DESIGN & ENGINEERING COMPANY  
 شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDEC PROJ. NO. 1182		

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SIGNATURE DATE

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Valve Type: 3241  
 Valve Style: Globe  
 Valve Size: 3 inch  
 Pressure Rating: Class 300  
 Flange Form: RF-SF  
 Actuator Type: 3277  
 Actuator Size: 350  
 Weight (kg): 44

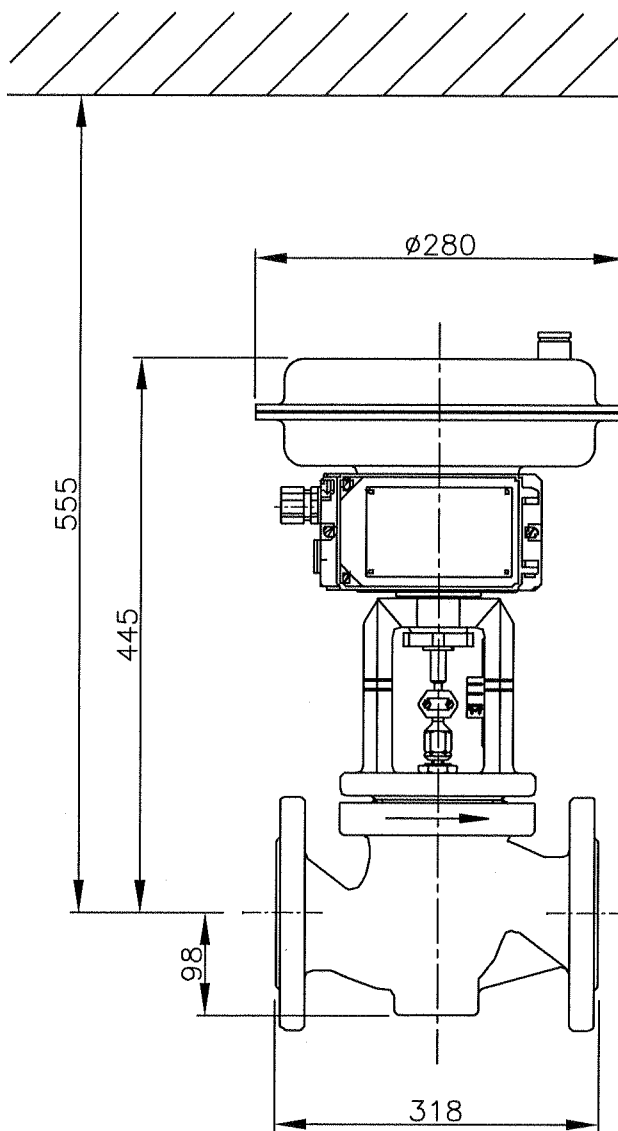
616 100  
 Vendor Order Reference

Tag No.: LV-101309



**SAMSON AG**  
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 Welmenntstrasse 3  
 D-40314 Frankfurt am Main  
 Phone: +49 69 40 08-0  
 Fax: +49 69 40 08-1711  
 Internet: http://www.samson.de

VENDOR  
 DOC. NO.



All dimensions in mm (no scale)

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REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER :



NATIONAL PETROCHEMICAL COMPANY  
 ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
 DESIGN & ENGINEERING COMPANY  
 شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDEC PROJ. NO. 1182		

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DISPOSITION

☐ NO COMMENT

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THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3251 M  
Valve Style: Globe  
Valve Size: 2 inch  
Pressure Rating: Class 900  
Flange Form: RF-SF  
Actuator Type: 3277  
Actuator Size: 700  
Weight (kg): 125

616 100

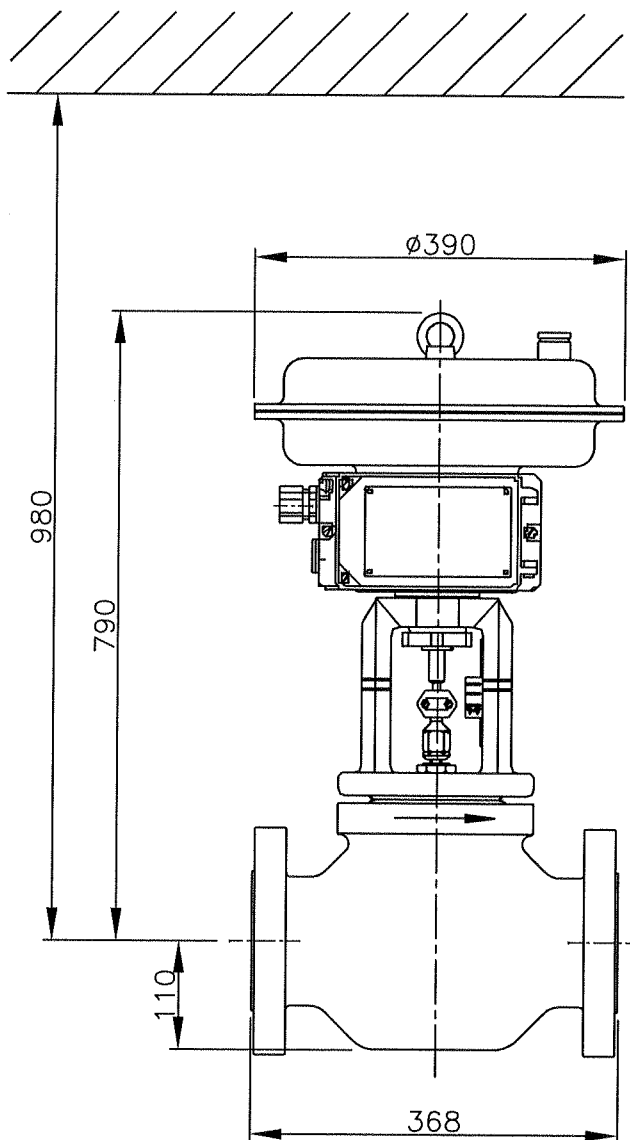
Vendor Order Reference

Tag No.: LV-101512A



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Fax: +49 69 40 09-1791  
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VENDOR  
DOC. NO.



All dimensions in mm (no scale)

3					
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REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER :



NATIONAL PETROCHEMICAL COMPANY  
ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT :

2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

ZPC PROJ. NO. 232000

DWG NO.

REV

SHT :

PIDEC PROJ. NO. 1182

0



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Valve Type: 3251  
Valve Style: Globe  
Valve Size: 4 inch  
Pressure Rating: Class 600  
Flange Form: RF-SF  
Actuator Type: 3277  
Actuator Size: 700  
Weight (kg): 165

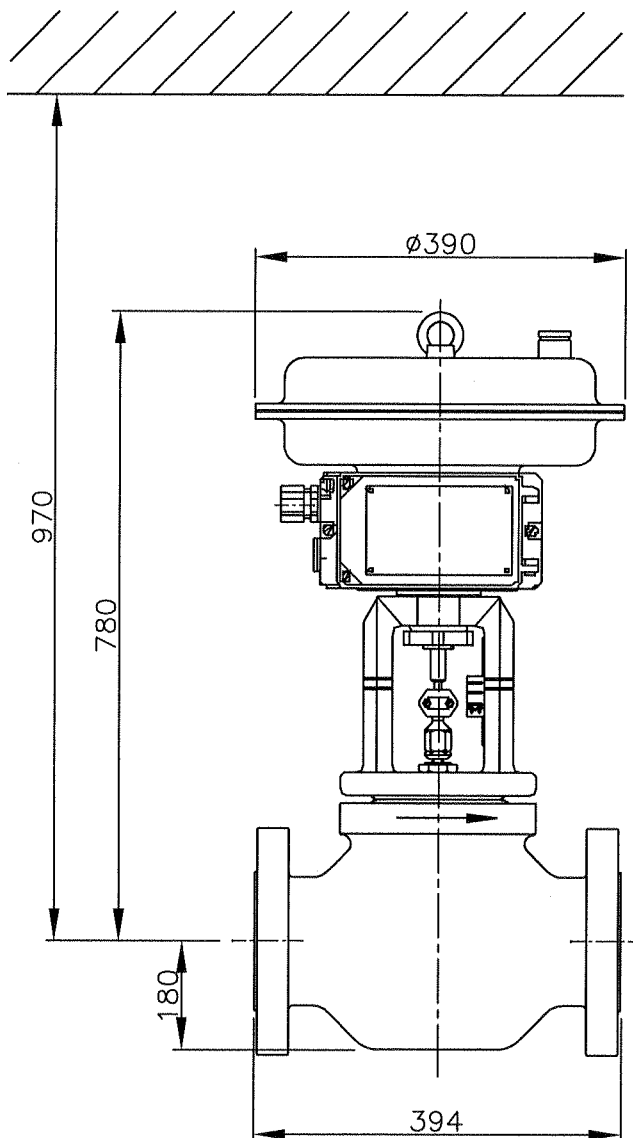
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Vendor Order Reference

Tag No.: LV-101512B



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Fax: +49 69 40 09-1701  
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VENDOR  
DOC. NO.



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REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER :



NATIONAL PETROCHEMICAL COMPANY  
ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT :

2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

ZPC PROJ. NO. 232000

DWG NO.

REV

SHT :

PIDECE PROJ. NO. 1182

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THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3241  
 Valve Style: Globe  
 Valve Size: 2 inch  
 Pressure Rating: Class 300  
 Flange Form: RF-SF  
 Actuator Type: 3277  
 Actuator Size: 350  
 Weight (kg): 29

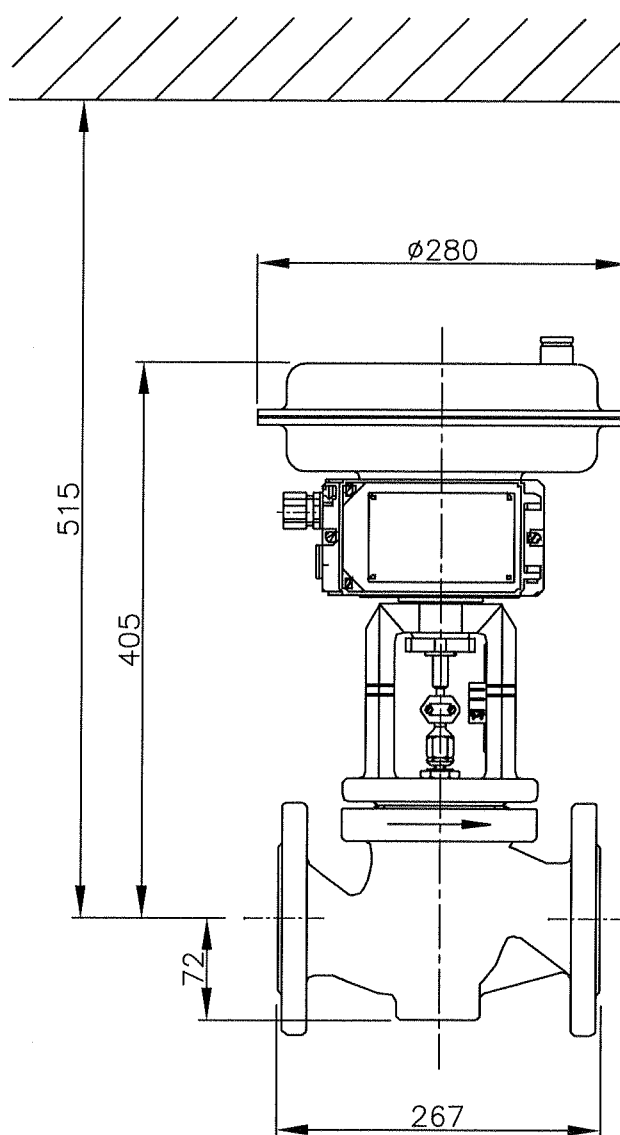
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Tag No.: LV-101602



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VENDOR  
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All dimensions in mm (no scale)

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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
 DESIGN & ENGINEERING COMPANY  
 شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

ZPC PROJ. NO. 232000

DWG NO.

REV

SHT :

PIDEC PROJ. NO. 1182

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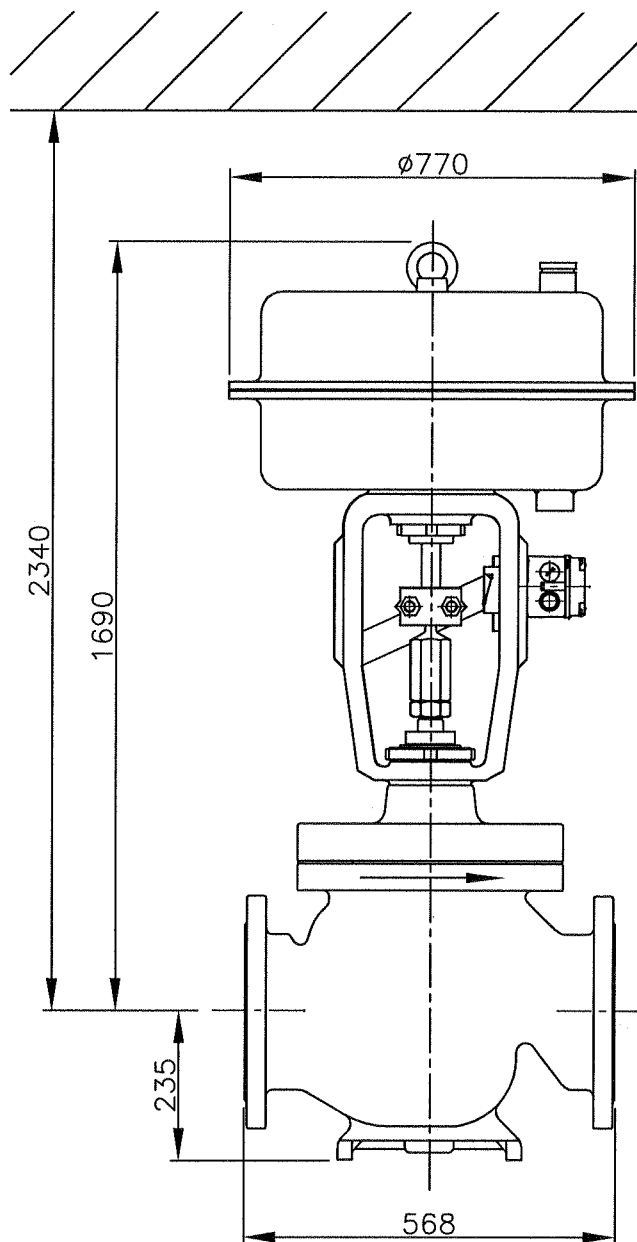
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3241 with AC1 - Trim  
 Valve Style: Globe  
 Valve Size: 8 inch  
 Pressure Rating: Class 300  
 Flange Form: RF-SF  
 Actuator Type: 3271  
 Actuator Size: 2800  
 Weight (kg): 782

616 100  
 Vendor Order Reference  
 Tag No.: LV-150101A

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VENDOR  
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All dimensions in mm (no scale)

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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

 PETROCHEMICAL INDUSTRIES  
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 engineering  
**Lurgi**

TITLE : Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDEC PROJ. NO. 1182		

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THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3241  
Valve Style: Globe  
Valve Size: 4 inch  
Pressure Rating: Class 300  
Flange Form: RF-SF  
Actuator Type: 3277  
Actuator Size: 700  
Weight (kg): 70

616 100

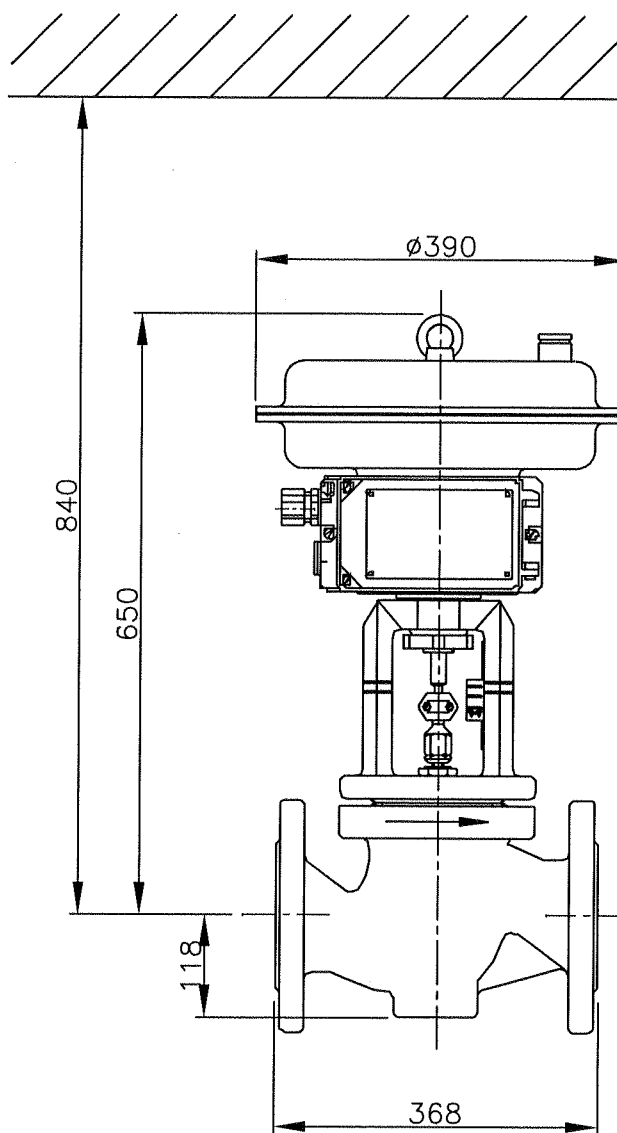
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Tag No.: LV-150406



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Fax: +49 69 40 09-1791  
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VENDOR  
DOC. NO.



All dimensions in mm (no scale)

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OWNER :



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شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

ZPC PROJ. NO. 232000

DWG NO.

REV

SHT :

PIDEDEC PROJ. NO. 1182

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Valve Type: 3241  
Valve Style: Globe  
Valve Size: 2 inch  
Pressure Rating: Class 300  
Flange Form: RF-SF  
Actuator Type: 3277  
Actuator Size: 350  
Weight (kg): 29

616 100

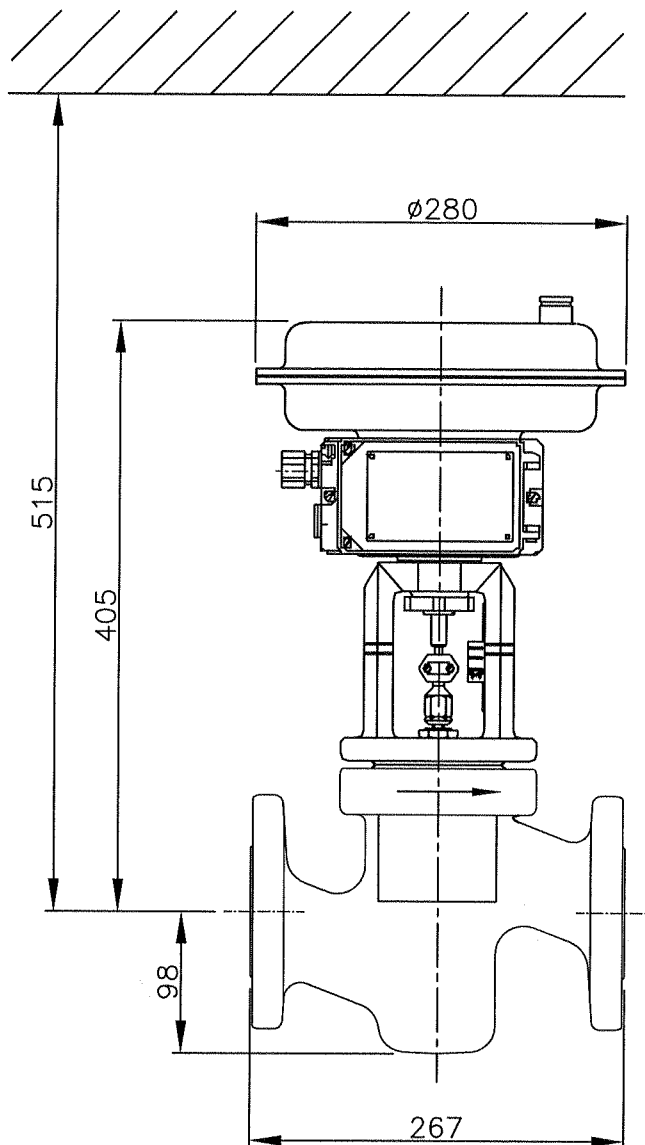
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Tag No.: LV-150505



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Phone: +49 69 40 09-0  
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DOC. NO.



All dimensions in mm (no scale)

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شرکت پتروشیمی زاگرس

PROJECT :

2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

ZPC PROJ. NO. 232000

DWG NO.

REV

SHT :

PIDEC PROJ. NO. 1182

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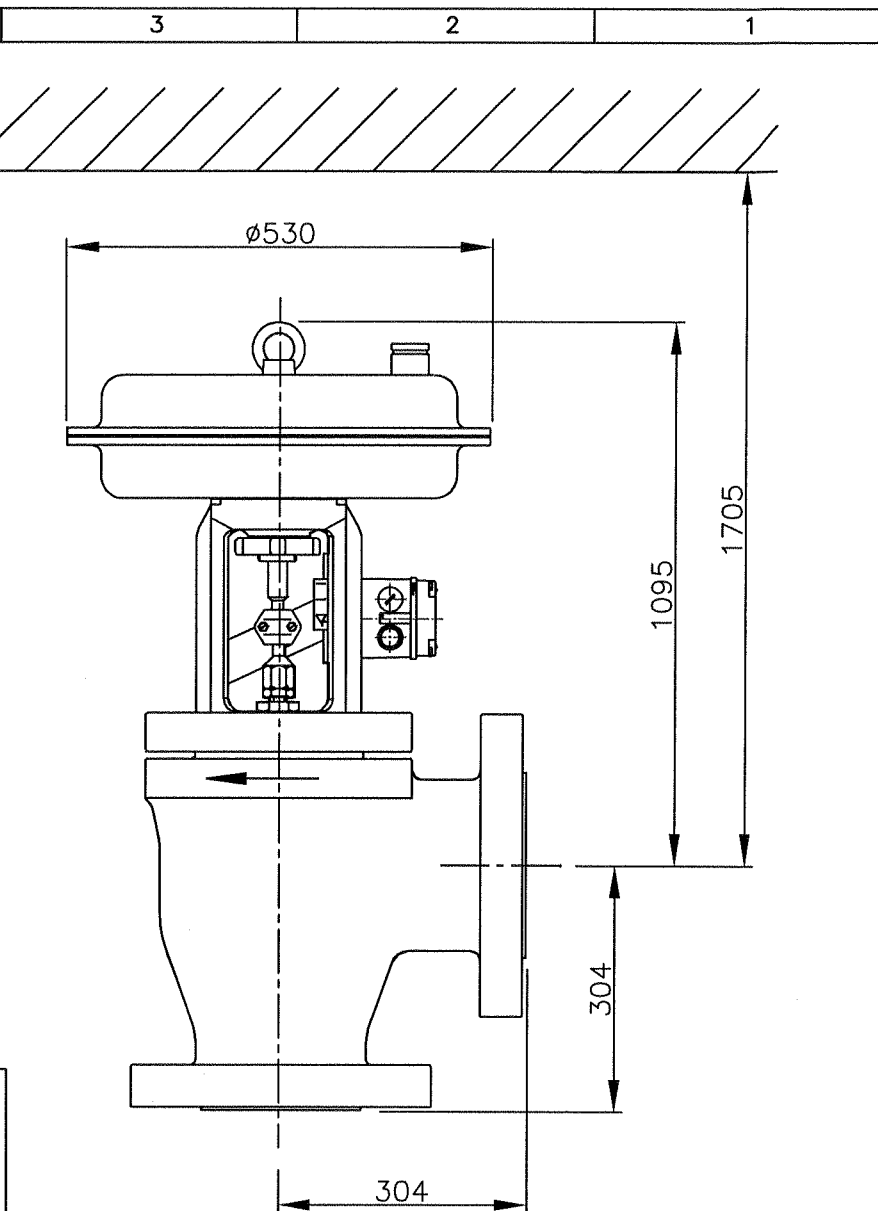
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Valve Style: Angle Valve  
Valve Size: 8 inch  
Pressure Rating: Class 600  
Flange Form: RF-SF  
Actuator Type: 3271  
Actuator Size: 1400  
Weight (kg): 534

616 100  
Vendor Order Reference

Tag No.: LV-200301

**SAMSON AG**  
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D-40514 Frankfurt am Main  
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VENDOR  
DOC. NO.



All dimensions in mm (no scale)

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OWNER : NATIONAL PETROCHEMICAL COMPANY  
ZAGROS PETROCHEMICAL COMPLEX  
شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

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PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

TITLE : Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV
SHT :	PIDEC PROJ. NO. 1182		0

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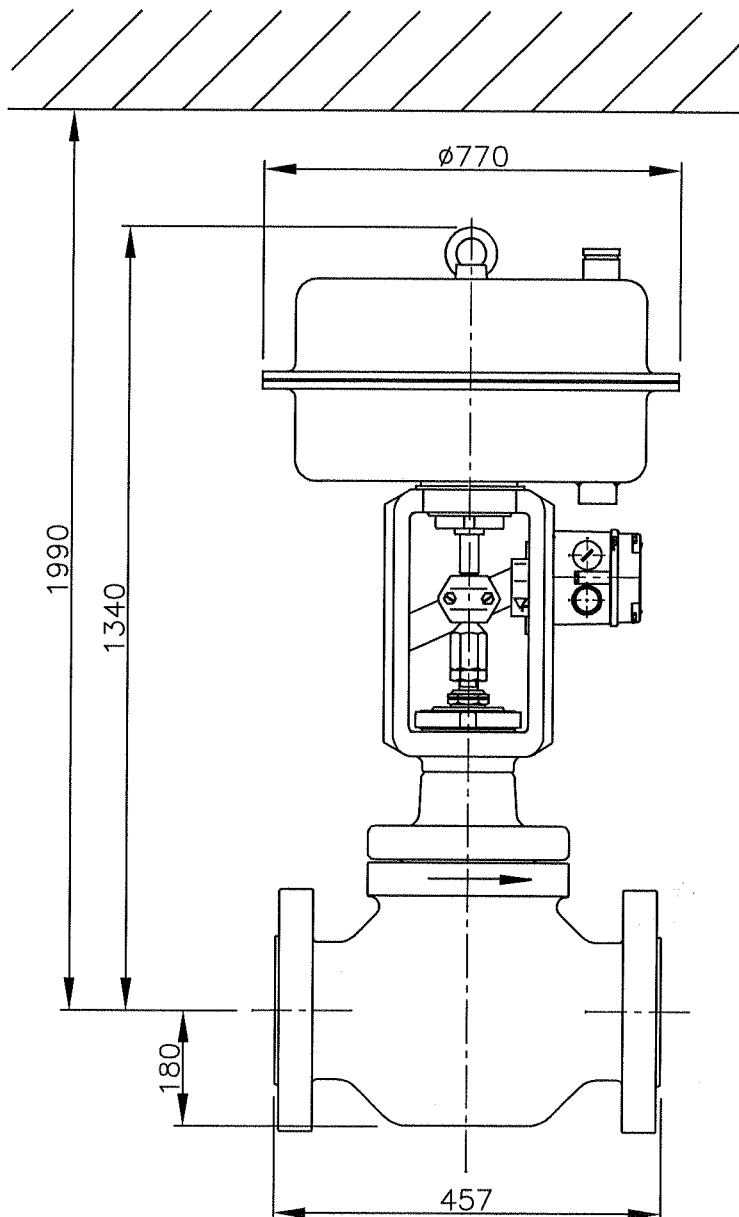
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3251  
 Valve Style: Globe  
 Valve Size: 4 inch  
 Pressure Rating: Class 900  
 Flange Form: RF-SF  
 Actuator Type: 3271  
 Actuator Size: 2800  
 Weight (kg): 612



616 100  
 Vendor Order Reference  
 Tag No.: LV-200403

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 D-60314 Frankfurt am Main  
 Phone: +49 69 40 09-2  
 Fax: +49 69 40 09-1781  
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All dimensions in mm (no scale)

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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT					
 PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی					
TITLE : Pneumatic control valve					
SCALE : NO		ZPC PROJ. NO. 232000	DWG NO.		REV
SHT :		PIDEC PROJ. NO. 1182			0

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Valve Type: 3241  
 Valve Style: Globe  
 Valve Size: 6 inch  
 Pressure Rating: Class 300  
 Flange Form: RF-SF  
 Actuator Type: 3277  
 Actuator Size: 700  
 Weight (kg): 148

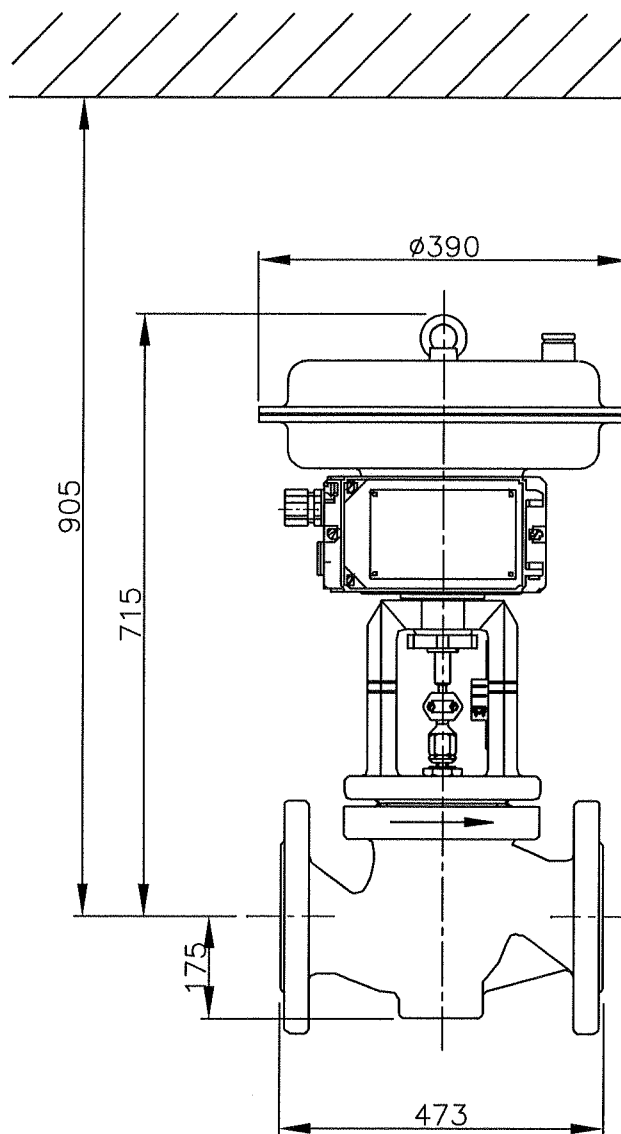
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Tag No.: LV-300101A



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 Weinmuensterstrasse 3  
 D-40014 Frankfurt am Main  
 Phone: +49 69 40 09-0  
 Fax: +49 69 40 09-1781  
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VENDOR  
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All dimensions in mm (no scale)

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0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di
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شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
 DESIGN & ENGINEERING COMPANY  
 شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

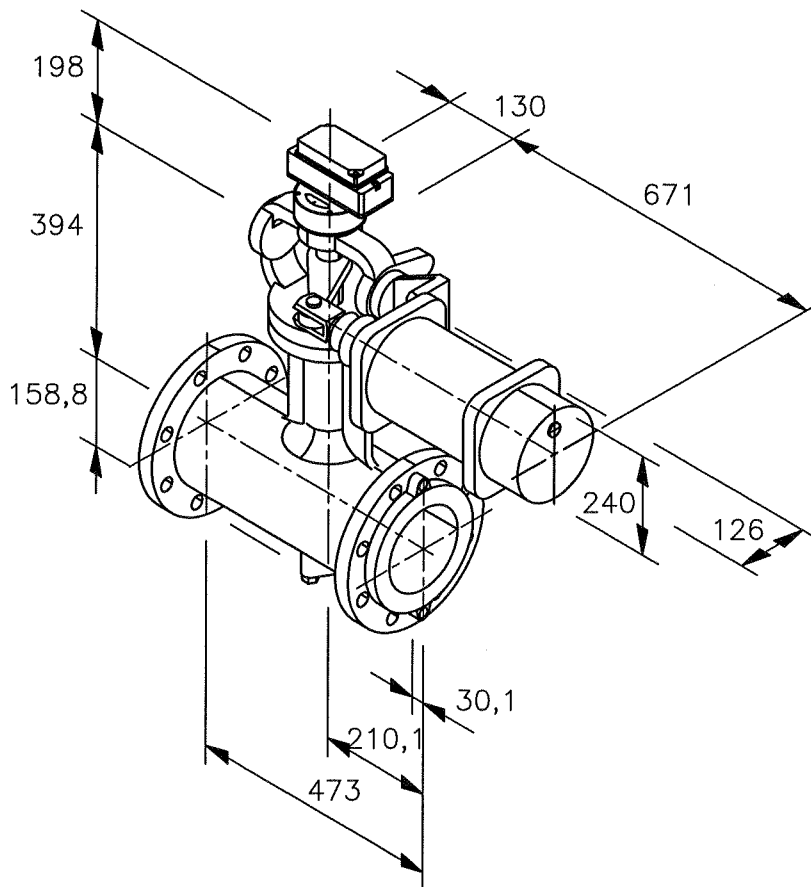
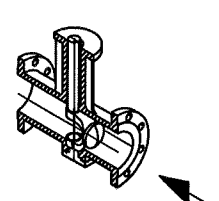
TITLE :

Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV
SHT :	PIDECE PROJ. NO. 1182		0

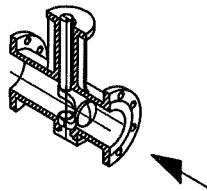
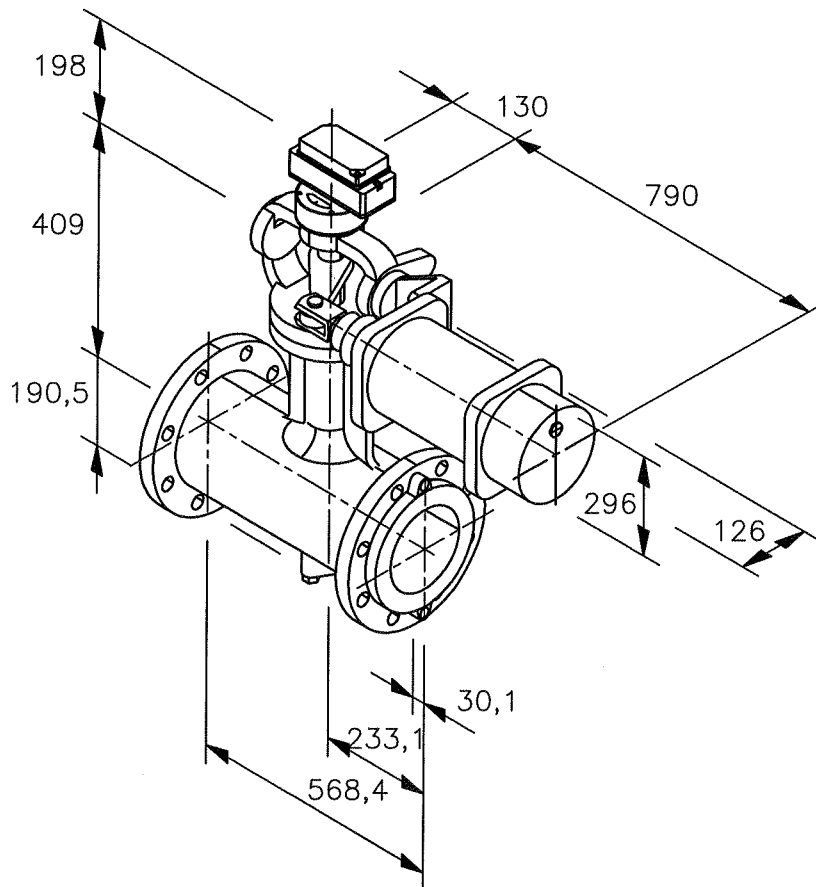


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<p><b>DISPOSITION</b></p> <p><input type="checkbox"/> NO COMMENT</p> <p><input type="checkbox"/> COMMENTS AS MARKED. FABRICATION CAN PROCEED ACCORDINGLY. REVISED DOC'T TO BE ISSUED EITHER FOR REVIEW OR AS FINAL CERTIFIED. HOWEVER ZAGROS WILL CHECK THIS REVISED DOCUMENT FOR PROPER INCORPORATION.</p> <p><input type="checkbox"/> REJECTED DOCUMENT TO BE REISSUED.</p> <p><input type="checkbox"/> USE FOR INFORMATION ONLY.</p> <p>SIGNATURE _____ DATE _____</p> <p>THIS REVIEW &amp; COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.</p>																																	
All dimensions in mm (no scale)																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">3</td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>0</td> <td>2004-08-25</td> <td>Issued for review</td> <td>V12/mst</td> <td>V12/lf</td> <td>V12/di</td> </tr> <tr> <td>REV.</td> <td>DATE</td> <td>DESCRIPTION</td> <td>BY</td> <td>CHECKED</td> <td>APPROVED</td> </tr> </table>				3						2						1						0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di	REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
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0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di																												
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED																												
<p>OWNER : NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس</p>																																	
<p>PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT</p>																																	
<p>616 100 Vendor Order Reference</p> <p>Tag No.: LV-300101B</p>		<p>PTROCHEMICAL INDUSTRIES DESIGN &amp; ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی</p> <p><b>engineering Lurgi</b></p>																															
<p><b>SAMSON AG</b> Mess- und Regeltechnik Welschmühlstrasse 3 D-60314 Frankfurt am Main Phone: +49 69 40 09-0 Fax: +49 69 40 09-1781 Internet: http://www.samson.de</p>		<p>TITLE : Pneumatic control valve</p>																															
<p>VENDOR DOC. NO.</p>		<p>SCALE : NO _____ ZPC PROJ. NO. 232000 SHT : _____ PIDE PROJ. NO. 1182</p>																															
		<p>DWG NO. _____ REV 0</p>																															

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SIGNATURE DATE

All dimensions in mm (no scale)

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Valve Type: 72.1R  
Valve Style: Rotary plug  
Valve Size: 8 inch  
Pressure Rating: Class 300  
Flange Form: RF-SF  
Actuator Type: R250v  
Actuator Size: .  
Weight (kg): 260

616 100

Vendor Order Reference

Tag No.: LV-300202



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0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER :



NATIONAL PETROCHEMICAL COMPANY  
ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT :

2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV
SHT :	PIDEC PROJ. NO. 1182		0

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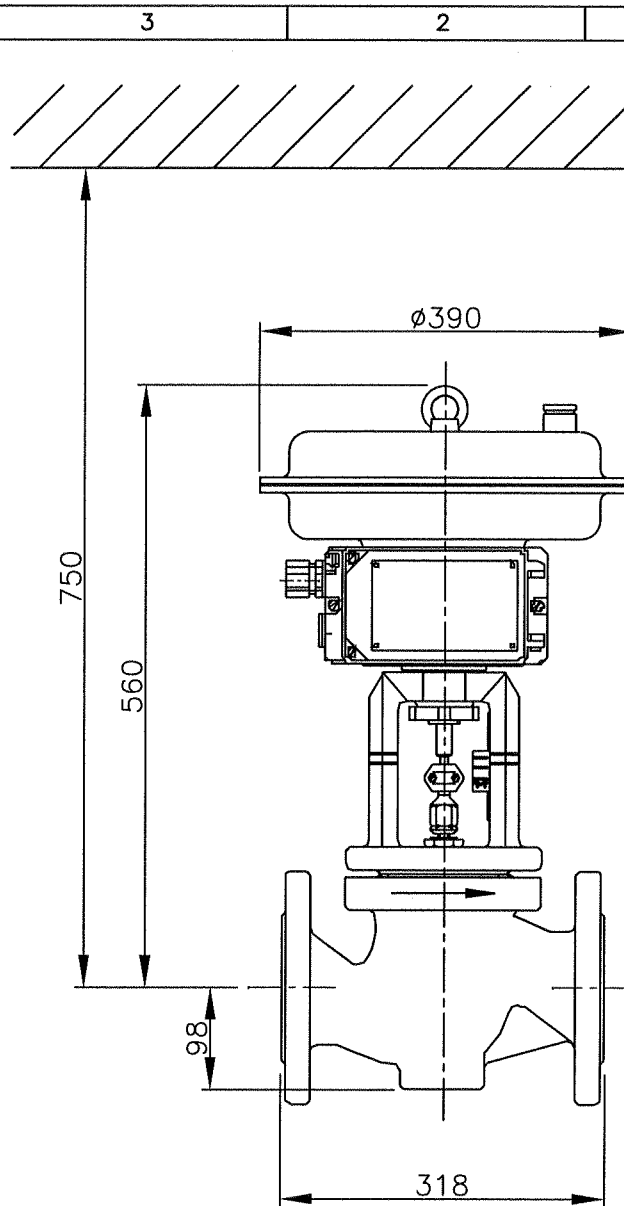
Valve Type:	3241
Valve Style:	Globe
Valve Size:	3 inch
Pressure Rating:	Class 300
Flange Form:	RF-SF
Actuator Type:	3277
Actuator Size:	700
Weight (kg):	58

616 100  
Vendor Order Reference

Tag No.: LV-300203

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VENDOR DOC. NO. \_\_\_\_\_


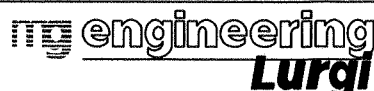


All dimensions in mm (no scale)

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0	2004-08-25	Issued for review	V12/mst	V12/ff	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER : NATIONAL PETROCHEMICAL COMPANY  
ZAGROS PETROCHEMICAL COMPLEX  
شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

	PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی	
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TITLE : Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDEC PROJ. NO. 1182		

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Valve Type: 72.1R  
Valve Style: Rotary plug  
Valve Size: 6 inch  
Pressure Rating: Class 300  
Flange Form: RF-SF  
Actuator Type: R200  
Actuator Size: .  
Weight (kg): 150

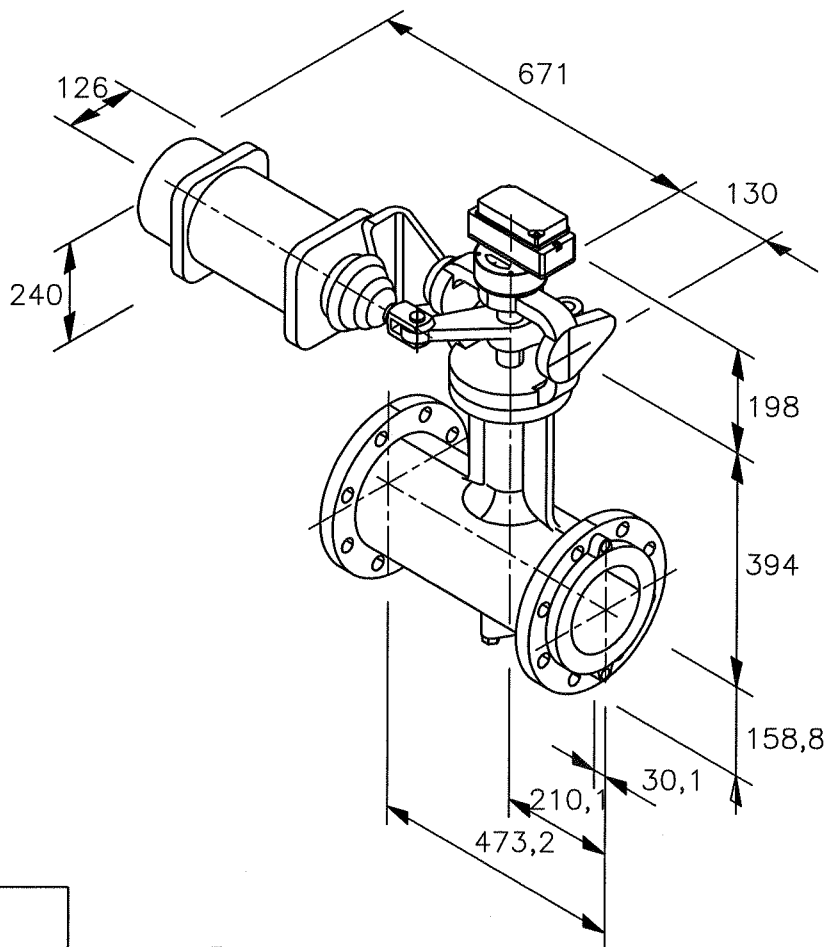
616 100  
Vendor Order Reference

Tag No.: LV-300305



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VENDOR  
DOC. NO.



All dimensions in mm (no scale)

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0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
OWNER : NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس					
PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT					
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی					
TITLE : Pneumatic control valve					
SCALE : NO		ZPC PROJ. NO. 232000	DWG NO.		REV
SHT :		PIDEC PROJ. NO. 1182			0

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**DISPOSITION**

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Valve Type:	3251
Valve Style:	Globe
Valve Size:	4 inch
Pressure Rating:	Class 600
Flange Form:	RF-SF
Actuator Type:	3271
Actuator Size:	1400
Weight (kg):	209

616 100	
Vendor Order Reference	
Tag No.: LV-300406	

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0	2004-08-25	Issued for review	V12/mst	V12/lr	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER :

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

NATIONAL PETROCHEMICAL COMPANY  
ZAGROS PETROCHEMICAL COMPLEX  
**شرکت پتروشیمی زاگرس**

PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

TITLE :

Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV
SHT :	PIDEC PROJ. NO. 1182		0

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Valve Type: 3241  
 Valve Style: Globe  
 Valve Size: 8 inch  
 Pressure Rating: Class 300  
 Flange Form: RF-SF  
 Actuator Type: 3271  
 Actuator Size: 1400  
 Weight (kg): 402

616 100

Vendor Order Reference

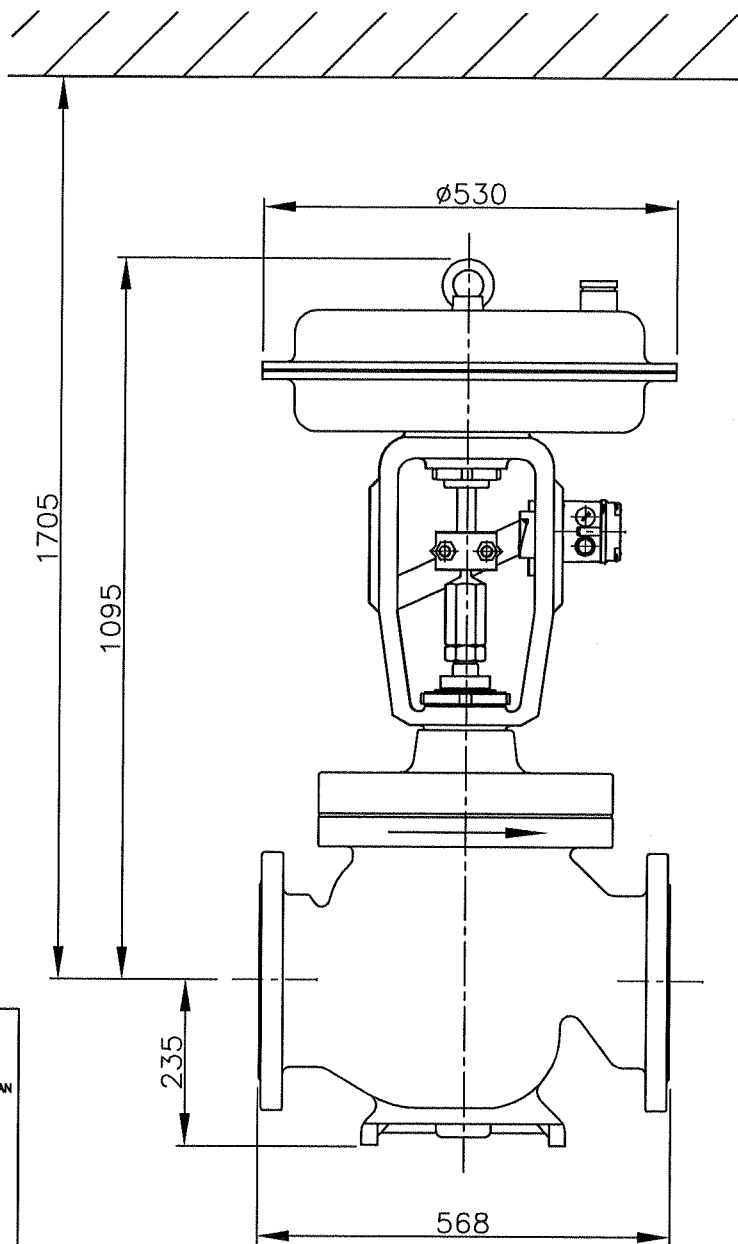
Tag No.: LV-300407



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VENDOR  
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0	2004-08-25	Issued for review	V12/mst	V12/lr	V12/di
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OWNER : NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس					
PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT					
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی					
TITLE : Pneumatic control valve					
SCALE : NO		ZPC PROJ. NO. 232000		DWG. NO.	
SHT : 1		PIDE PROJ. NO. 1182		REV 0	



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- DISPOSITION
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Valve Type: 3241  
Valve Style: Globe  
Valve Size: 4 inch  
Pressure Rating: Class 300  
Flange Form: RF-SF  
Actuator Type: 3277  
Actuator Size: 700  
Weight (kg): 70

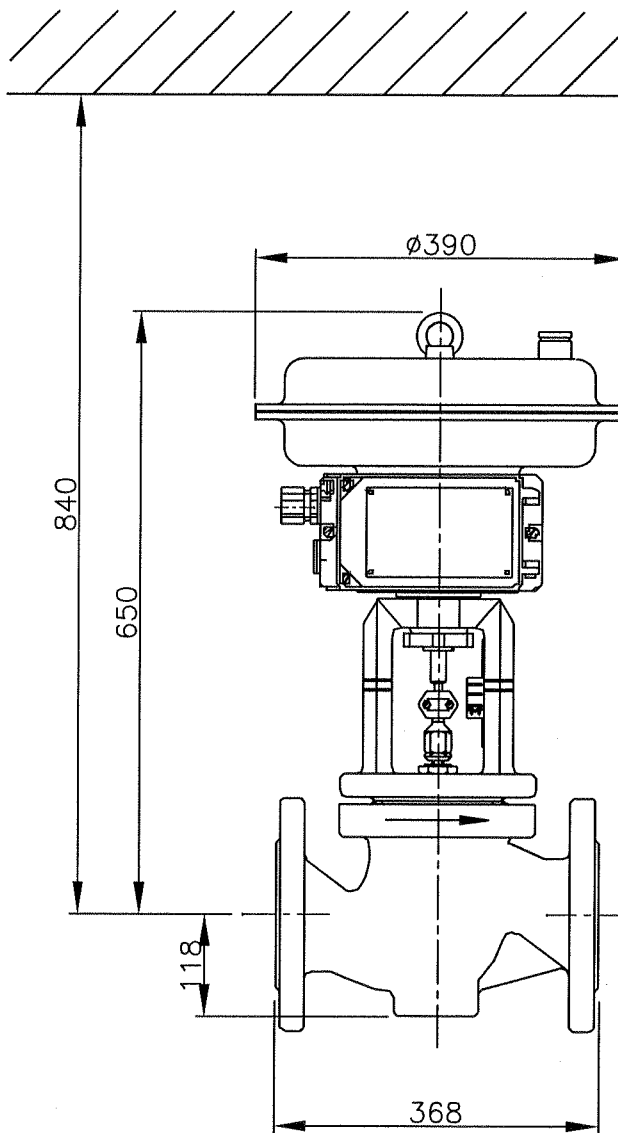
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Vendor Order Reference

Tag No.: LV-300508



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Fax: +49 69 40 09-1791  
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VENDOR  
DOC. NO.



All dimensions in mm (no scale)

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0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di
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OWNER :



NATIONAL PETROCHEMICAL COMPANY  
ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT :

2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDEDEC PROJ. NO. 1182		

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Valve Type: 3251  
Valve Style: Globe  
Valve Size: 3 inch  
Pressure Rating: Class 600  
Flange Form: RF-SF  
Actuator Type: 3271  
Actuator Size: 1400  
Weight (kg): 174

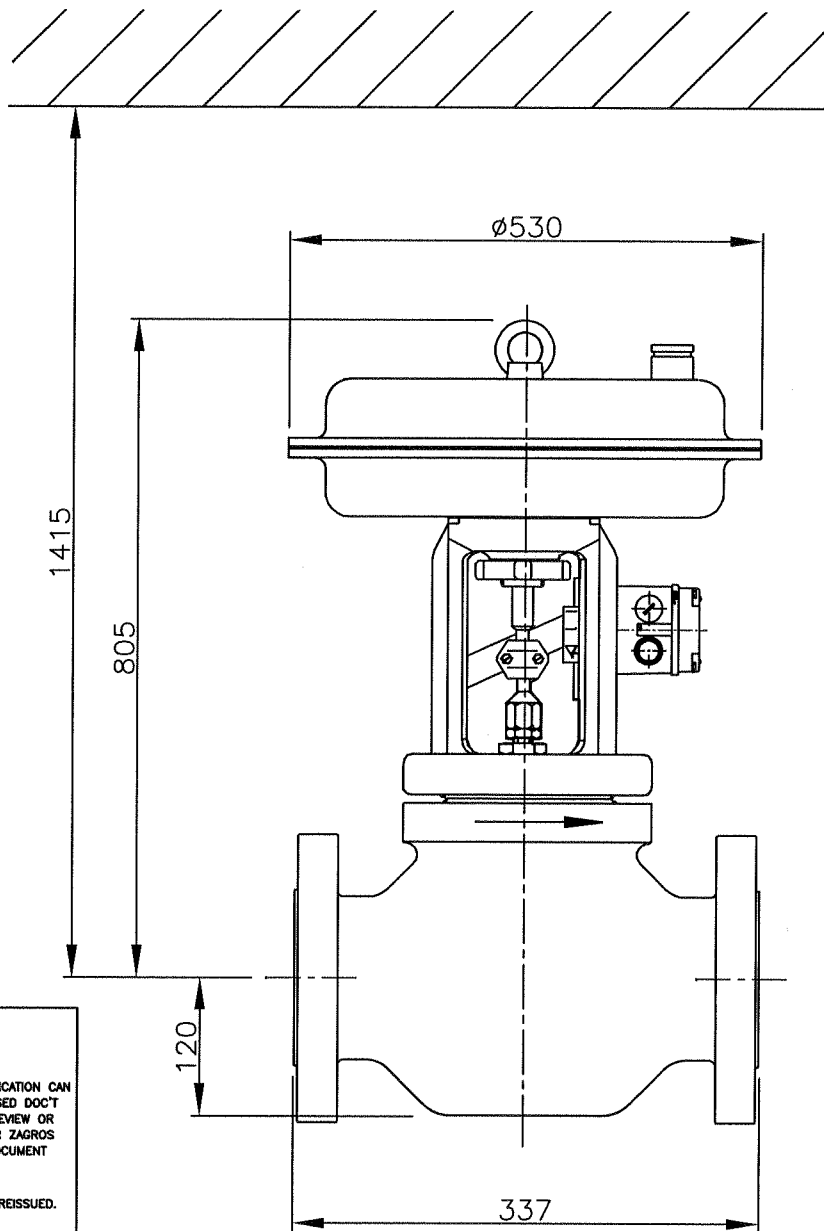
616 100  
Vendor Order Reference

Tag No.: LV-300609



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VENDOR  
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All dimensions in mm (no scale)

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0	2004-08-25	Issued for review	V12/mst	V12/lr	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
OWNER : NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس					
PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT					
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی			engineering Lurgi		
TITLE : Pneumatic control valve					
SCALE : NO		ZPC PROJ. NO. 232000	DWG NO.		REV
SHT :		PIDEC PROJ. NO. 1182			0



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Valve Type: 3241  
Valve Style: Globe  
Valve Size: 6 inch  
Pressure Rating: Class 300  
Flange Form: RF-SF  
Actuator Type: 3277  
Actuator Size: 700  
Weight (kg): 148

616 100

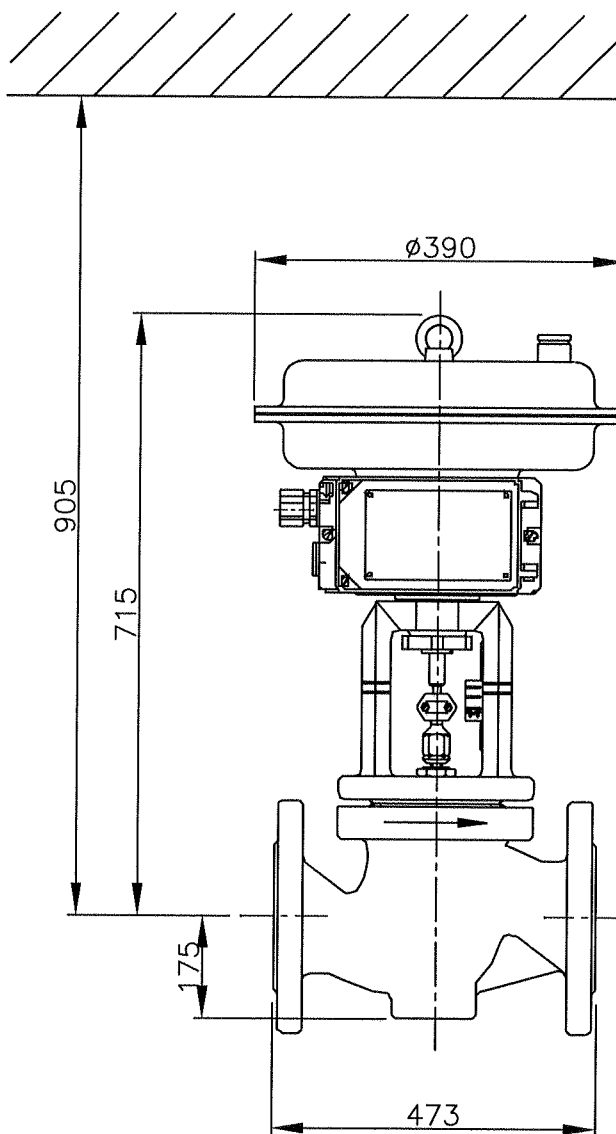
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Tag No.: LV-300910



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D-40014 Frankfurt am Main  
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Fax: +49 69 40 08-1701  
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VENDOR  
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All dimensions in mm (no scale)

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0	2004-08-25	Issued for review	V12/mst	V12/lr	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
OWNER : NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس					
PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT					
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی					
TITLE : Pneumatic control valve					
SCALE : 1/10		ZPC PROJ. NO. 232000	DWG NO.		REV
SHT : 1		PIDEC PROJ. NO. 1182			0

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Valve Type: 3241  
 Valve Style: Globe  
 Valve Size: 2 inch  
 Pressure Rating: Class 300  
 Flange Form: RF-SF  
 Actuator Type: 3277  
 Actuator Size: 350  
 Weight (kg): 29

616 100

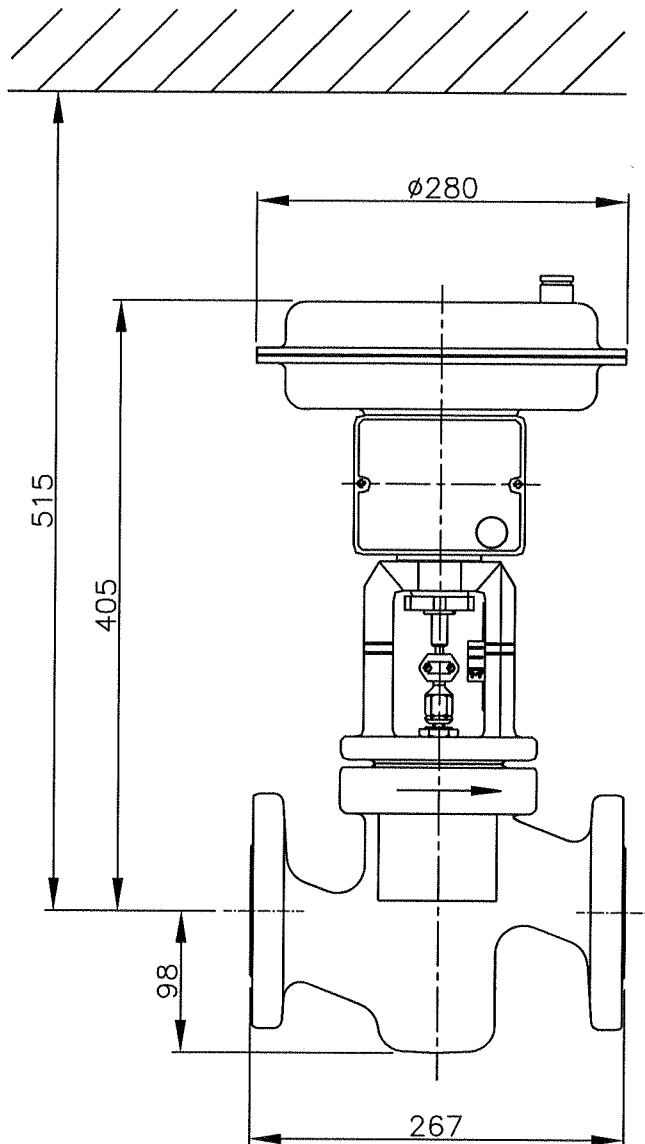
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Tag No.: LV-600301



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VENDOR  
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All dimensions in mm (no scale)

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0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
OWNER : NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس					
PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT					
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی					
TITLE : Pneumatic control valve					
SCALE : NO		ZPC PROJ. NO. 232000	DWG NO.		REV
SHT :		PIDEC PROJ. NO. 1182			0

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**DISPOSITION**

☐ NO COMMENT

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THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 511K  
 Valve Style: Self operating valve  
 Valve Size: 1 inch  
 Pressure Rating: Class 600  
 Flange Form: RF-SF  
 Actuator Type: .  
 Actuator Size: .  
 Weight (kg): 22

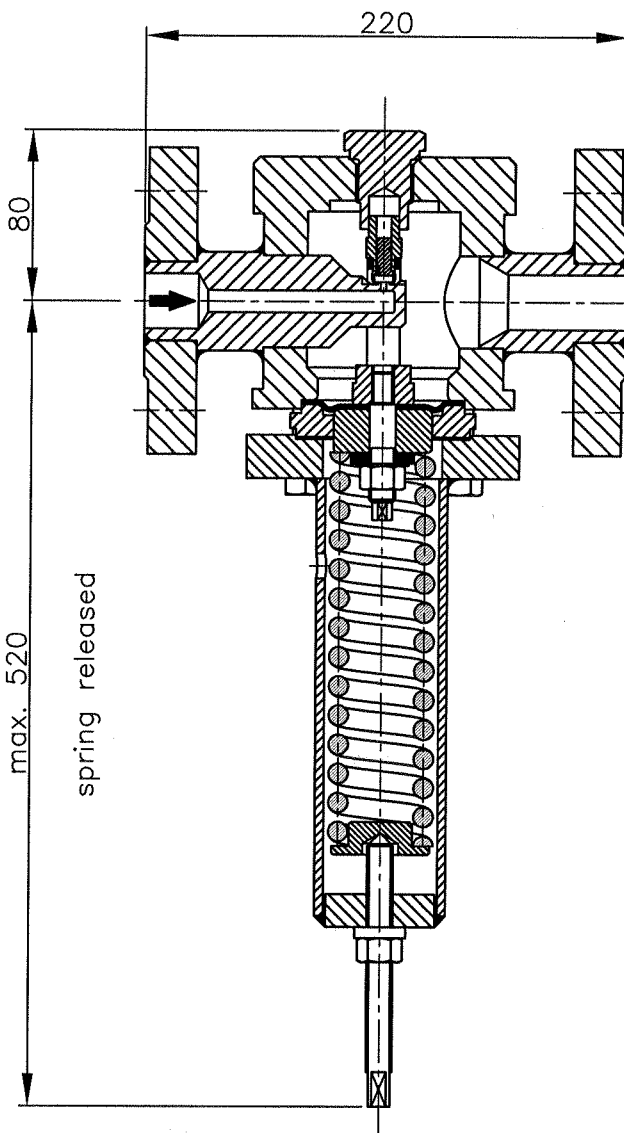
616 100  
 Vendor Order Reference

Tag No.: PCV-100181



**SAMSON AG**  
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 Phone: +49 69 40 09-0  
 Fax: +49 69 40 09-1791  
 Internet: http://www.samson.de

VENDOR  
 DOC. NO.



All dimensions in mm (no scale)

3					
2					
1					
0	2004-08-25	Issued for review	V12/mst	V12/ff	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER : NATIONAL PETROCHEMICAL COMPANY  
 ZAGROS PETROCHEMICAL COMPLEX  
 شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

PETROCHEMICAL INDUSTRIES  
 DESIGN & ENGINEERING COMPANY  
 شرکت طراحی و مهندسی صنایع پتروشیمی

engineering  
**Lurgi**

TITLE : Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG. NO.	REV
SHT : 1	PIDEC PROJ. NO. 1182		0

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SIGNATURE DATE

THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 511K  
Valve Style: Self operating valve  
Valve Size: 1 inch  
Pressure Rating: Class 600  
Flange Form: RF-SF  
Actuator Type: .  
Actuator Size: .  
Weight (kg): 22

616 100

Vendor Order Reference

Tag No.: PCV-100182

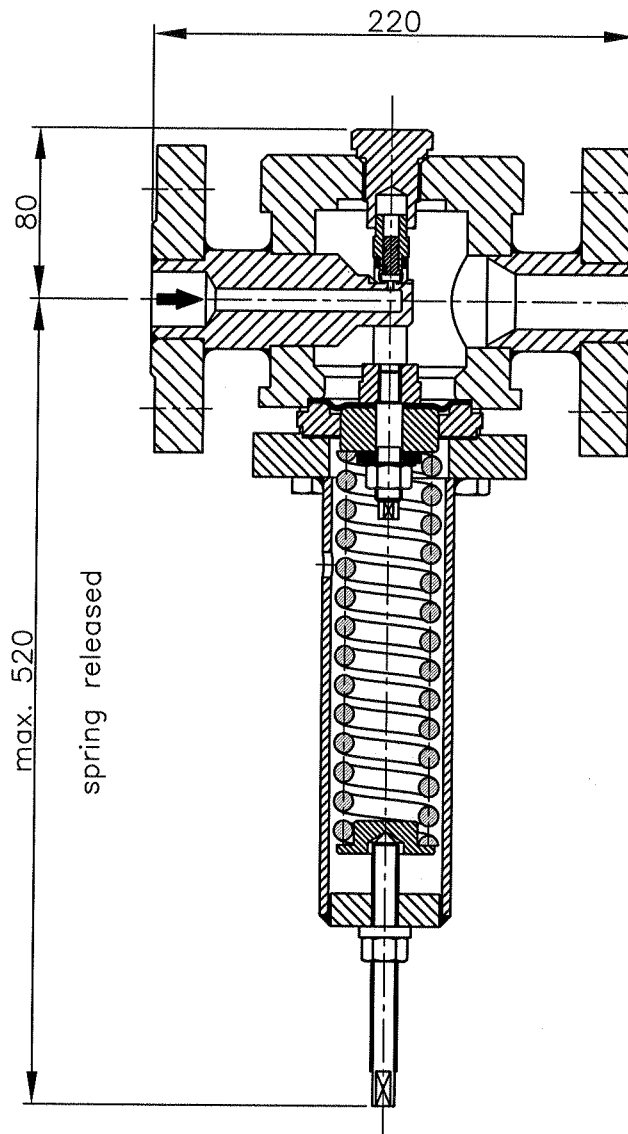


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Internet: http://www.samson.de

VENDOR  
DOC. NO.

3					
2					
1					
0	2004-08-25	Issued for review	V12/mst	V12/lr	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
OWNER : NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس					
PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT					
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی		engineering Lurgi			
TITLE : Pneumatic control valve					
SCALE : NO		ZPC PROJ. NO. 232000	DWG NO.		REV
SHT : .		PIDEC PROJ. NO. 1182			0

All dimensions in mm (no scale)



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**DISPOSITION**

☐ NO COMMENT

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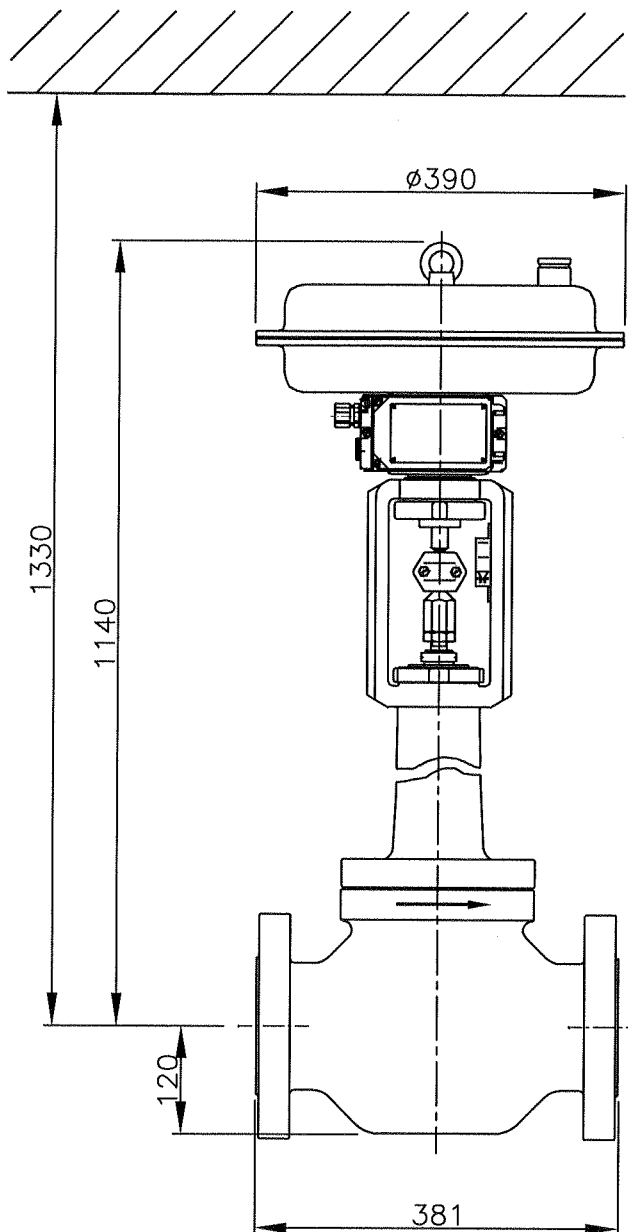
Valve Type: 3251/bellows with flow  
Valve Style: Globe  
Valve Size: 3 inch  
Pressure Rating: Class 900  
Flange Form: RF-SF  
Actuator Type: 3277  
Actuator Size: 700  
Weight (kg): 158

616 100  
Vendor Order Reference  
Tag No.: PV-100201



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DOC. NO.



All dimensions in mm (no scale)

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0	2004-08-25	Issued for review	V12/mst	V12/lr	V12/di
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OWNER :



NATIONAL PETROCHEMICAL COMPANY  
ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT :

2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

ZPC  
PROJ. NO. 232000

DWG NO.

REV

SHT :

PIDEC  
PROJ. NO. 1182

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THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3241  
Valve Style: Globe  
Valve Size: 4 inch  
Pressure Rating: Class 300  
Flange Form: RF-SF  
Actuator Type: 3277  
Actuator Size: 700  
Weight (kg): 70

616 100

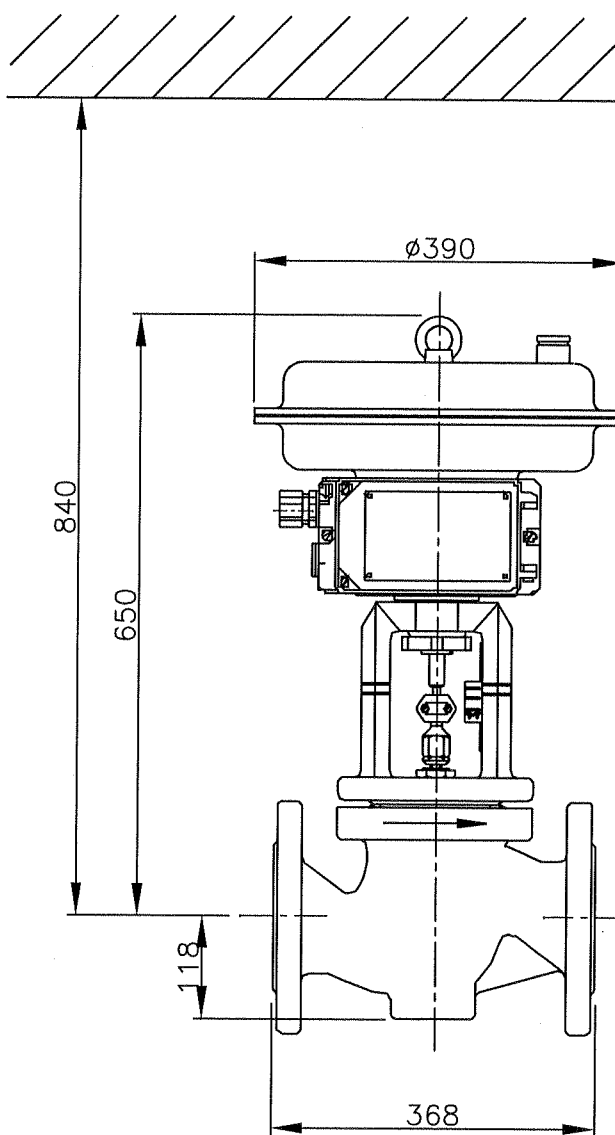
Vendor Order Reference

Tag No.: PV-100513



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VENDOR  
DOC. NO.



All dimensions in mm (no scale)

3					
2					
1					
0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di
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شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : 1/10

SHT :

ZPC  
PROJ. NO. 232000  
PIDEC  
PROJ. NO. 1182

DWG NO.

REV

0

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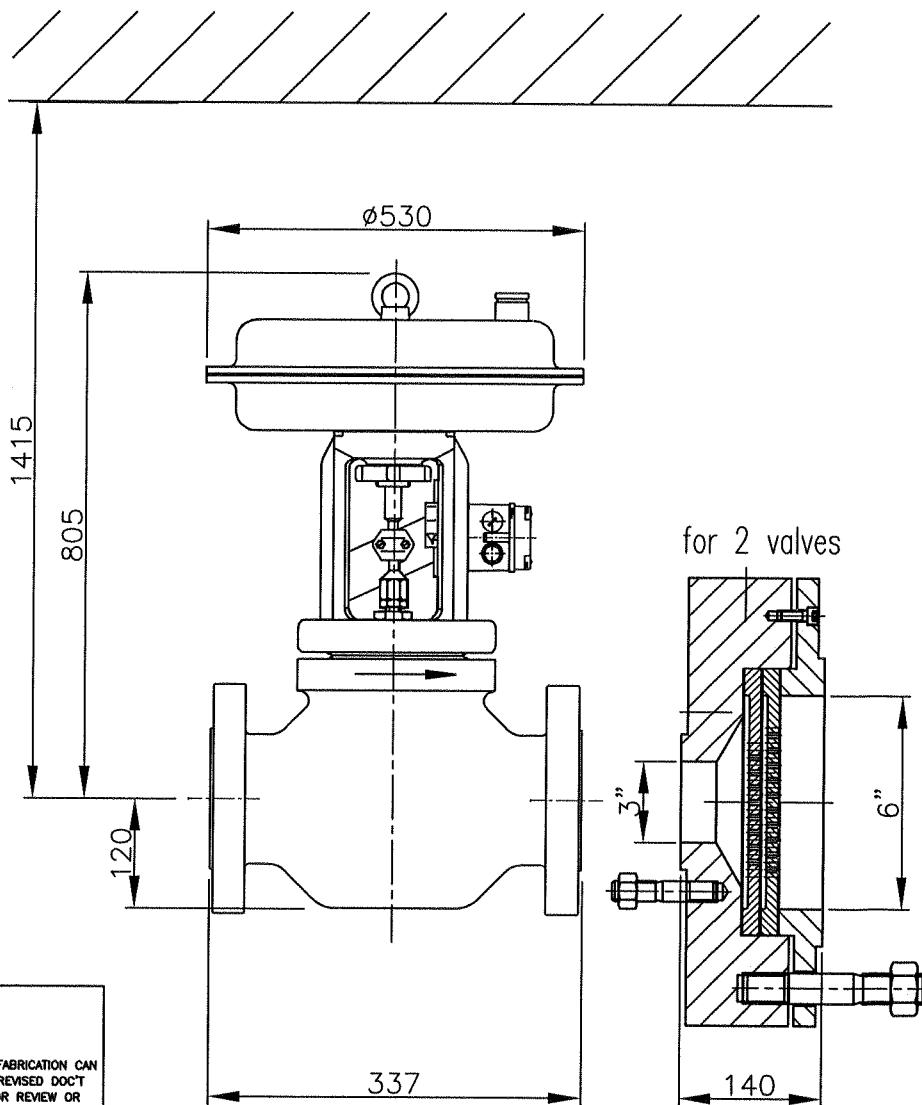
Valve Type: 3251 with flowdivider III  
 Valve Style: Globe  
 Valve Size: 3 inch  
 Pressure Rating: Class 600  
 Flange Form: RF-SF  
 Actuator Type: 3271  
 Actuator Size: 1400  
 Weight (kg): 269

616 100  
 Vendor Order Reference  
 Tag No.: PV-100529A



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VENDOR  
 DOC. NO.



All dimensions in mm (no scale)

REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
3					
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1					
0	2004-08-25	Issued for review	V12/mst	V12/lr	V12/di

OWNER :



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 ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT :

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PETROCHEMICAL INDUSTRIES  
 DESIGN & ENGINEERING COMPANY  
 شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDEC PROJ. NO. 1182		

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DISPOSITION

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SIGNATURE DATE

THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3251 with flowdivider III  
Valve Style: Globe  
Valve Size: 3 inch  
Pressure Rating: Class 600  
Flange Form: RF-SF  
Actuator Type: 3271  
Actuator Size: 1400  
Weight (kg): 269

616 100

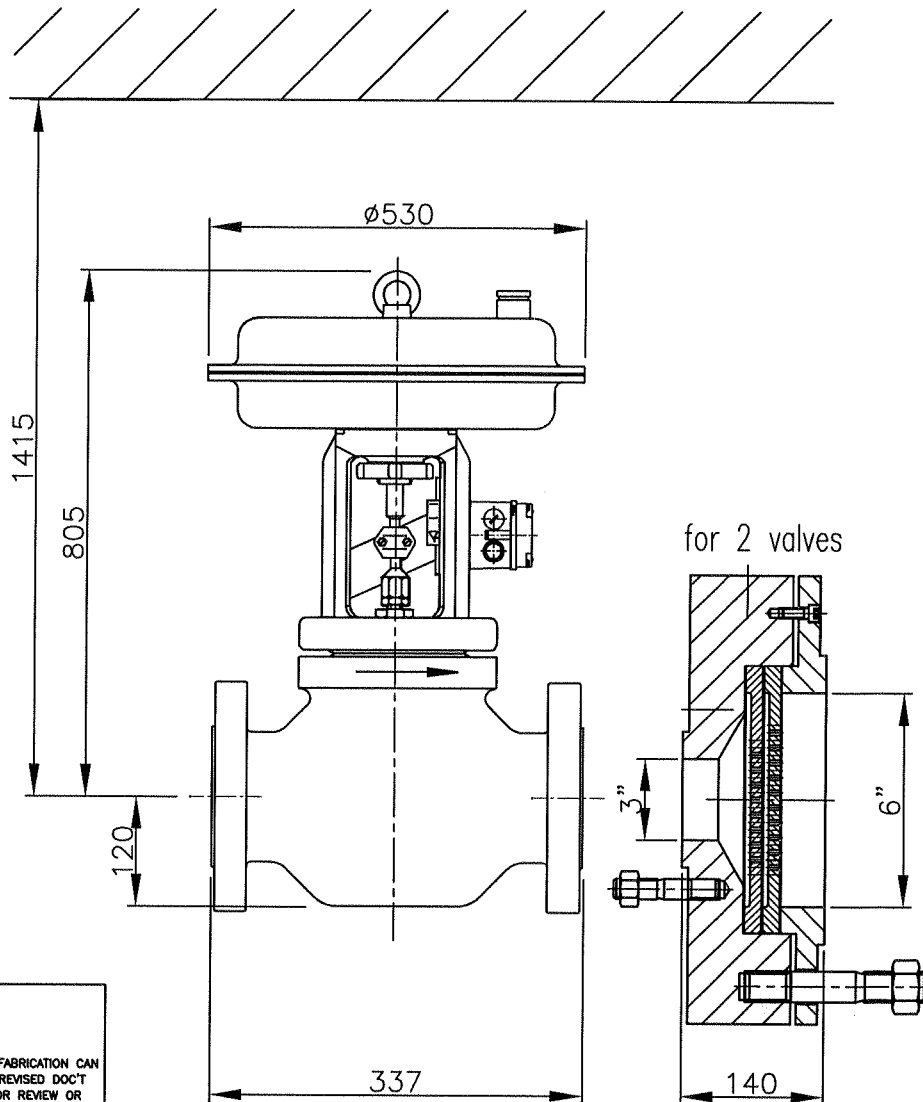
Vendor Order Reference

Tag No.: PV-100529B



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Fax: +49 69 40 09-1701  
Internet: <http://www.samson.de>

VENDOR  
DOC. NO.



All dimensions in mm (no scale)

3					
2					
1					
0	2004-08-25	Issued for review	V12/mst	V12/lt	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER :



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شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

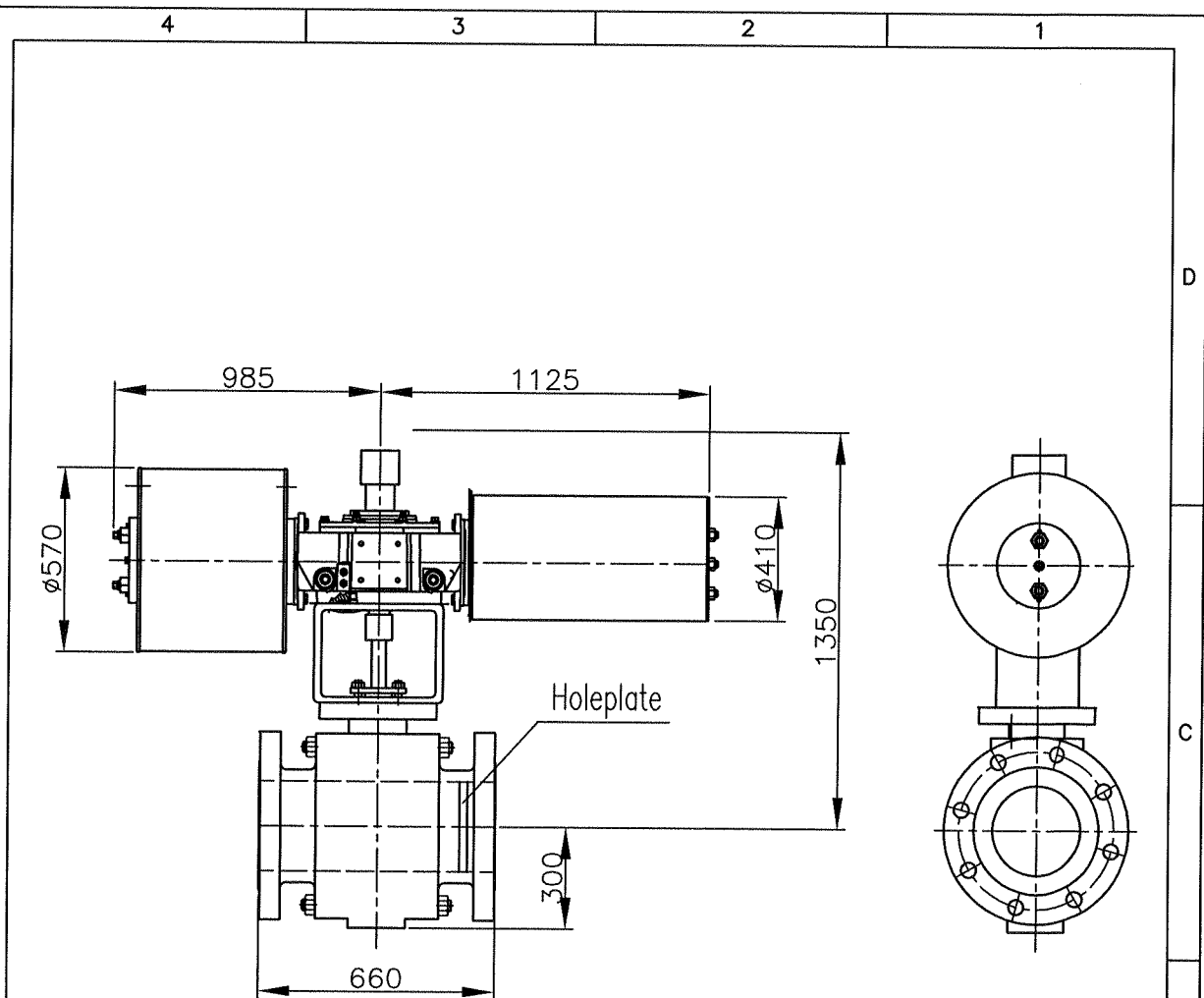
TITLE :

Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV
SHT :	PIDEC PROJ. NO. 1182		0



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#### DISPOSITION

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- ☐ COMMENTS AS MARKED. FABRICATION CAN PROCEED ACCORDINGLY. REVISED DOC'T TO BE ISSUED EITHER FOR REVIEW OR AS FINAL CERTIFIED. HOWEVER ZAGROS WILL CHECK THIS REVISED DOCUMENT FOR PROPER INCORPORATION.
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THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: QB  
Valve Style: Ball Valve  
Valve Size: 8 inch  
Pressure Rating: Class 600  
Flange Form: RF-SF  
Actuator Type: GP-100S-485/C1  
Actuator Size: .  
Weight (kg): 890

616 100  
Vendor Order Reference

Tag No.: PV-100801



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VENDOR  
DOC. NO.

3					
2					
1					
0	2004-08-25	Issued for review	V12/mst	V12/lr	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

All dimensions in mm (no scale)

OWNER :



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شرکت پتروشیمی زاگرس

PROJECT :

2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

ZPC PROJ. NO. 232000

DWG NO.

REV

SHT :

PIDEC PROJ. NO. 1182

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THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3251  
Valve Style: Globe  
Valve Size: 1 inch  
Pressure Rating: Class 600  
Flange Form: RF-SF  
Actuator Type: 3277  
Actuator Size: 350  
Weight (kg): 42

616 100

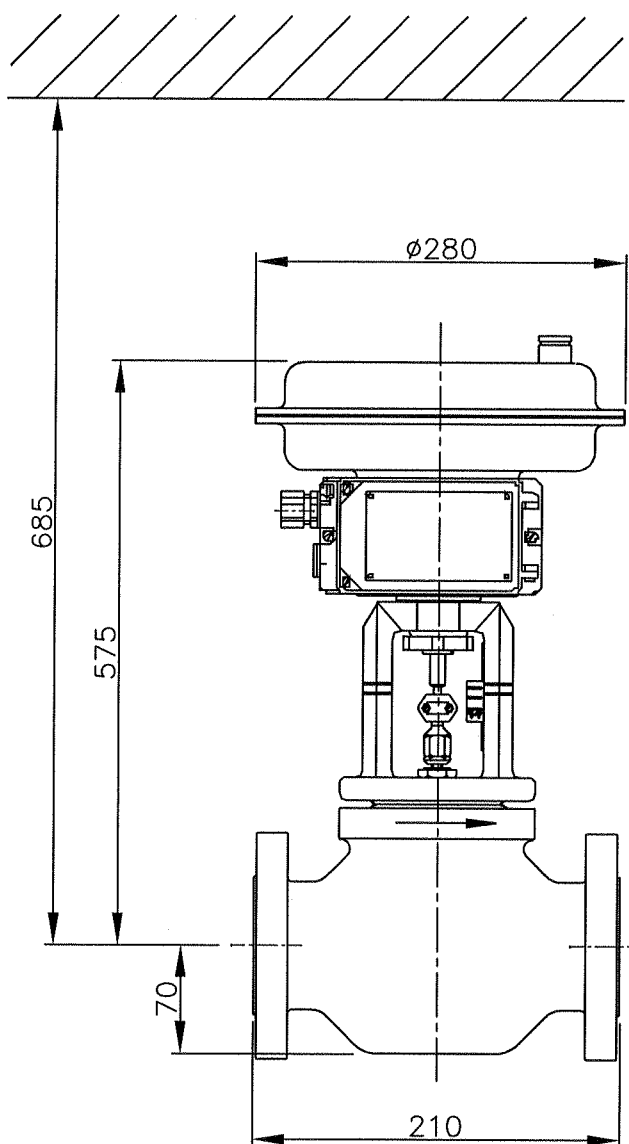
Vendor Order Reference

Tag No.: PV-101502A



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Fax: +49 69 40 09-1791  
Internet: <http://www.samson.de>

VENDOR  
DOC. NO.



All dimensions in mm (no scale)

3					
2					
1					
0	2004-08-25	Issued for review	V12/mst	V12/lr	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER :



NATIONAL PETROCHEMICAL COMPANY  
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شرکت پتروشیمی زاگرس

PROJECT :

2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

ZPC PROJ. NO. 232000

DWG NO.

REV

SHT :

PIDEC PROJ. NO. 1182

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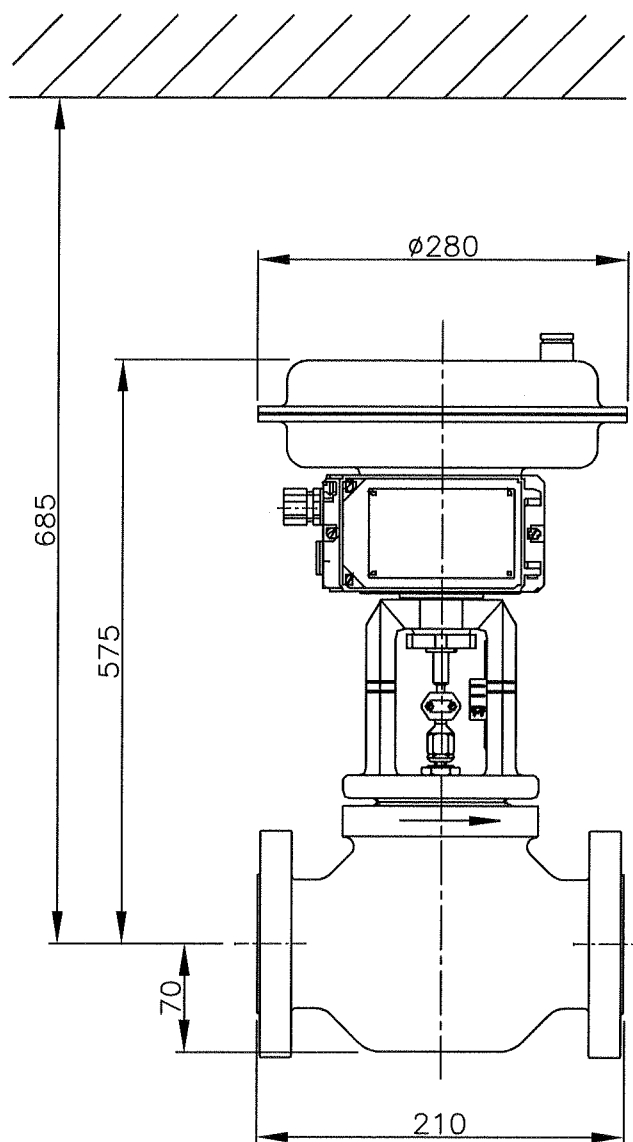
SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3251  
 Valve Style: Globe  
 Valve Size: 1 inch  
 Pressure Rating: Class 600  
 Flange Form: RF-SF  
 Actuator Type: 3277  
 Actuator Size: 350  
 Weight (kg): 42

616 100  
 Vendor Order Reference  
 Tag No.: PV-101502B

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 D-40314 Frankfurt am Main  
 Phone: +49 69 40 09-0  
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All dimensions in mm (no scale)

3					
2					
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0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER : NATIONAL PETROCHEMICAL COMPANY  
 ZAGROS PETROCHEMICAL COMPLEX  
 شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

 PETROCHEMICAL INDUSTRIES  
 DESIGN & ENGINEERING COMPANY  
 شرکت طراحی و مهندسی صنایع پتروشیمی



TITLE : Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDEC PROJ. NO. 1182		

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DISPOSITION

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Valve Type: 3241 with flowdivider I  
Valve Style: Globe  
Valve Size: 6 inch  
Pressure Rating: Class 300  
Flange Form: RF-SF  
Actuator Type: 3277  
Actuator Size: 700  
Weight (kg): 148

616 100

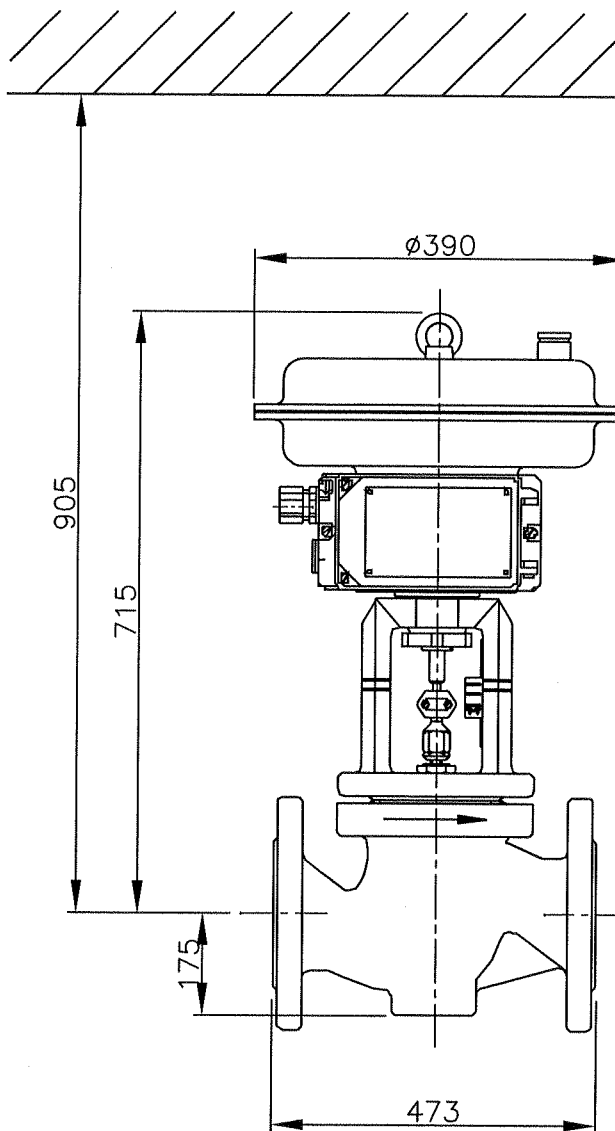
Vendor Order Reference

Tag No.: PV-150101



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Fax: +49 69 40 09-1791  
Internet: http://www.samson.de

VENDOR  
DOC. NO.



All dimensions in mm (no scale)

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2					
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0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER :



NATIONAL PETROCHEMICAL COMPANY  
ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT :

2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

ZPC PROJ. NO. 232000

DWG NO.

REV

SHT :

PIDEC PROJ. NO. 1182

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**DISPOSITION**

☐ NO COMMENT

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THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3254/insul. with flowd. I  
 Valve Style: Globe  
 Valve Size: 8 inch  
 Pressure Rating: Class 1500  
 Flange Form: RF-SF  
 Actuator Type: 3271  
 Actuator Size: 1400  
 Weight (kg): 1927

616 100  
 Vendor Order Reference  
 Tag No.: PV-150601A

**SAMSON AG**  
 Mess- und Regeltechnik  
 Völknerstrasse 3  
 D-6624 Frankfurt am Main  
 Phone: +49 69 40 09-2  
 Fax: +49 69 40 09-1781  
 Internet: http://www.samson.de

VENDOR  
 DOC. NO.

3					
2					
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0	2004-08-25	Issued for review	V12/mst	V12/lr	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER : NATIONAL PETROCHEMICAL COMPANY  
 ZAGROS PETROCHEMICAL COMPLEX  
 شرکت پتروشیمی زاگرس

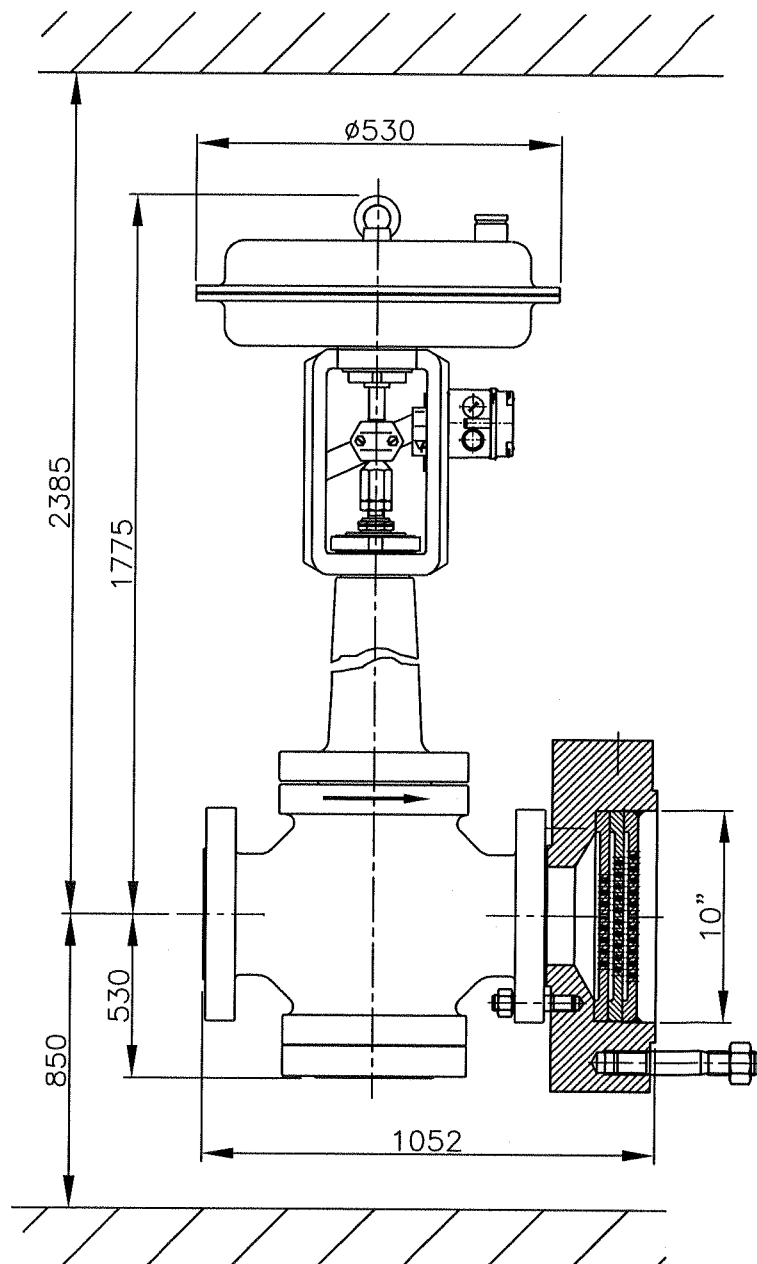
PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

PETROCHEMICAL INDUSTRIES  
 DESIGN & ENGINEERING COMPANY  
 شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE : Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDEC PROJ. NO. 1182		



All dimensions in mm (no scale)

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**DISPOSITION**

☐ NO COMMENT

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THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3251/insul. with flowd. III  
 Valve Style: Globe  
 Valve Size: 3 inch  
 Pressure Rating: Class 1500  
 Flange Form: RF-SF  
 Actuator Type: 3271  
 Actuator Size: 1400  
 Weight (kg): 251

616 100  
 Vendor Order Reference  
 Tag No.: PV-150601B

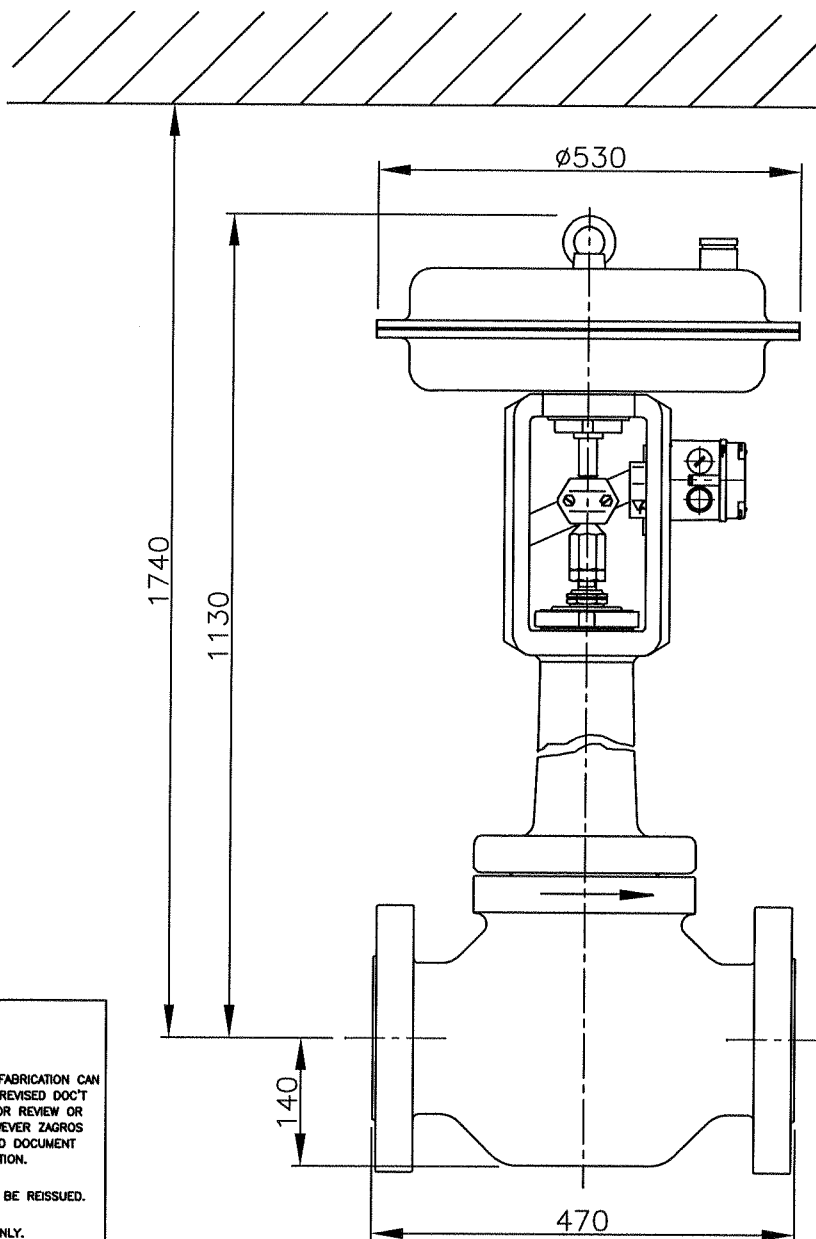


**SAMSON AG**  
 Mess- und Regeltechnik  
 Welterstrasse 3  
 D-60314 Frankfurt am Main  
 Phone: +49 69 40 09-0  
 Fax: +49 69 40 09-1781  
 Internet: http://www.samson.de

VENDOR  
 DOC. NO.

SHT

3					
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0	2004-08-25	Issued for review	V12/mst	V12/lr	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
OWNER : NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس					
PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT					
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی			engineering Lurgi		
TITLE : Pneumatic control valve					
SCALE : NO		ZPC PROJ. NO. 232000	DWG NO.		REV
SHT :		PIDEC PROJ. NO. 1182			0



All dimensions in mm (no scale)

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THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3254/insul. with flowd. I  
 Valve Style: Globe  
 Valve Size: 8 inch  
 Pressure Rating: Class 900  
 Flange Form: RF-SF  
 Actuator Type: 3271  
 Actuator Size: 1400  
 Weight (kg): 1497

616 100

Vendor Order Reference

Tag No.: PV-150607



**SAMSON AG**  
 Mess- und Regeltechnik  
 Welterstrasse 3  
 D-60314 Frankfurt am Main  
 Phone: +49 69 40 09-0  
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 Internet: http://www.samson.de

VENDOR  
 DOC. NO.

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REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER :



NATIONAL PETROCHEMICAL COMPANY  
 ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT :

2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
 DESIGN & ENGINEERING COMPANY  
 شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

ZPC PROJ. NO. 232000

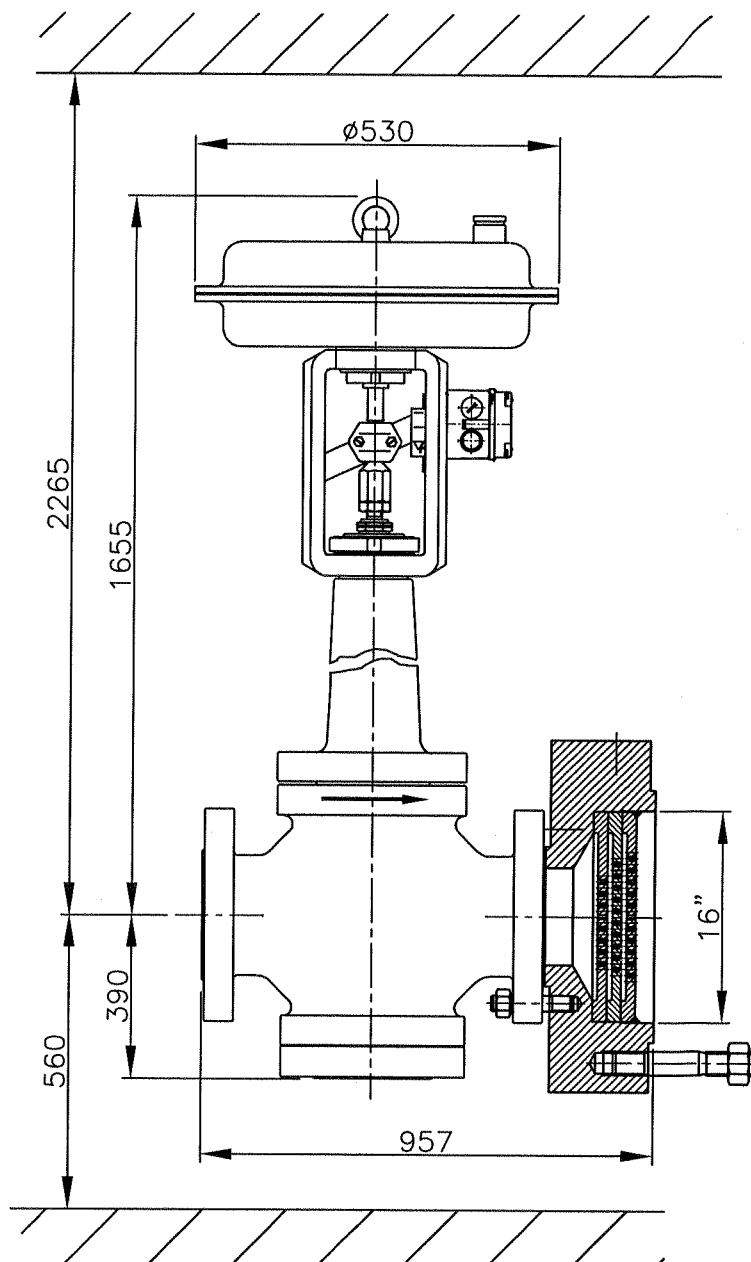
DWG NO.

REV

SHT :

PIDEC PROJ. NO. 1182

0



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THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3251/insul. with flowd. I  
Valve Style: Globe  
Valve Size: 6 inch  
Pressure Rating: Class 1500  
Flange Form: RF-SF  
Actuator Type: 3271  
Actuator Size: 2800  
Weight (kg): 1466

616 100

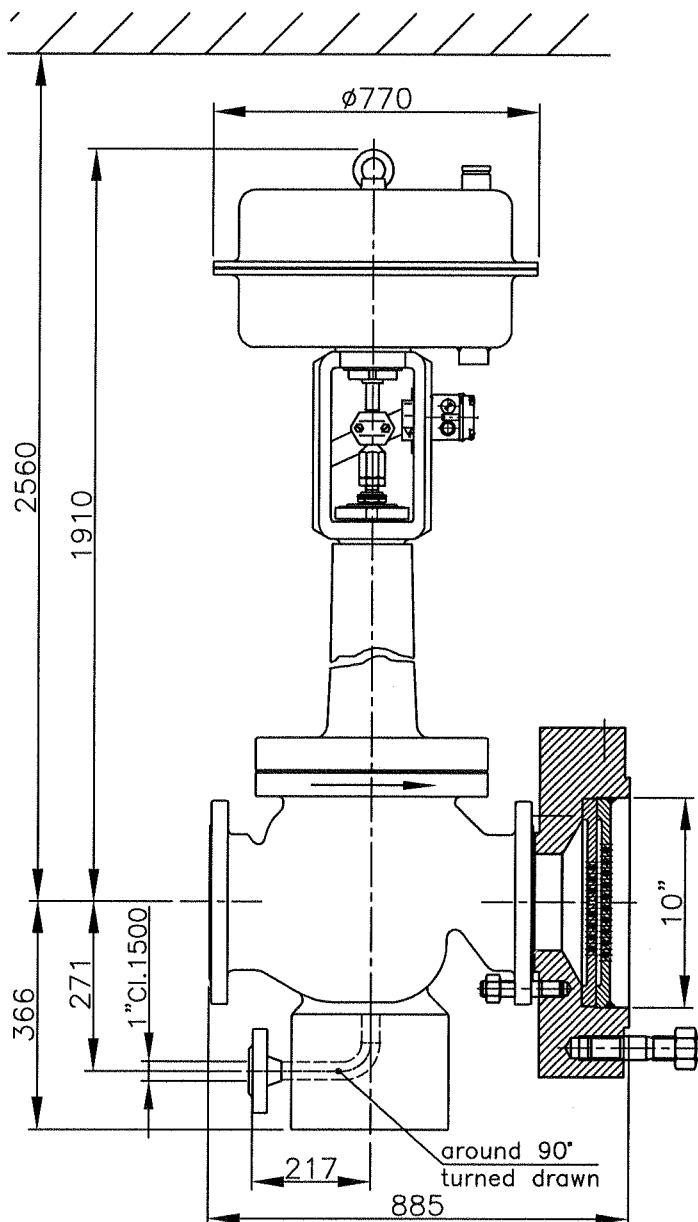
Vendor Order Reference

Tag No.: PV-150611



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VENDOR  
DOC. NO.



All dimensions in mm (no scale)

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0	2004-08-25	Issued for review	V12/mst	V12/lr	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
OWNER : NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس					
PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT					
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی					
TITLE : Pneumatic control valve					
SCALE : NO		ZPC PROJ. NO. 232000	DWG NO.		REV
SHT :		PIDEC PROJ. NO. 1182			0



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THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3254/insul. with flowd. I  
 Valve Style: Globe  
 Valve Size: 12 inch  
 Pressure Rating: Class 900  
 Flange Form: RF-SF  
 Actuator Type: 3271  
 Actuator Size: 2800  
 Weight (kg): 3722

616 100

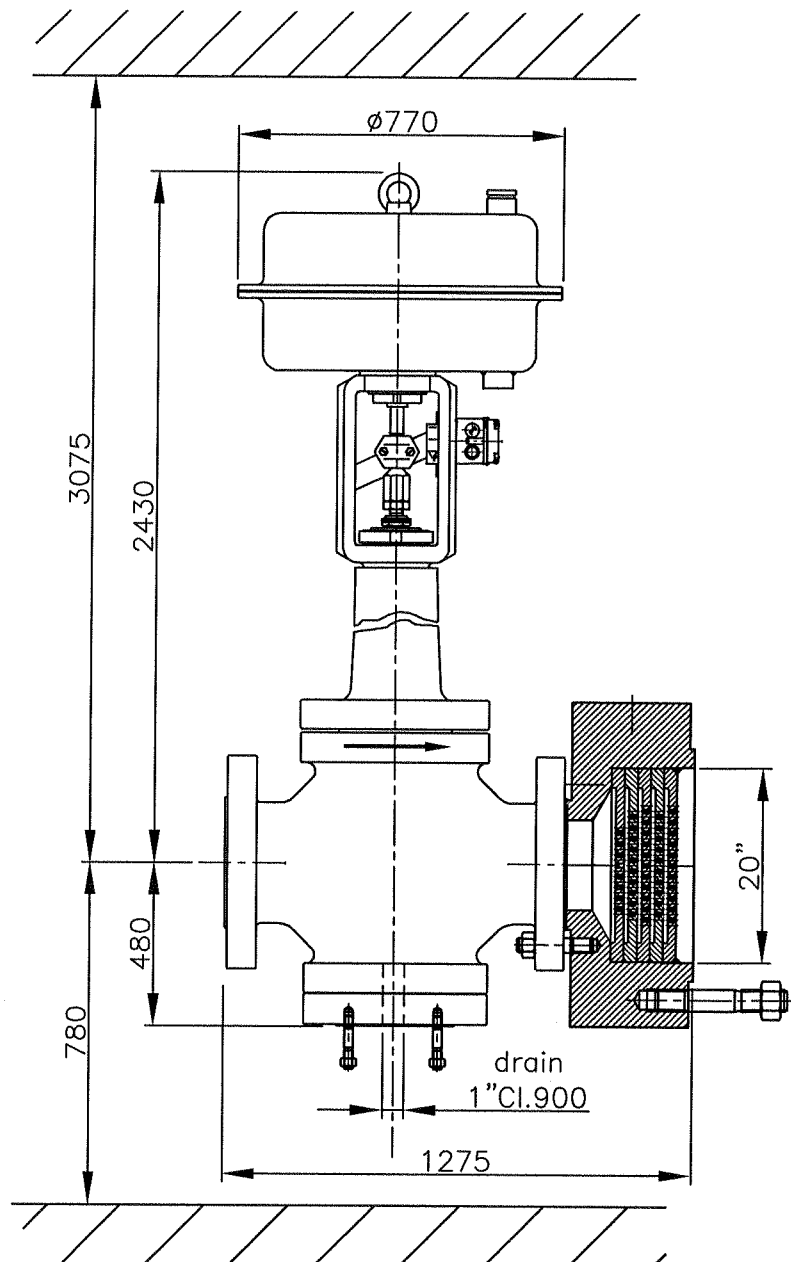
Vendor Order Reference

Tag No.: PV-150612



**SAMSON AG**  
 Mess- und Regeltechnik  
 Wöhlertstrasse 3  
 D-40314 Frankfurt am Main  
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 Fax: +49 69 40 09-1791  
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VENDOR  
 DOC. NO.



All dimensions in mm (no scale)

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0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
OWNER: NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس					
PROJECT: 2nd ZAGROS MEGAMETHANOL PROJECT					
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی			engineering Lurgi		
TITLE: Pneumatic control valve					
SCALE: 1/10		ZPC PROJ. NO. 232000	DWG NO.		REV
SHT: 1		PIDEC PROJ. NO. 1182			0

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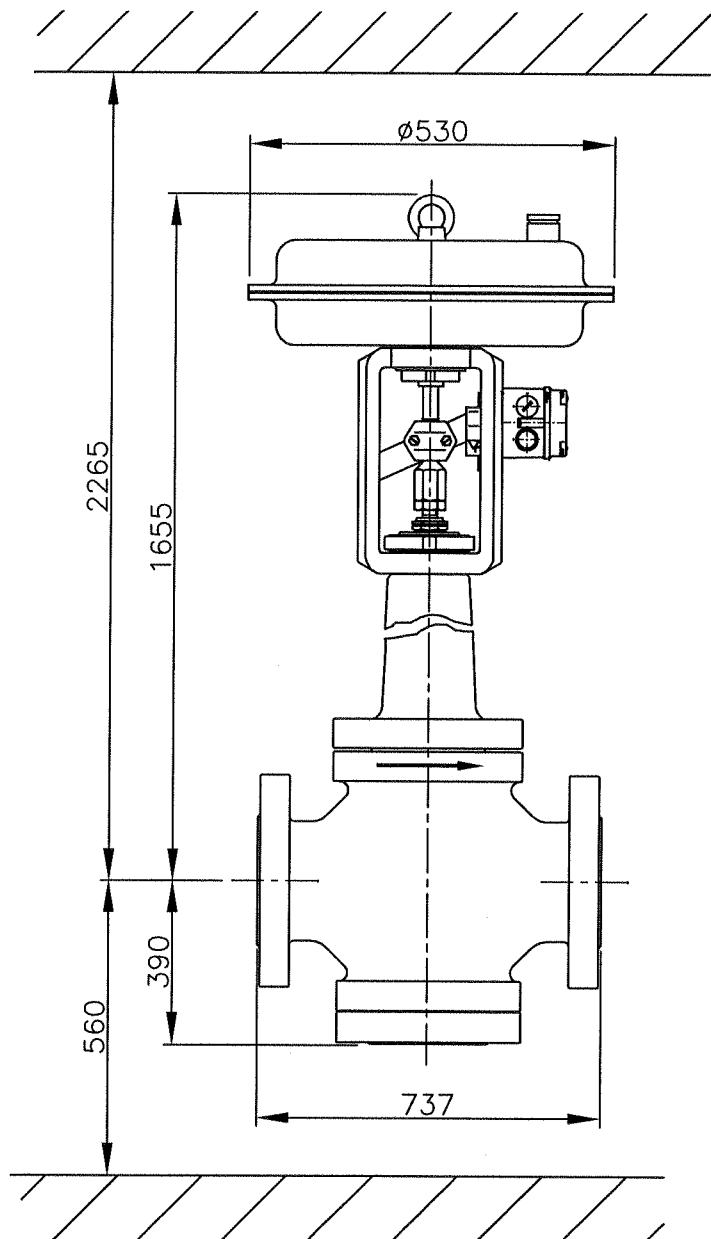
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3254/insul. with flowd. I  
 Valve Style: Globe  
 Valve Size: 8 inch  
 Pressure Rating: Class 900  
 Flange Form: RF-SF  
 Actuator Type: 3271  
 Actuator Size: 1400  
 Weight (kg): 872

616 100  
 Vendor Order Reference  
 Tag No.: PV-150635A

**SAMSON AG**  
 Mess- und Regeltechnik  
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 D-40314 Frankfurt am Main  
 Phone: +49 69 40 09-0  
 Fax: +49 69 40 09-1781  
 Internet: http://www.samson.de

VENDOR  
 DOC. NO.



All dimensions in mm (no scale)

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2					
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0	2004-08-25	Issued for review	V12/mst	V12/lt	V12/di
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OWNER : NATIONAL PETROCHEMICAL COMPANY  
 ZAGROS PETROCHEMICAL COMPLEX  
 شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

PETROCHEMICAL INDUSTRIES  
 DESIGN & ENGINEERING COMPANY  
 شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE : Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDEC PROJ. NO. 1182		

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DISPOSITION  
☐ NO COMMENT  
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THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3254/insul. with flowd. I  
 Valve Style: Globe  
 Valve Size: 8 inch  
 Pressure Rating: Class 900  
 Flange Form: RF-SF  
 Actuator Type: 3271  
 Actuator Size: 1400  
 Weight (kg): 872

616 100

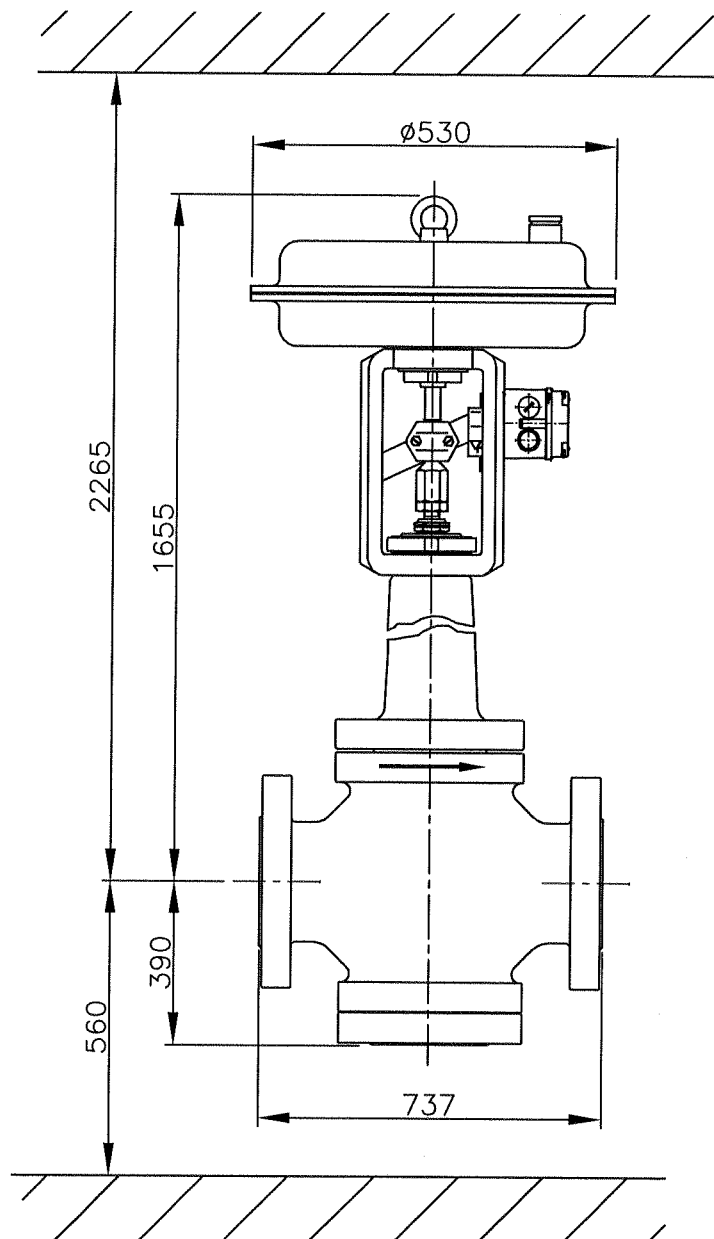
Vendor Order Reference

Tag No.: PV-150635B



**SAMSON AG**  
 Messe- und Regellechnik  
 Völklingerstrasse 3  
 D-66034 Frankfurt am Main  
 Phone: +49 69 40 09-0  
 Fax: +49 69 40 09-1701  
 Internet: http://www.samson.de

VENDOR  
 DOC. NO.



All dimensions in mm (no scale)

3					
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0	2004-08-25	Issued for review	V12/mst	V12/lr	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER :



NATIONAL PETROCHEMICAL COMPANY  
 ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT :

2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
 DESIGN & ENGINEERING COMPANY  
 شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

ZPC PROJ. NO. 232000

DWG NO.

SHT :

PIDEC PROJ. NO. 1182

REV

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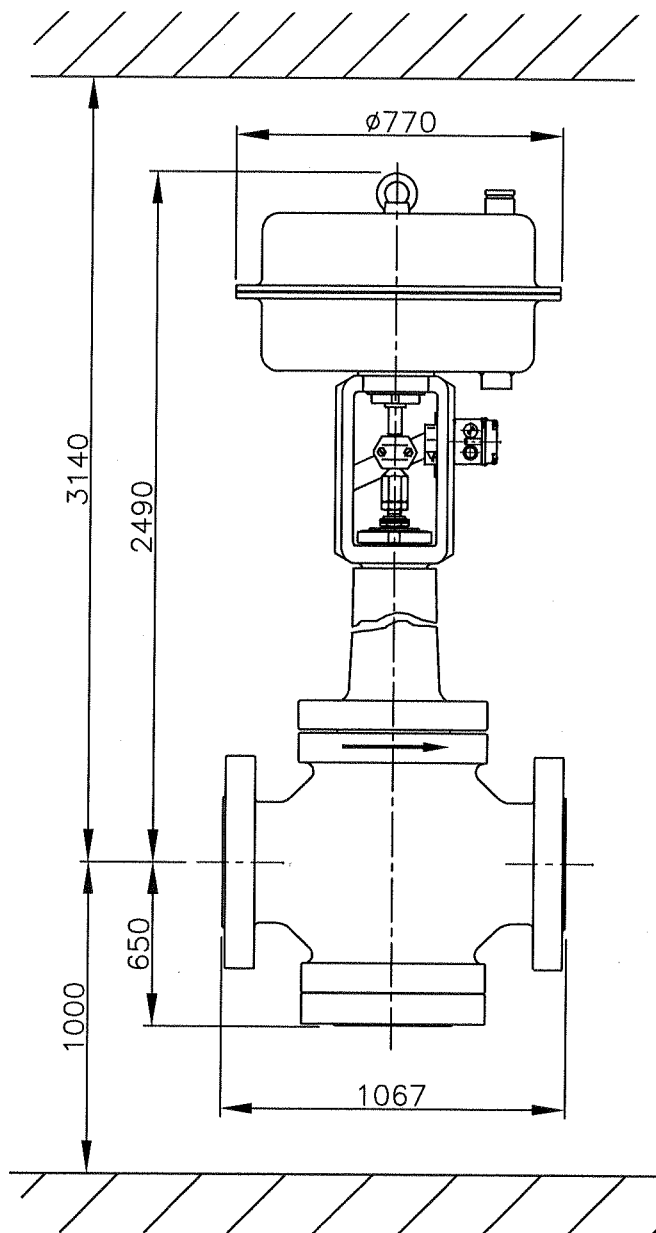
Valve Type: 3254/insul. with flowd. I  
 Valve Style: Globe  
 Valve Size: 16 inch  
 Pressure Rating: Class 300  
 Flange Form: RF-SF  
 Actuator Type: 3271  
 Actuator Size: 2800  
 Weight (kg): 2600

616 100  
 Vendor Order Reference  
 Tag No.: PV-150707



**SAMSON AG**  
 Mess- und Regeltechnik  
 Valenroderstrasse 3  
 D-60314 Frankfurt am Main  
 Phone: +49 69 40 09-0  
 Fax: +49 69 40 09-1791  
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VENDOR  
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All dimensions in mm (no scale)

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 ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT :

2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
 DESIGN & ENGINEERING COMPANY  
 شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

ZPC PROJ. NO. 232000

DWG NO.

REV

SHT :

PIDEC PROJ. NO. 1182

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THIS REVIEW & COMMENTS DOES NOT ABSOLVING THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3251 with flowdivider III  
Valve Style: Globe  
Valve Size: 6 inch  
Pressure Rating: Class 600  
Flange Form: RF-SF  
Actuator Type: 3271  
Actuator Size: 1400  
Weight (kg): 1077

616 100

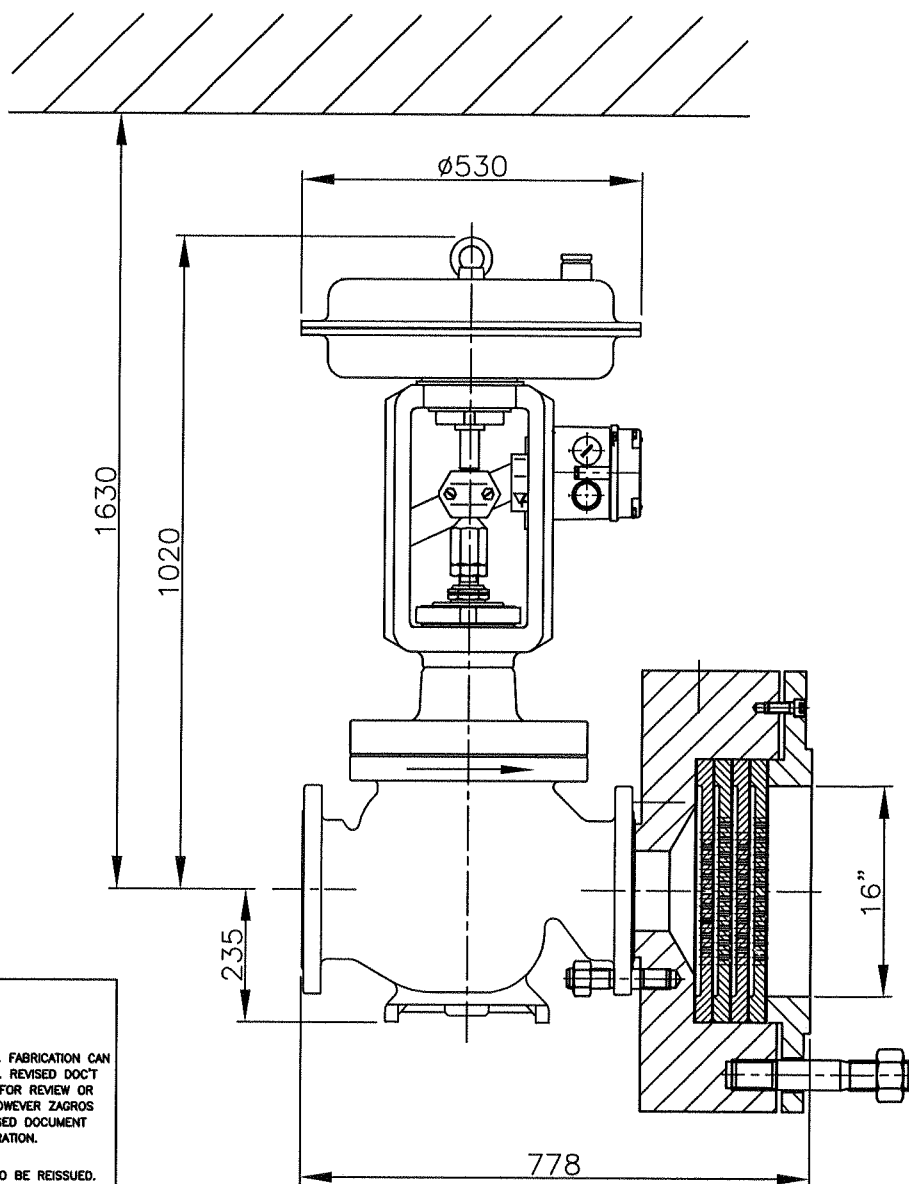
Vendor Order Reference

Tag No.: PV-200307A



**SAMSON AG**  
Mess- und Regeltechnik  
Welschmiedestraße 3  
D-60314 Frankfurt am Main  
Phone: +49 69 40 09-0  
Fax: +49 69 40 09-1791  
Internet: http://www.samson.de

VENDOR  
DOC. NO.



All dimensions in mm (no scale)

REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
3					
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0	2004-08-25	Issued for review	V12/mst	V12/lr	V12/di

OWNER :



NATIONAL PETROCHEMICAL COMPANY  
ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

ZPC PROJ. NO. 232000

DWG NO.

REV

SHT :

PIDEC PROJ. NO. 1182

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SIGNATURE DATE

THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3251 with flowdivider III  
Valve Style: Globe  
Valve Size: 3 inch  
Pressure Rating: Class 600  
Flange Form: RF-SF  
Actuator Type: 3271  
Actuator Size: 1400  
Weight (kg): 332

616 100

Vendor Order Reference

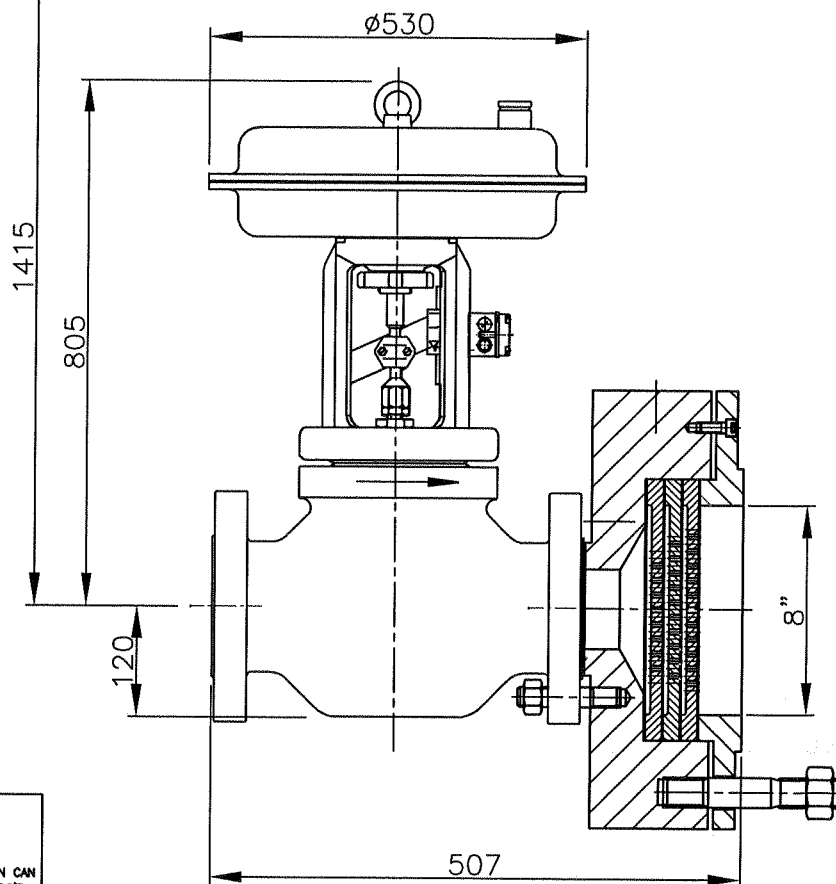
Tag No.: PV-200307B



**SAMSON AG**  
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Vollanwaltschaft 3  
D-60314 Frankfurt am Main  
Phone: +49 69 40 09-0  
Fax: +49 69 40 09-1781  
Internet: http://www.samson.de

VENDOR

DOC. NO.



All dimensions in mm (no scale)

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0	2004-08-25	Issued for review	V12/mst	V12/lr	V12/di
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OWNER :



NATIONAL PETROCHEMICAL COMPANY  
ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

ZPC PROJ. NO. 232000

DWG NO.

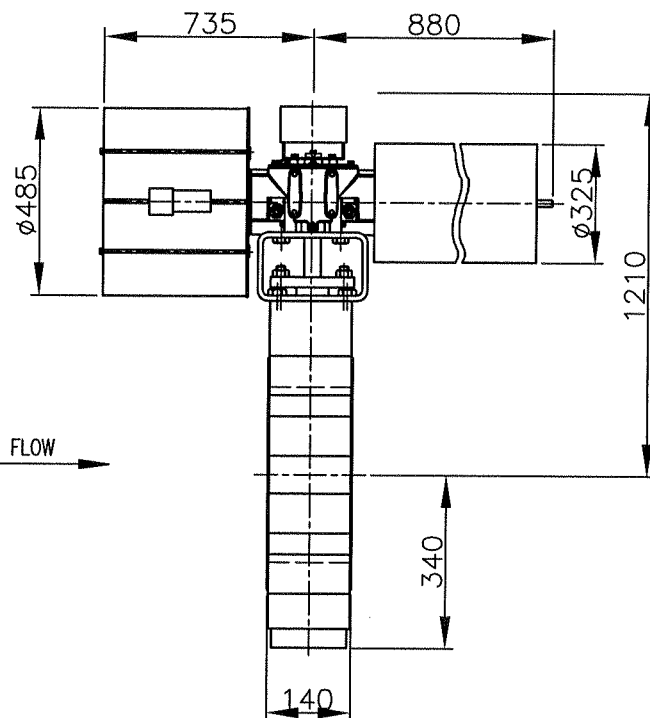
REV

SHT :

PIDEC PROJ. NO. 1182

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THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: LDE  
Valve Style: Butterfly Valve  
Valve Size: 12 inch  
Pressure Rating: Class 600  
Flange Form: Lug-Type RF-SF  
Actuator Type: GP-085-385/C3  
Actuator Size:  
Weight (kg): 570

616 100  
Vendor Order Reference  
Tag No.: PV-200409

**SAMSON AG**  
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Internet: <http://www.samson.de>

VENDOR  
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0	2004-08-25	Issued for review	V12/mst	V12/lr	V12/di
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NATIONAL PETROCHEMICAL COMPANY  
ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV
SHT :	PIDEC PROJ. NO. 1182		0

All dimensions in mm (no scale)

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DISPOSITION

☐ NO COMMENT

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Valve Type: 3251/bellows with flowd.III

Valve Style: Globe

Valve Size: 4 inch

Pressure Rating: Class 600

Flange Form: RF-SF

Actuator Type: 3271

Actuator Size: 2800

Weight (kg): 608

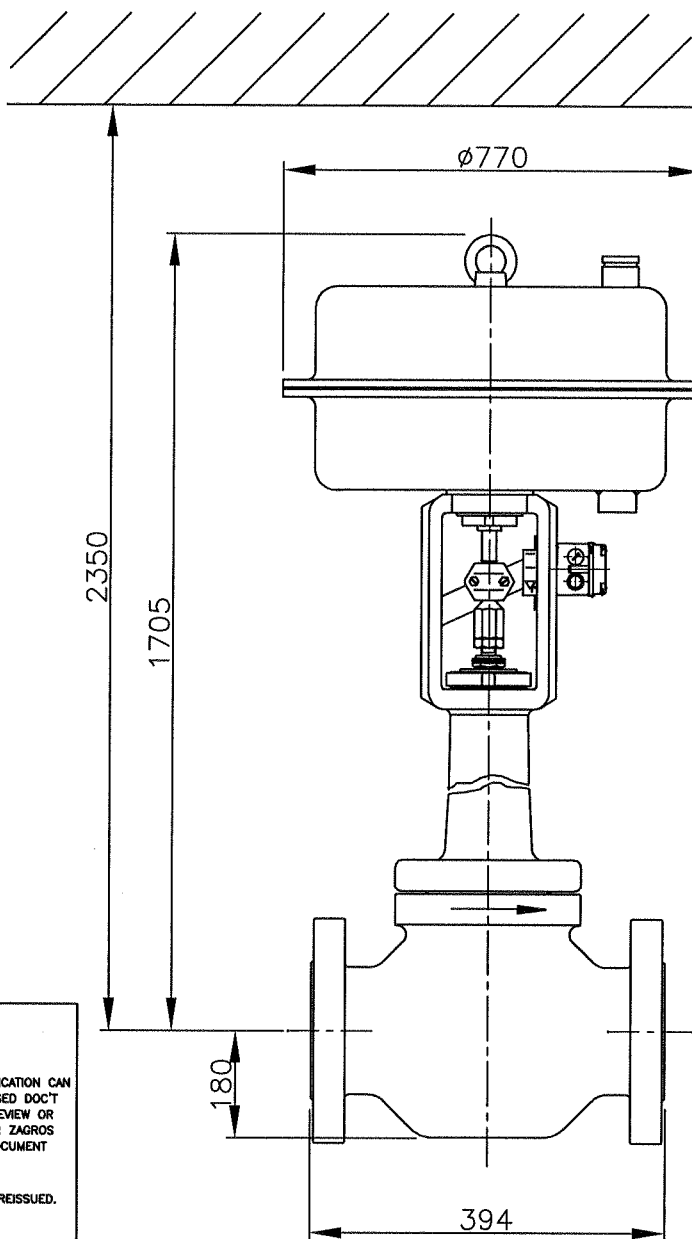
616 100  
Vendor Order Reference

Tag No.: PV-250102A



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VENDOR  
DOC. NO.



All dimensions in mm (no scale)

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NATIONAL PETROCHEMICAL COMPANY  
ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE : Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV
SHT :	PIDEDEC PROJ. NO. 1182		0



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Valve Type: 3251 with flowdivider III  
Valve Style: Globe  
Valve Size: 2 inch  
Pressure Rating: Class 600  
Flange Form: RF-SF  
Actuator Type: 3277  
Actuator Size: 350  
Weight (kg): 78

616 100

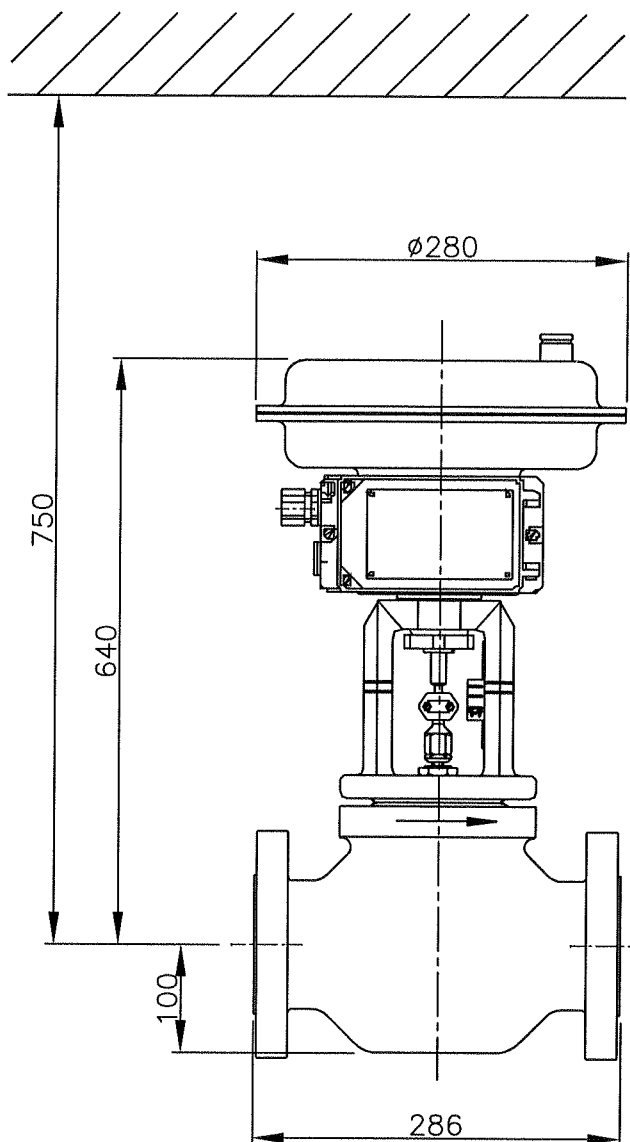
Vendor Order Reference

Tag No.: PV-250102B



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DOC. NO.



All dimensions in mm (no scale)

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OWNER :



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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



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DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

ZPC PROJ. NO. 232000

DWG NO.

REV

SHT :

PIDEC PROJ. NO. 1182

0

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Valve Type: 3241/bellows with flowd.III

Valve Style: Globe

Valve Size: 3 inch

Pressure Rating: Class 300

Flange Form: RF-SF

Actuator Type: 3277

Actuator Size: 700

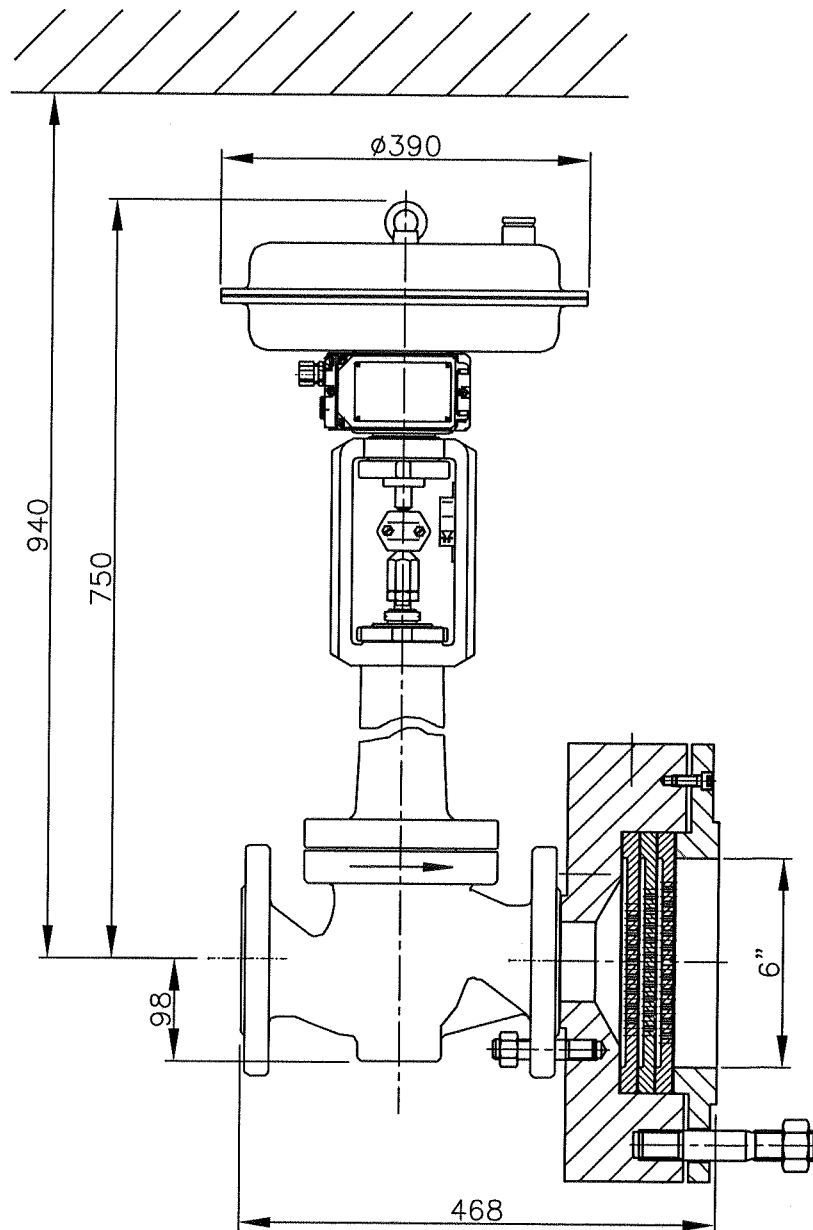
Weight (kg): 148

616 100  
Vendor Order Reference

Tag No.: PV-250103

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All dimensions in mm (no scale)

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PROJECT: 2nd ZAGROS MEGAMETHANOL PROJECT					
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی			engineering <b>Lurgi</b>		
TITLE: Pneumatic control valve					
SCALE: 1/NO		ZPC PROJ. NO. 232000	DWG NO.		REV
SHT: 1		PIDEC PROJ. NO. 1182			0

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THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3241  
Valve Style: Globe  
Valve Size: 4 inch  
Pressure Rating: Class 300  
Flange Form: RF-SF  
Actuator Type: 3277  
Actuator Size: 700  
Weight (kg): 70

616 100

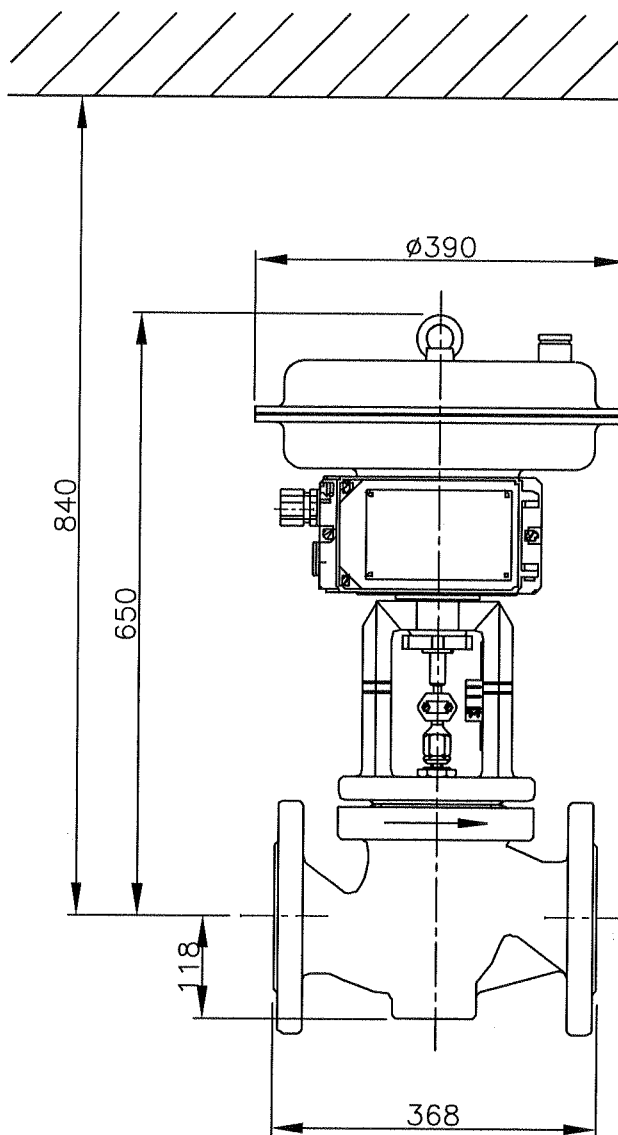
Vendor Order Reference

Tag No.: PV-300101



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All dimensions in mm (no scale)

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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDE PROJ. NO. 1182		

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Valve Type: BR14c  
Valve Style: Butterfly Valve  
Valve Size: 6 inch  
Pressure Rating: Class 300  
Flange Form: Lug-Type RF-SF  
Actuator Type: SRP  
Actuator Size: 3000  
Weight (kg): 124

616 100

Vendor Order Reference

Tag No.: PV-300303A



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Welterdenstrasse 3  
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PROJECT :

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DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

ZPC PROJ. NO. 232000

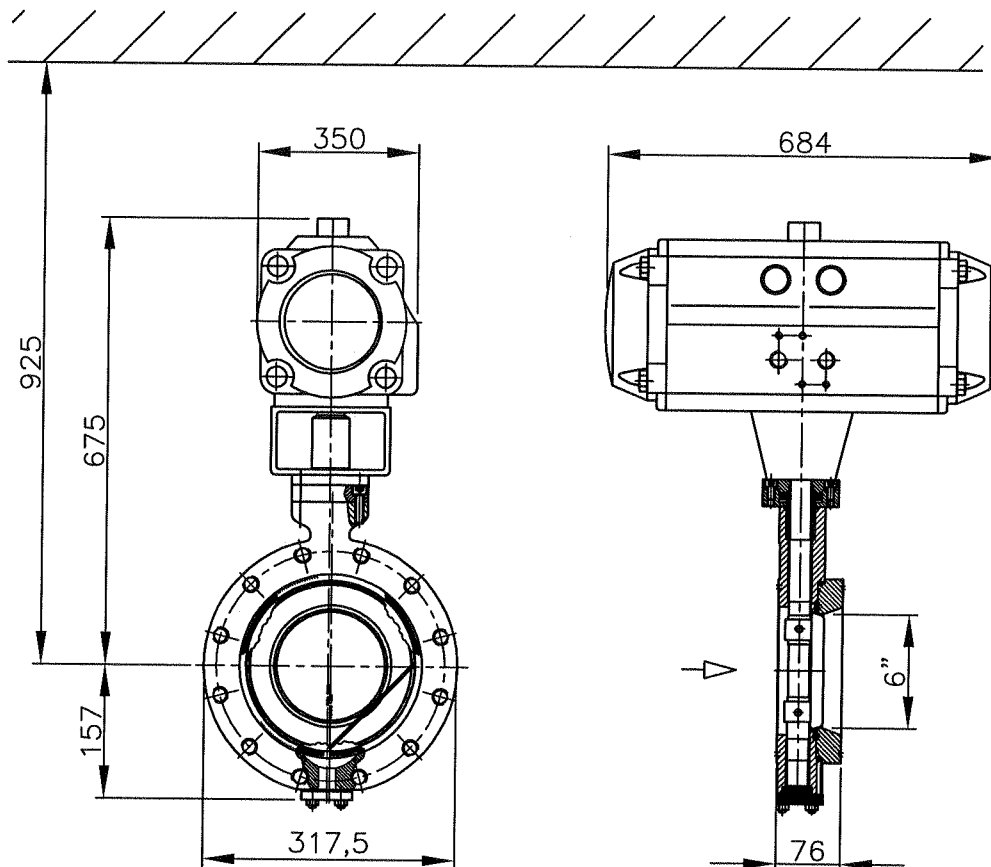
DWG NO.

REV

SHT :

PIDEC PROJ. NO. 1182

0



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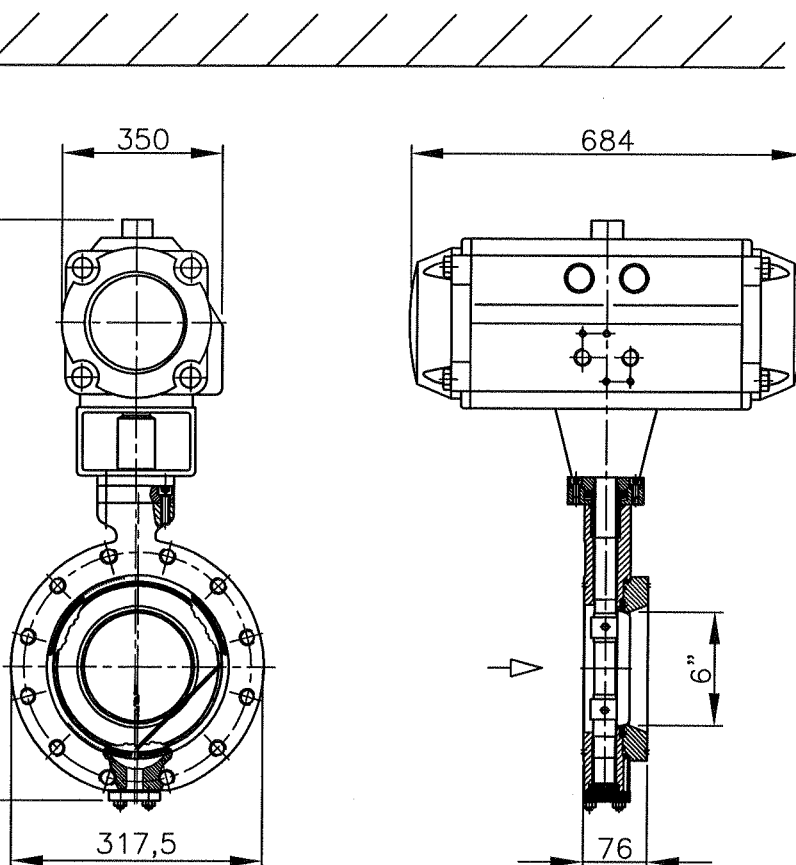
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: BR14c  
 Valve Style: Butterfly Valve  
 Valve Size: 6 inch  
 Pressure Rating: Class 300  
 Flange Form: Lug-Type RF-SF  
 Actuator Type: SRP  
 Actuator Size: 3000  
 Weight (kg): 124

616 100  
 Vendor Order Reference  
 Tag No.: PV-300303B

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 Phone: +49 69 40 09-0  
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All dimensions in mm (no scale)

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OWNER : NATIONAL PETROCHEMICAL COMPANY  
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 شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

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 DESIGN & ENGINEERING COMPANY  
 شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE : Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDEC PROJ. NO. 1182		

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Valve Type: 3241 with flowdivider I  
Valve Style: Globe  
Valve Size: 4 inch  
Pressure Rating: Class 300  
Flange Form: RF-SF  
Actuator Type: 3277  
Actuator Size: 700  
Weight (kg): 70

616 100

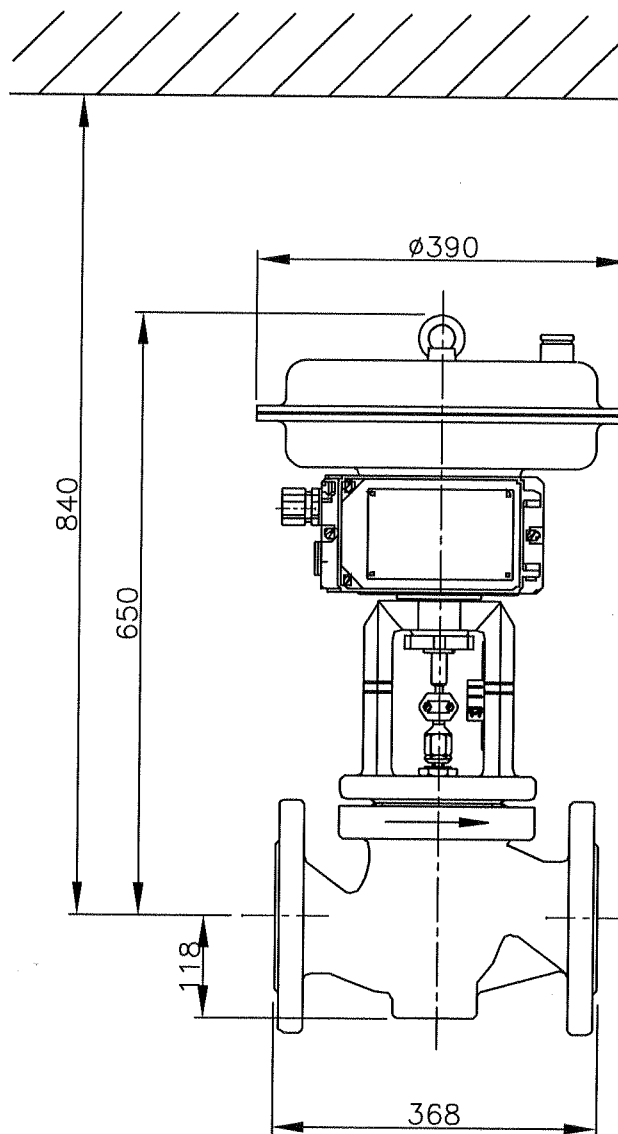
Vendor Order Reference

Tag No.: PV-300808



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OWNER : NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس					
PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT					
		PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی			
TITLE : Pneumatic control valve					
SCALE : □		ZPC PROJ. NO. 232000		DWG NO.	
SHT :		PIDE PROJ. NO. 1182		REV 0	

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Valve Type: 3241  
Valve Style: Globe  
Valve Size: 4 inch  
Pressure Rating: Class 300  
Flange Form: RF-SF  
Actuator Type: 3277  
Actuator Size: 700  
Weight (kg): 70

616 100

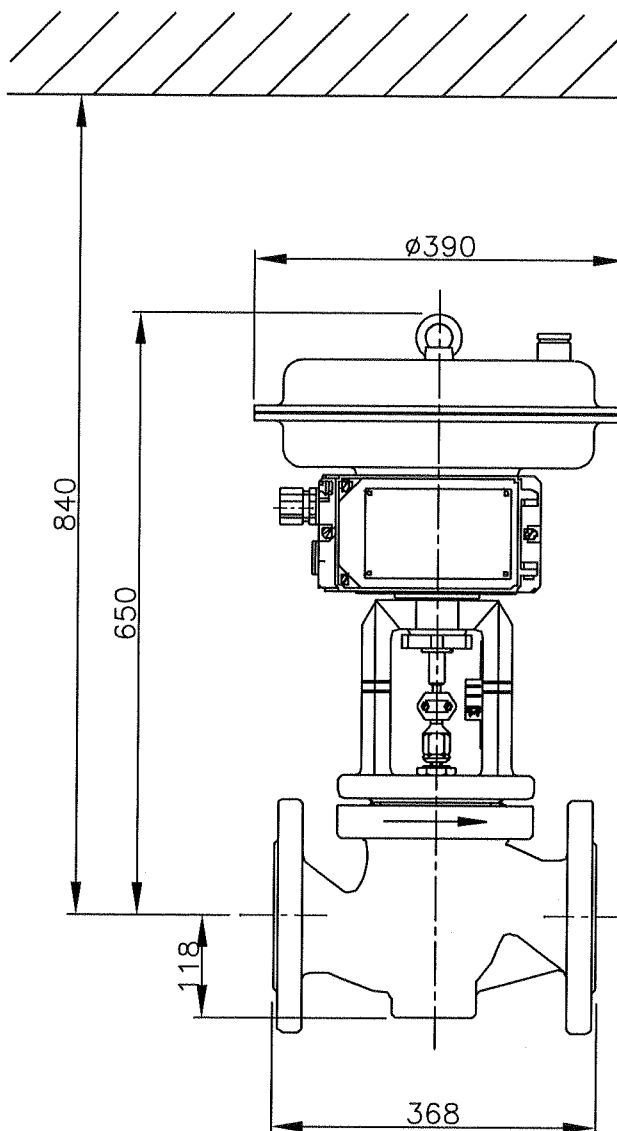
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Tag No.: PV-300909A



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VENDOR  
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All dimensions in mm (no scale)

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0	2004-08-25	Issued for review	V12/mst	V12/lr	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
OWNER : NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس					
PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT					
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی					
TITLE : Pneumatic control valve					
SCALE : 1/NO		ZPC PROJ. NO. 232000	DWG NO.		REV
SHT : 1		PIDEC PROJ. NO. 1182			0

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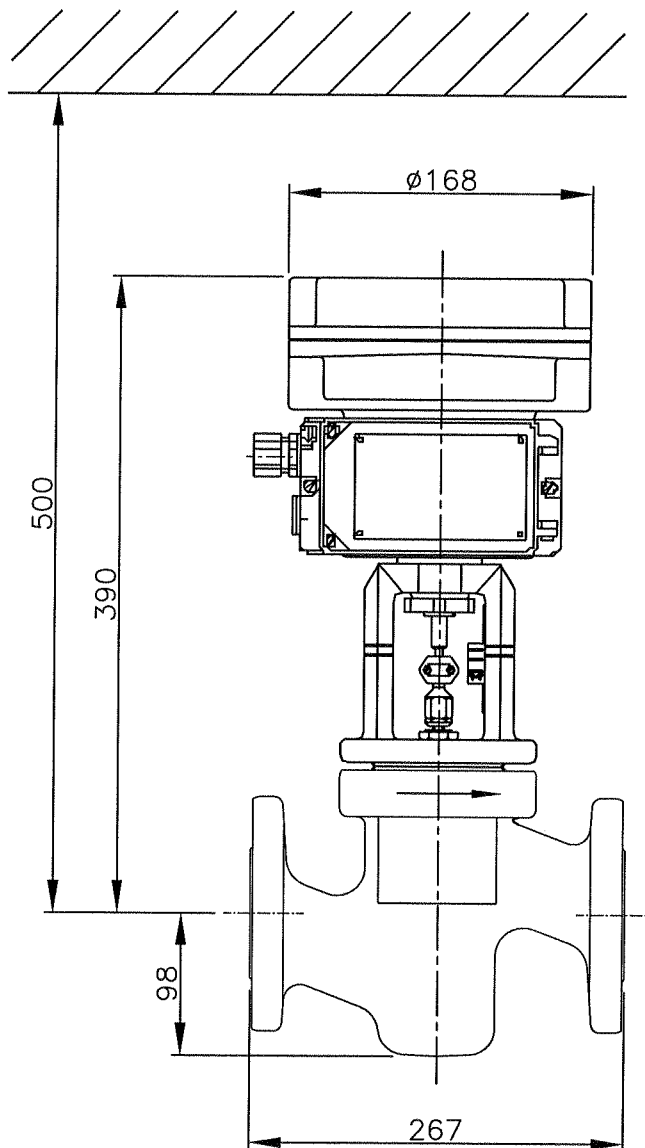
Valve Type: 3241  
 Valve Style: Globe  
 Valve Size: 2 inch  
 Pressure Rating: Class 300  
 Flange Form: RF-SF  
 Actuator Type: 3277  
 Actuator Size: 120  
 Weight (kg): 20,5

616 100  
 Vendor Order Reference  
 Tag No.: PV-300909B



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 Mess- und Regeltechnik  
 Welterstrasse 3  
 D-60314 Frankfurt am Main  
 Phone: +49 69 40 00-0  
 Fax: +49 69 40 00-1791  
 Internet: http://www.samson.de

VENDOR  
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All dimensions in mm (no scale)

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0	2004-08-25	Issued for review	V12/mst	V12/lr	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
OWNER : NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس					
PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT					
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی					
TITLE : Pneumatic control valve					
SCALE : NO		ZPC PROJ. NO. 232000	DWG NO.		REV
SHT :		PIDEC PROJ. NO. 1182			0



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<p><b>DISPOSITION</b></p> <p><input type="checkbox"/> NO COMMENT</p> <p><input type="checkbox"/> COMMENTS AS MARKED. FABRICATION CAN PROCEED ACCORDINGLY. REVISED DOCT TO BE ISSUED EITHER FOR REVIEW OR AS FINAL CERTIFIED. HOWEVER ZAGROS WILL CHECK THIS REVISED DOCUMENT FOR PROPER INCORPORATION.</p> <p><input type="checkbox"/> REJECTED DOCUMENT TO BE REISSUED.</p> <p><input type="checkbox"/> USE FOR INFORMATION ONLY.</p> <p>SIGNATURE _____ DATE _____</p> <p>THIS REVIEW &amp; COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.</p>																																	
All dimensions in mm (no scale)																																	
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<p><b>OWNER :</b> NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس</p>																																	
<p><b>PROJECT :</b> 2nd ZAGROS MEGAMETHANOL PROJECT</p>																																	
<p><b>616 100</b> Vendor Order Reference</p> <p><b>Tag No.: TV-100904A</b></p>		<p><b>PETROCHEMICAL INDUSTRIES DESIGN &amp; ENGINEERING COMPANY</b> شرکت طراحی و مهندسی صنایع پتروشیمی</p>																															
<p><b>SAMSON AG</b> Mess- und Regeltechnik Völklingerstraße 3 D-40314 Frankfurt am Main Phone: +49 69 40 09-0 Fax: +49 69 40 08-1791 Internet: http://www.samson.de</p>		<p><b>engineering Lurgi</b></p>																															
<p><b>TITLE :</b> Pneumatic control valve</p>																																	
<p><b>SCALE :</b> NO</p> <p><b>SHT :</b></p>		<p><b>ZPC PROJ. NO. 232000</b></p> <p><b>PIDEC PROJ. NO. 1182</b></p> <p><b>DWG NO.</b></p>																															
<p><b>VENDOR DOC. NO.</b></p>		<p><b>REV 0</b></p>																															

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SIGNATURE DATE

THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: LDE  
Valve Style: Butterfly Valve  
Valve Size: 14 inch  
Pressure Rating: Class 600  
Flange Form: Lug-Type RF-SF  
Actuator Type: GP-065S-335/C2 MH  
Actuator Size: .  
Weight (kg): 580

616 100

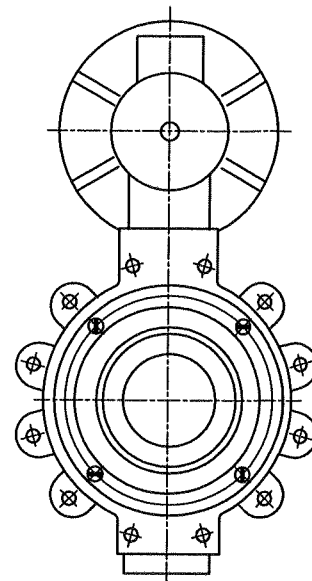
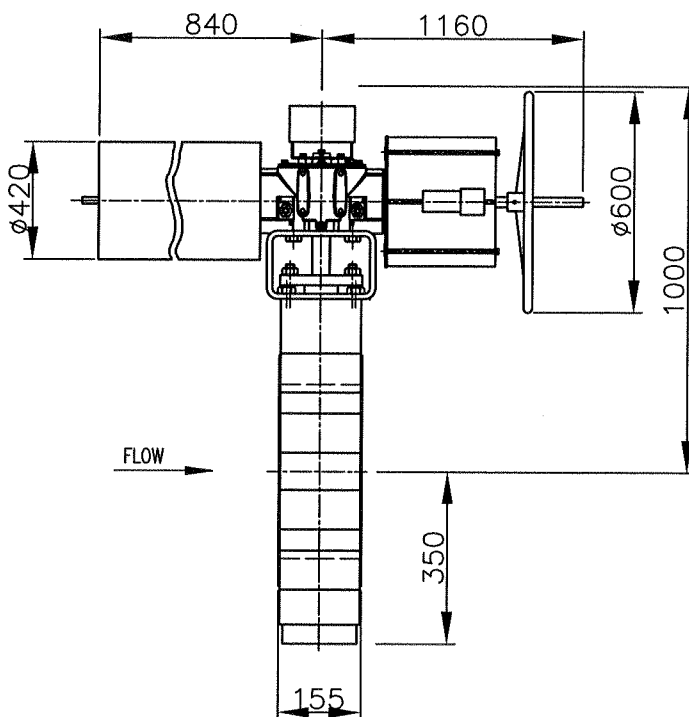
Vendor Order Reference

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VENDOR  
DOC. NO.



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NATIONAL PETROCHEMICAL COMPANY  
ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

ZPC  
PROJ. NO. 232000

DWG NO.

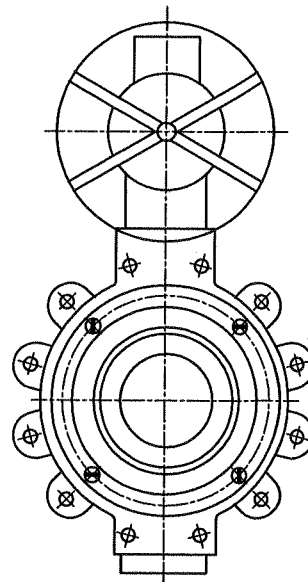
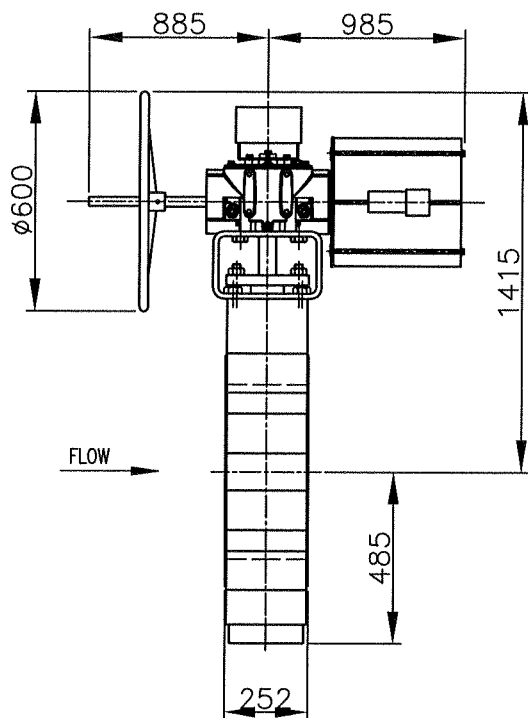
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SHT :

PIDEDEC  
PROJ. NO. 1182

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mech. Linkage to TV-101204B

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THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: WVTB  
Valve Style: Butterfly Valve  
Valve Size: 20 inch  
Pressure Rating: Class 900  
Flange Form: Lug-Type RF-SF  
Actuator Type: GP-100S-485/DA+MH  
Actuator Size:  
Weight (kg): 2100

616 100  
Vendor Order Reference

Tag No.: TV-101204A



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VENDOR  
DOC. NO.

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شرکت پتروشیمی زاگرس

PROJECT :

2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

SHT :

ZPC PROJ. NO. 232000

PIDEC PROJ. NO. 1182

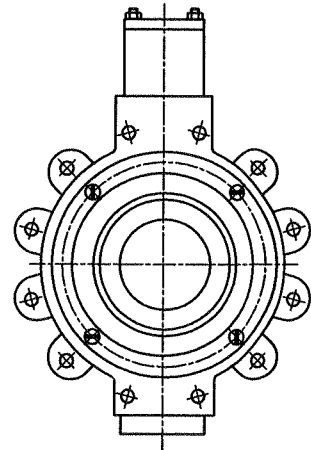
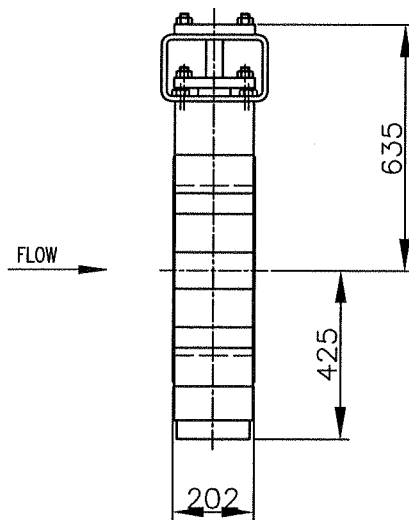
DWG NO.

REV

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4 3 2 1



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Valve Type: WVTB  
Valve Style: Butterfly Valve  
Valve Size: 16 inch  
Pressure Rating: Class 900  
Flange Form: Lug-Type RF-SF  
Actuator Type: GP-100S-485/DA+MH  
Actuator Size: mech. Linkage  
Weight (kg): 1150

616 100  
Vendor Order Reference

Tag No.: TV-101204B



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VENDOR  
DOC. NO.

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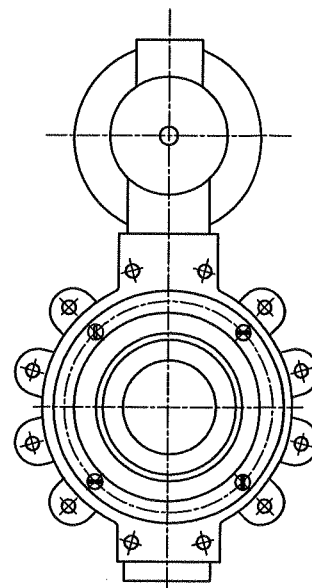
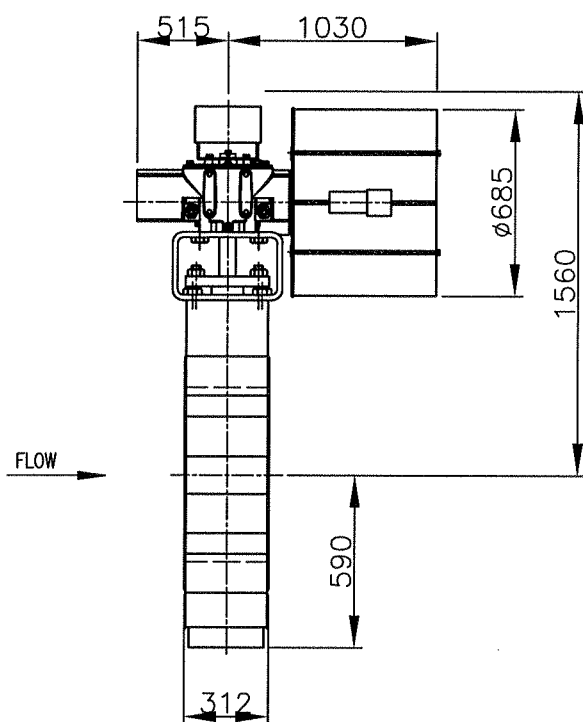
**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDEDEC PROJ. NO. 1182		

4 3 2 1



mech. Linkage to TV-200521B

## DISPOSITION

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Valve Type: LDE  
 Valve Style: Butterfly Valve  
 Valve Size: 24 inch  
 Pressure Rating: Class 900  
 Flange Form: Lug-Type RF-SF  
 Actuator Type: GP-130S-535/DA  
 Actuator Size: .  
 Weight (kg): 2800

616 100

Vendor Order Reference

Tag No.: TV-200521A



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VENDOR DOC. NO.

All dimensions in mm (no scale)

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شرکت پتروشیمی زاگرس

PROJECT :

2nd ZAGROS MEGAMETHANOL PROJECT



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 DESIGN & ENGINEERING COMPANY  
 شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE :

Pneumatic control valve

SCALE : NO

ZPC PROJ. NO. 232000

DWG NO.

REV

SHT :

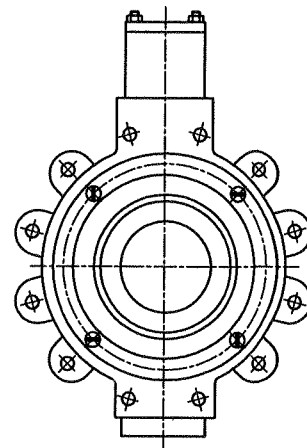
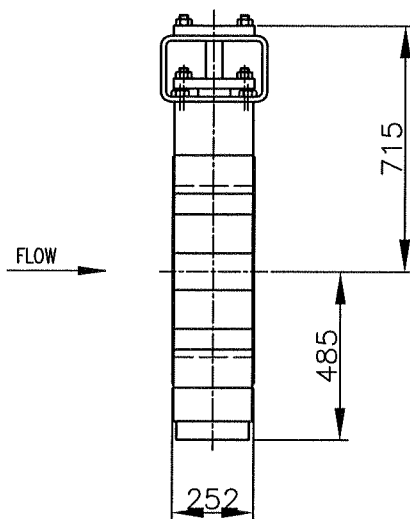
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Valve Type: LDE  
Valve Style: Butterfly Valve  
Valve Size: 20 inch  
Pressure Rating: Class 900  
Flange Form: Lug-Type RF-SF  
Actuator Type: mech. Linkage  
Actuator Size: .  
Weight (kg): 1400

616 100  
Vendor Order Reference

Tag No.: TV-200521B



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VENDOR  
DOC. NO.

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ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES  
DESIGN & ENGINEERING COMPANY  
شرکت طراحی و مهندسی صنایع پتروشیمی

**engineering**  
**Lurgi**

TITLE : Pneumatic control valve

SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDE PROJ. NO. 1182		

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Index of Revisions

Rev.	Sheet	Prepared, revised		Checked	Approved			Remark, kind of revision
		Name	Date	Name	Name	Date	Status	
00	1 to 107	V12/sro	2004-09-01	V12/lf	V12/di	2004-09-10	IFR	FIRST ISSUE / FINAL ISSUE