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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			
Contractor: PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING CO. شرکت طراحی و مهندسی صنایع پتروشیمی					Owner Project No: 232000 	Contractor Order No: 1182-POR-IN-644 Vendor Order Ref: 616 100	Q.L. -	DCC -
mg engineering Lurgi	Project Name 2nd ZAGROS METHANOL PLANT			Lurgi Doc. No.	Vendor Doc. No. SAM-150	Sheet / of 1 / 107	Revision 00	

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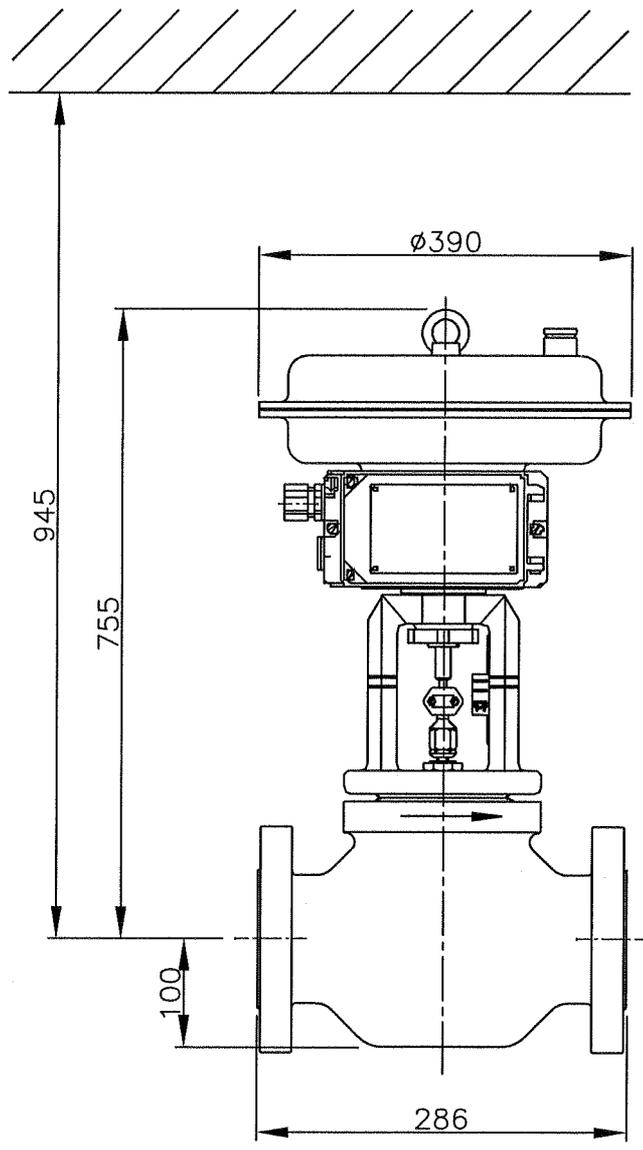
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REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
3					
2					
1					
0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di

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

OWNER : NATIONAL PETROCHEMICAL COMPANY
ZAGROS PETROCHEMICAL COMPLEX
شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

616 100
Vendor Order Reference

Tag No.: FV-100326

PIDEC PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY
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engineering
Lurgi

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Waldmühlstrasse 3
D-40024 Frankfurt am Main
Phone: +49 69 40 08-0
Fax: +49 69 40 09-1791
Internet: http://www.samson.de

TITLE : Pneumatic control valve

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

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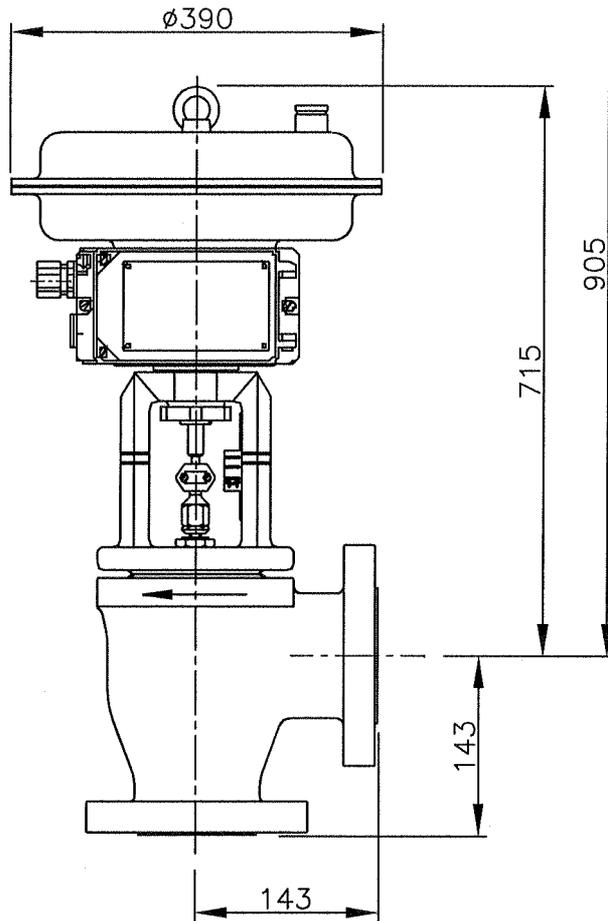
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Valve Type:	3256
Valve Style:	Angle Valve
Valve Size:	2 inch
Pressure Rating:	Class 600
Flange Form:	RF-SF
Actuator Type:	3277
Actuator Size:	700
Weight (kg):	86

616 100
Vendor Order Reference
Tag No.: FV-100406

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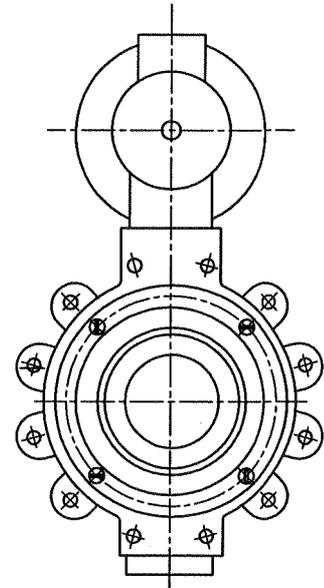
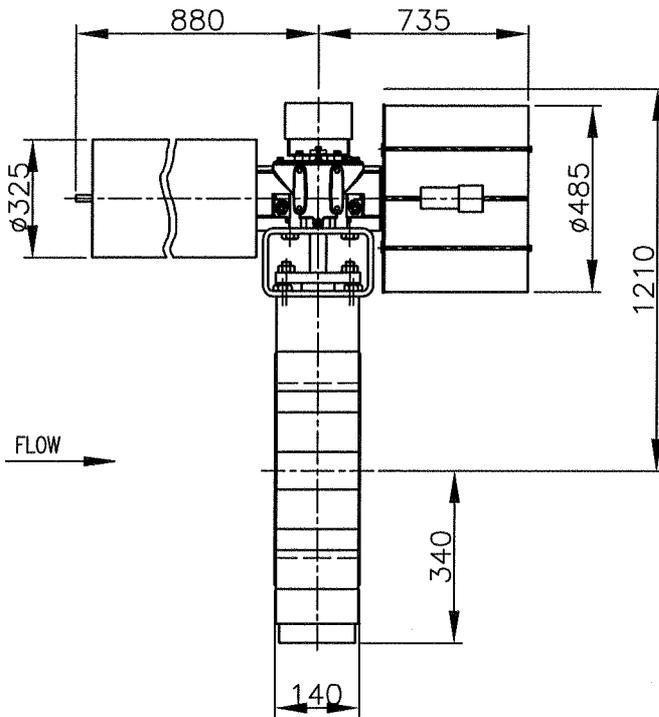
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 PETROCHEMICAL INDUSTRIES
 DESIGN & ENGINEERING COMPANY
 شرکت طراحی و مهندسی صنایع پتروشیمی



TITLE : Pneumatic control valve			
SCALE : 1/1	ZPC PROJ. NO. 232000	DWG. NO.	REV 0
SHT : 1	PIDECE PROJ. NO. 1182		

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REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

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

OWNER : NATIONAL PETROCHEMICAL COMPANY
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 PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

616 100
 Vendor Order Reference
 Tag No.: FV-100416

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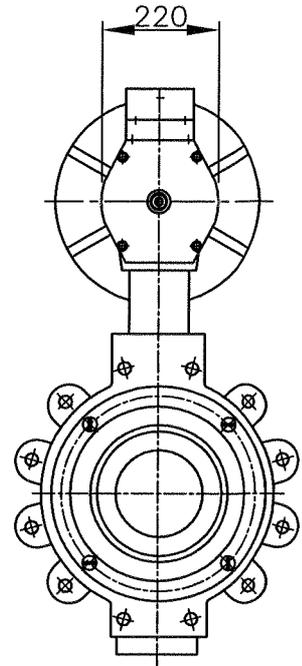
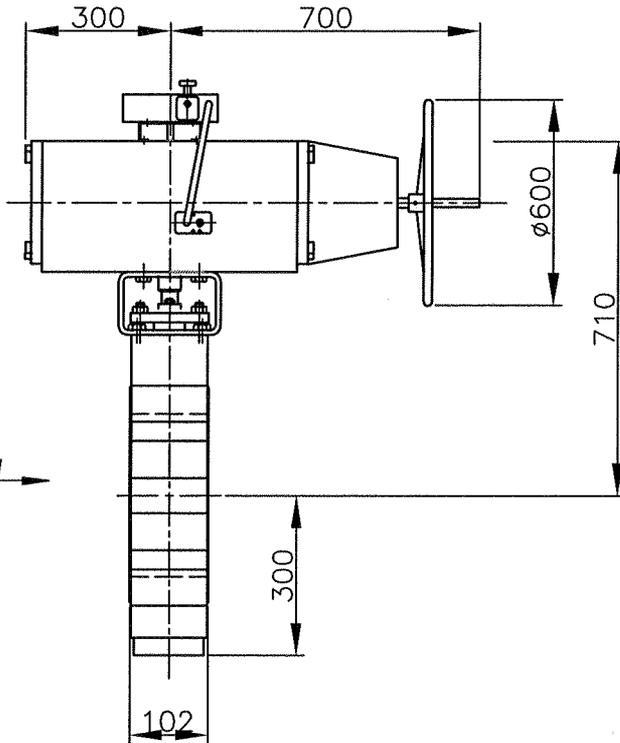
SAMSON AG
 Mess- und Regeltechnik
 Welterstrasse 3
 D-40034 Fretfort am Main
 Phone: +49 69 49 05-0
 Fax: +49 69 49 09-1791
 Internet: http://www.samson.de

TITLE : Pneumatic control valve

SCALE : 1/1	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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 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/NO

ZPC PROJ. NO. 232000
 DWG NO.

PIDEC PROJ. NO. 1182

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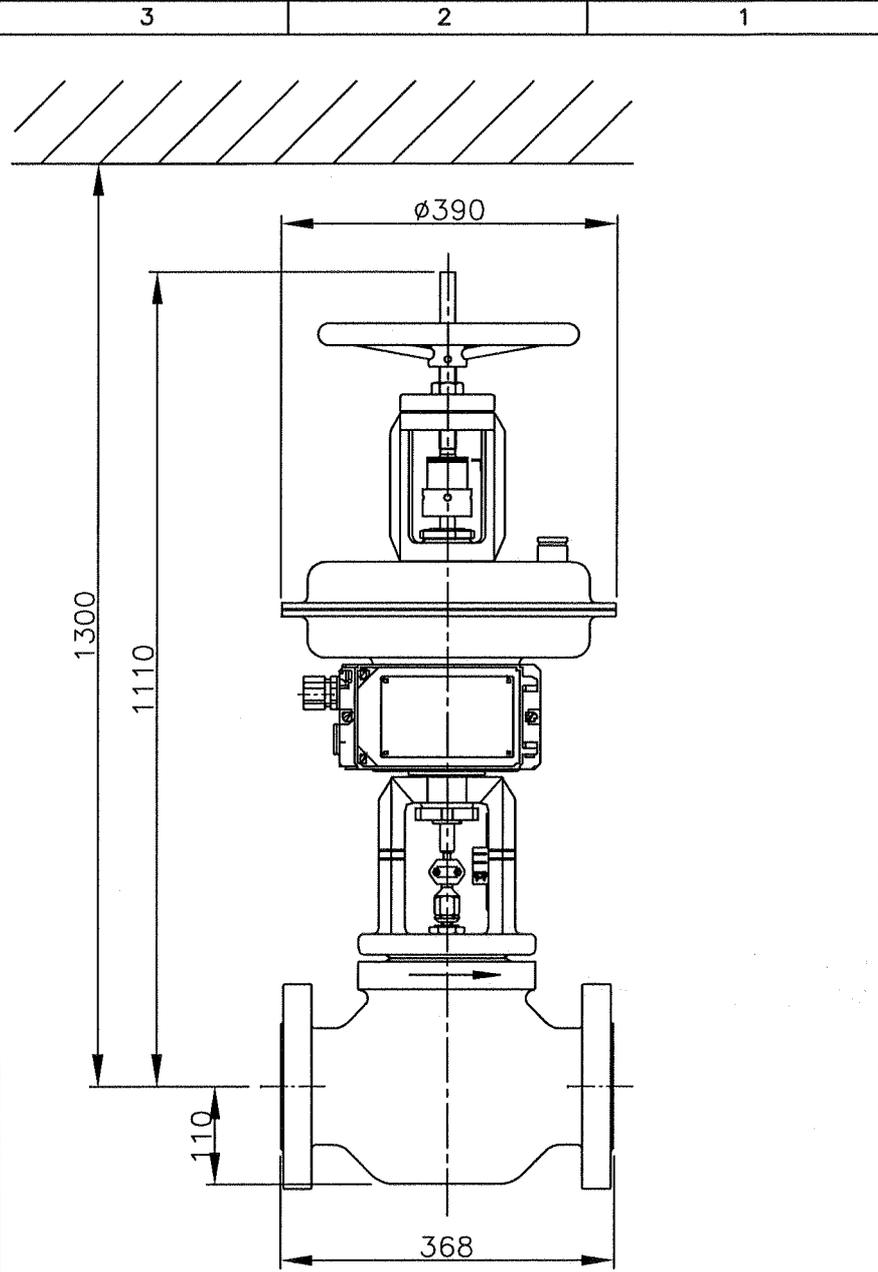
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Valve Type:	3251
Valve Style:	Globe
Valve Size:	2 inch
Pressure Rating:	Class 900
Flange Form:	RF-SF
Actuator Type:	3277
Actuator Size:	700
Weight (kg):	130

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

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TITLE: Pneumatic control valve			
SCALE: 1/ND	ZPC PROJ. NO. 232000	DWG. NO.	REV 0
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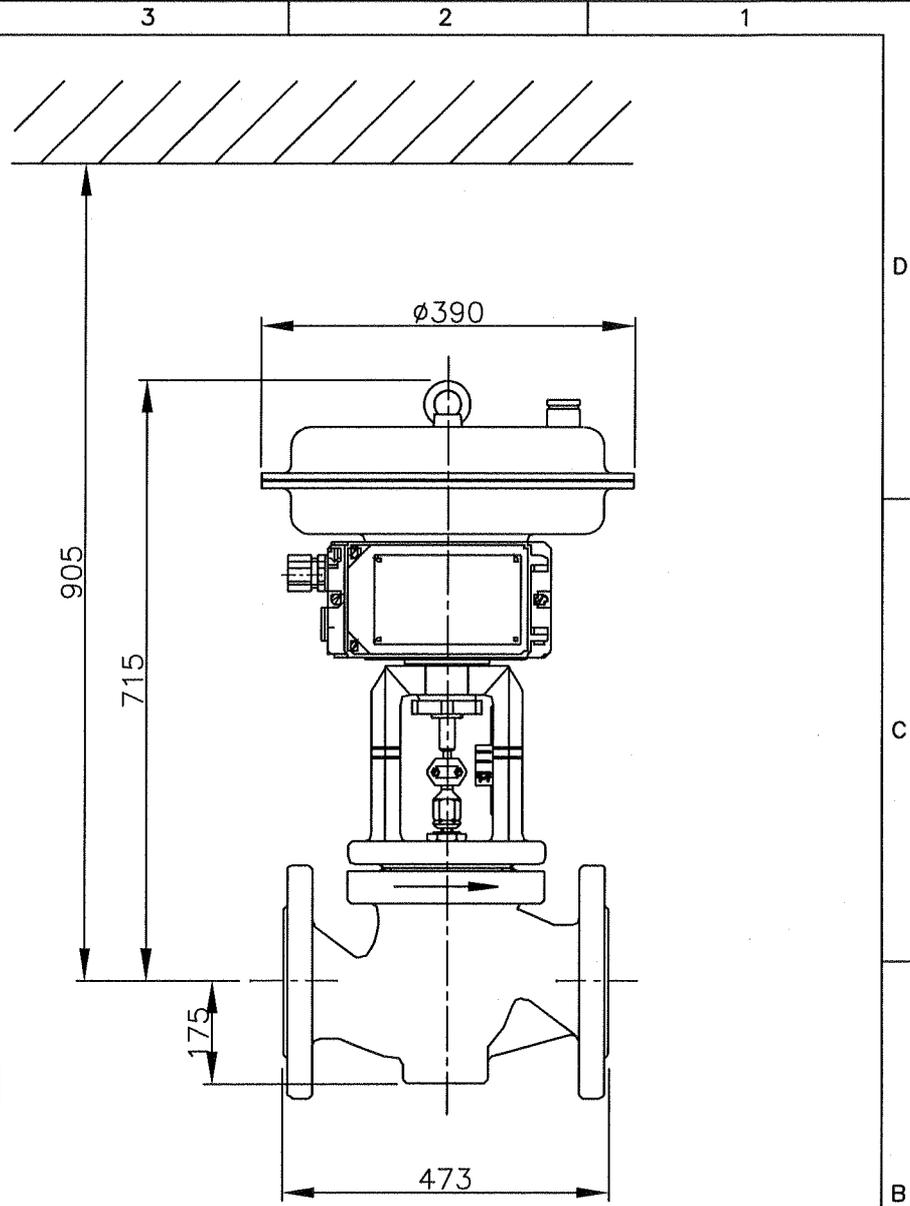
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Valve Type:	3241 with flowdivider I
Valve Style:	Globe
Valve Size:	6 inch
Pressure Rating:	Class 300
Flange Form:	RF-SF
Actuator Type:	3277
Actuator Size:	700
Weight (kg):	148

616 100
Vendor Order Reference
Tag No.: FV-100512

 **SAMSON AG**
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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

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TITLE : Pneumatic control valve	SCALE : ND	ZPC PROJ. NO. 232000	DWG. NO.	REV 0
SHT : _____		PIDEC PROJ. NO. 1182		

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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

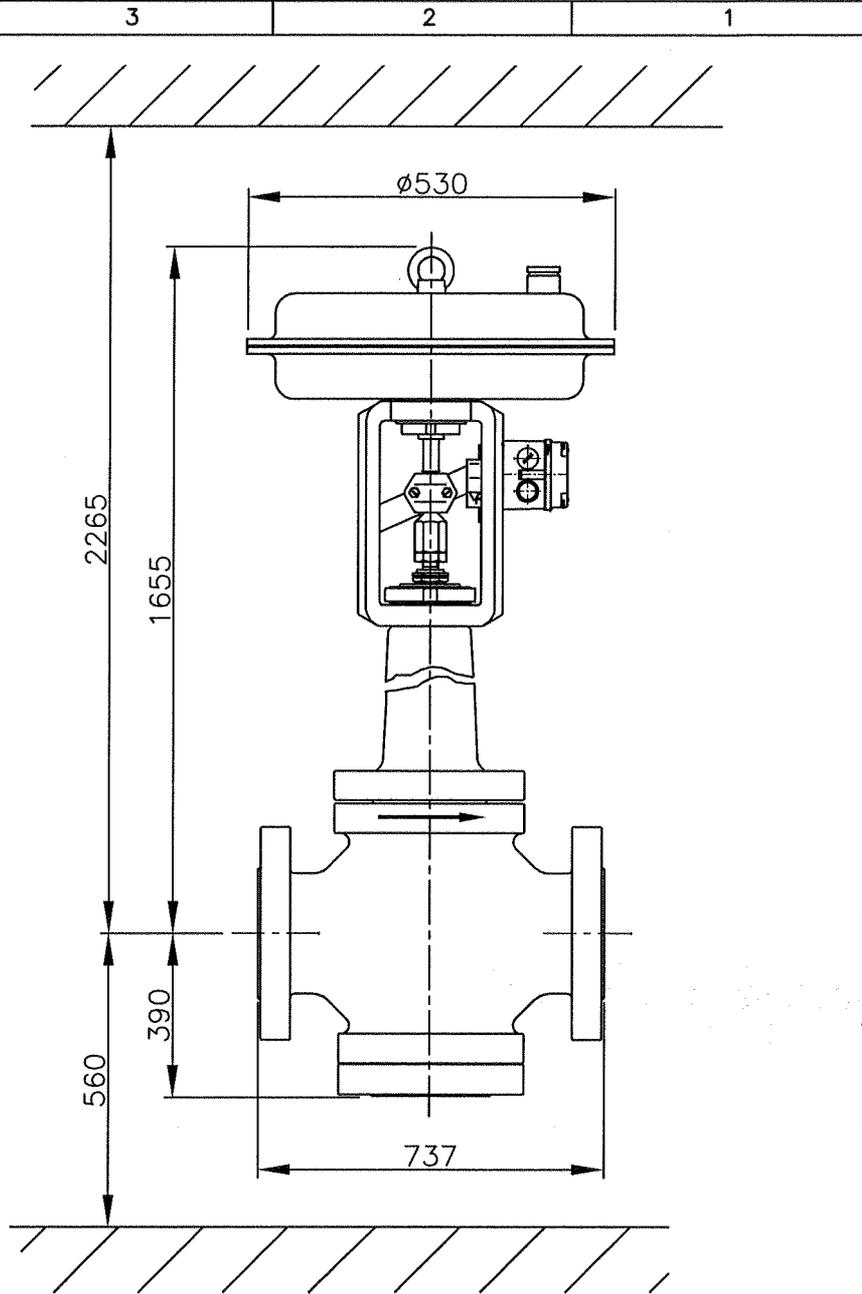
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Vendor Order Reference

Tag No.: FV-100704



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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



PIDEC PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY
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TITLE : Pneumatic control valve		SCALE : 1/1	ZPC PROJ. NO. 232000	DWG. NO.	REV 0
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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

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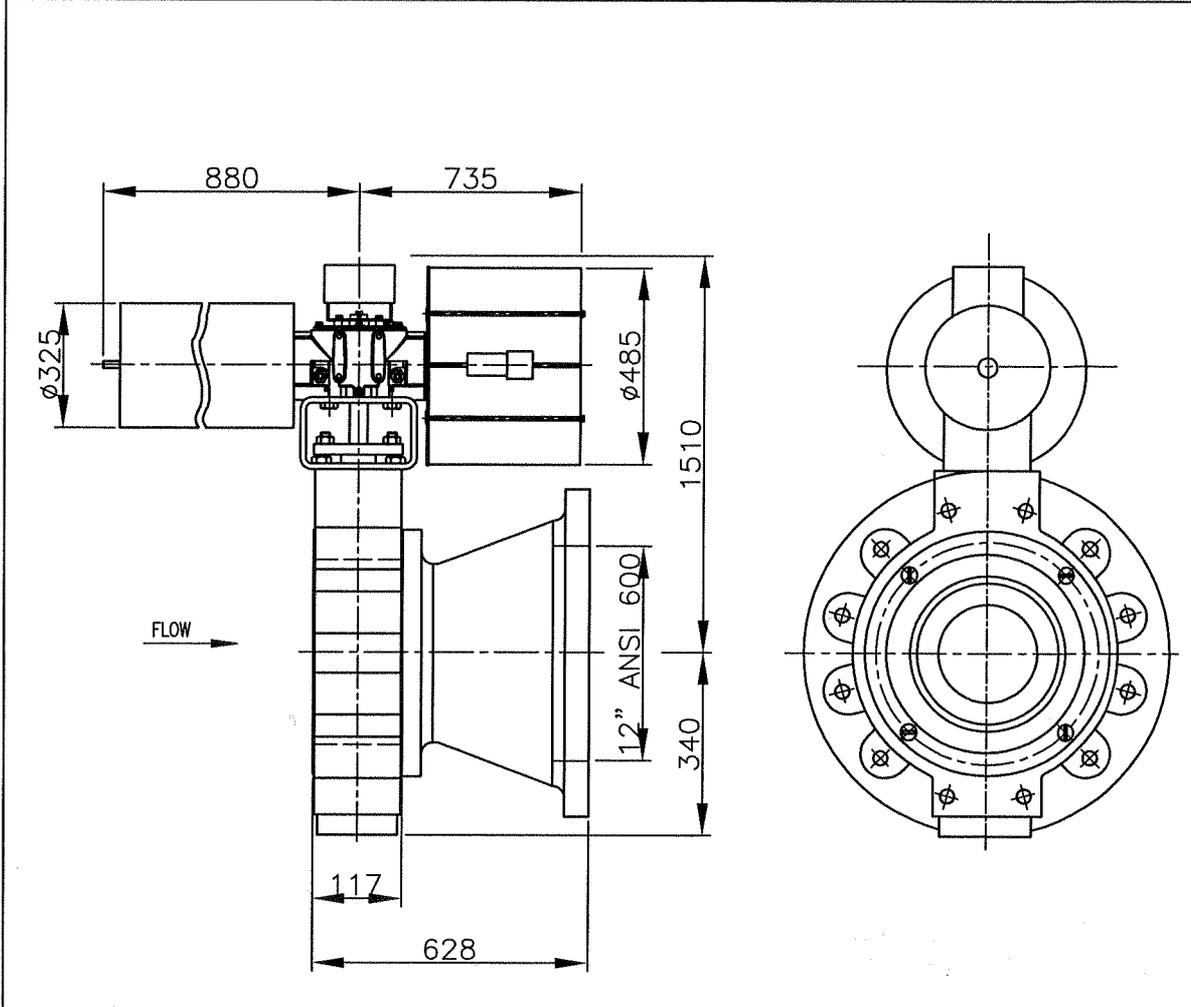
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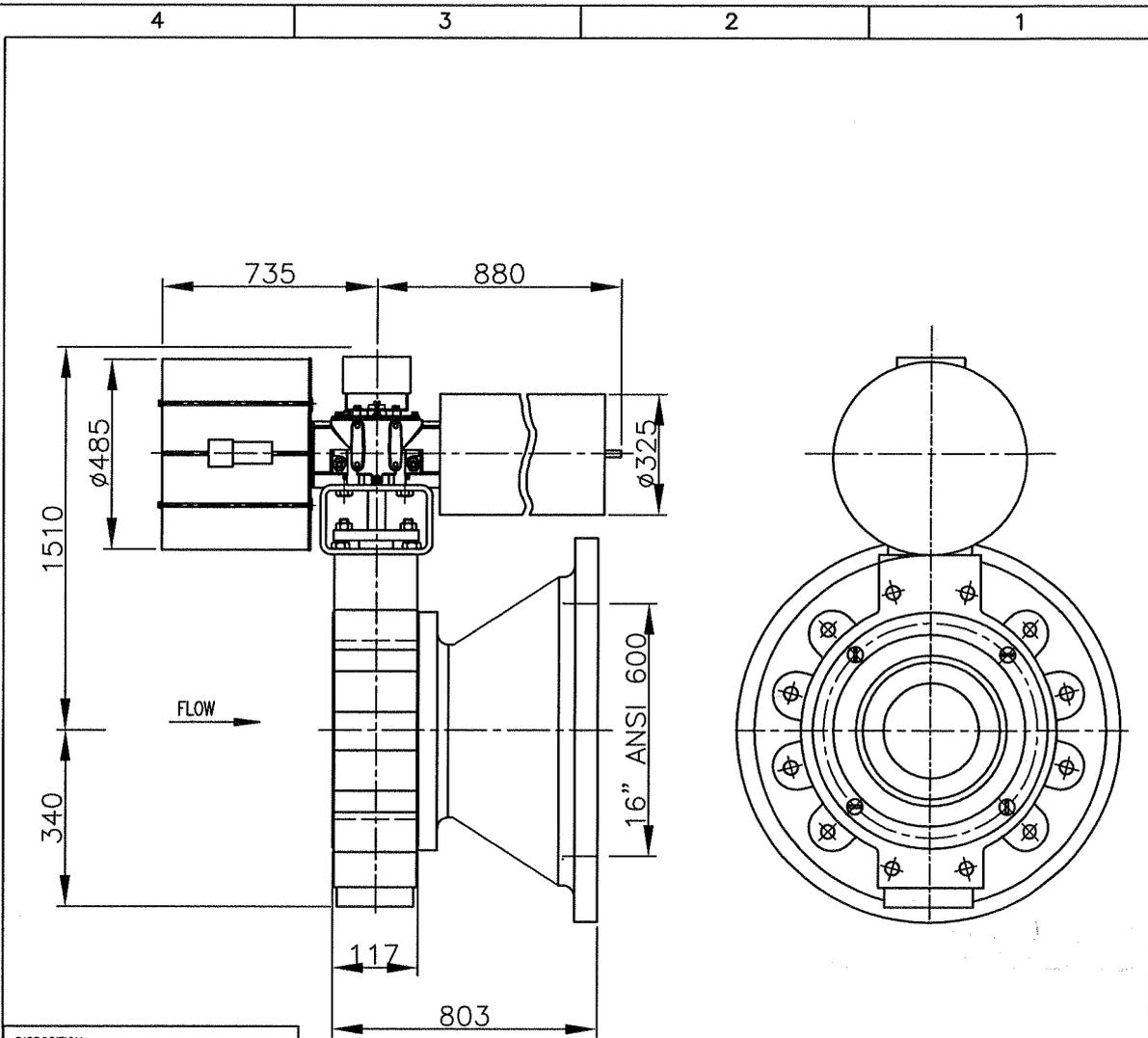
TITLE : Pneumatic control valve

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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 02-0
Fax: +49 69 40 02-1791
Internet: http://www.samson.de

REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
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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 : 1/10	ZPC PROJ. NO. 232000	DWG. NO.	REV 0
SHT :	PIDECE PROJ. NO. 1182		

All dimensions in mm (no scale)

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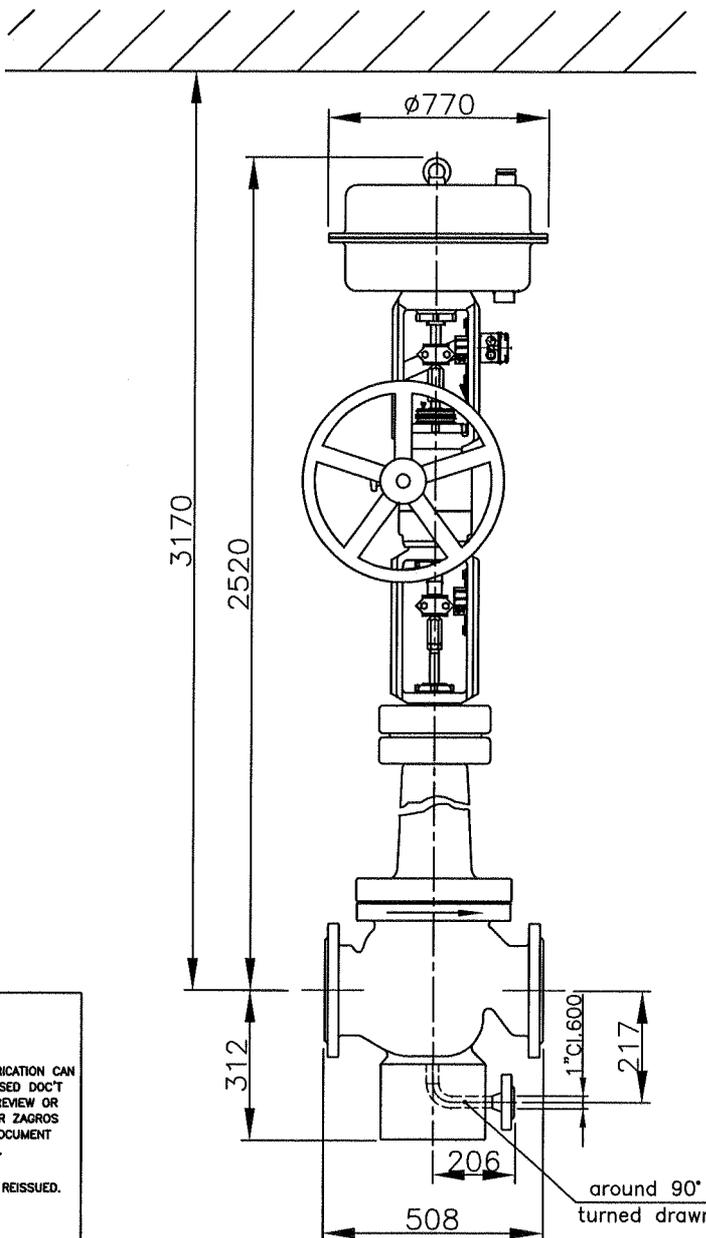
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

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:	2800
Weight (kg):	937

616 100
Vendor Order Reference
Tag No.: FV-100825

 **SAMSON AG**
Mess- und Regeltechnik
Welschmuhlenstrasse 3
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All dimensions in mm (no scale)

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OWNER : NATIONAL PETROCHEMICAL COMPANY
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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 0
SHT :		PIDEC PROJ. NO. 1182			

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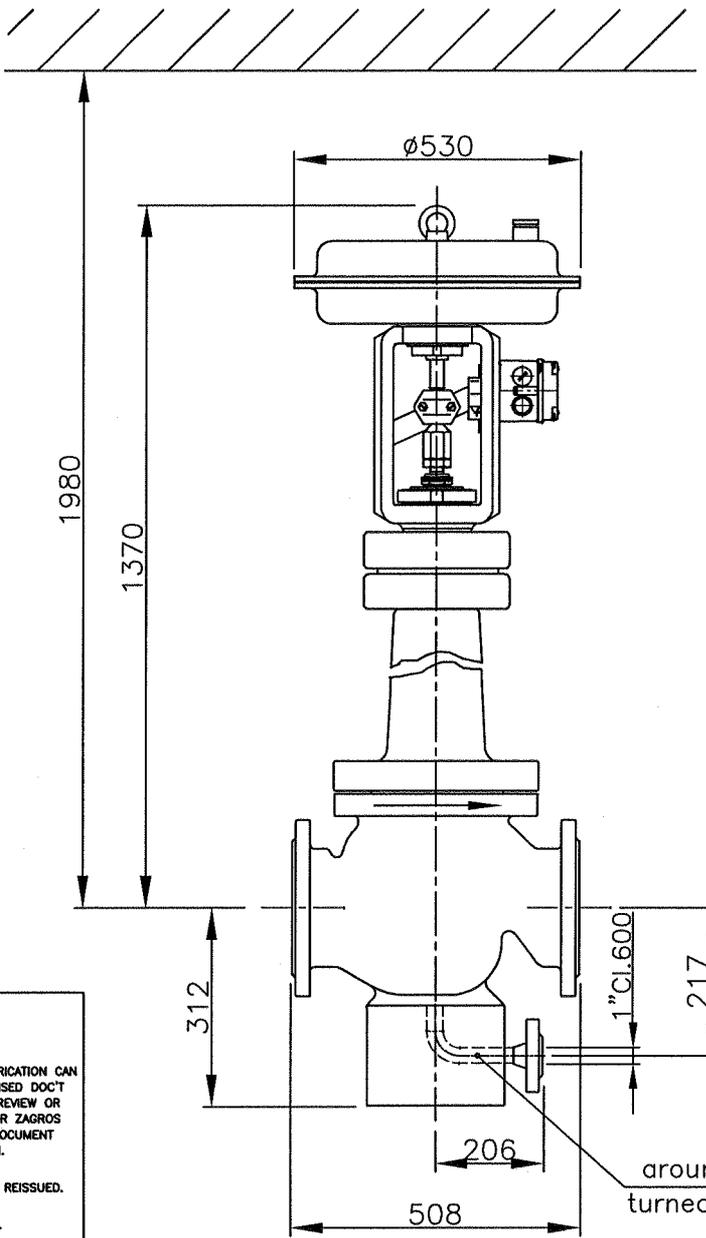
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type:	3251/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
Welschmühlstrasse 3
D-60314 Frankfurt am Main
Phone: +49 69 40 08-0
Fax: +49 69 40 08-1791
Internet: http://www.samson.de

VENDOR DOC. NO. _____



All dimensions in mm (no scale)

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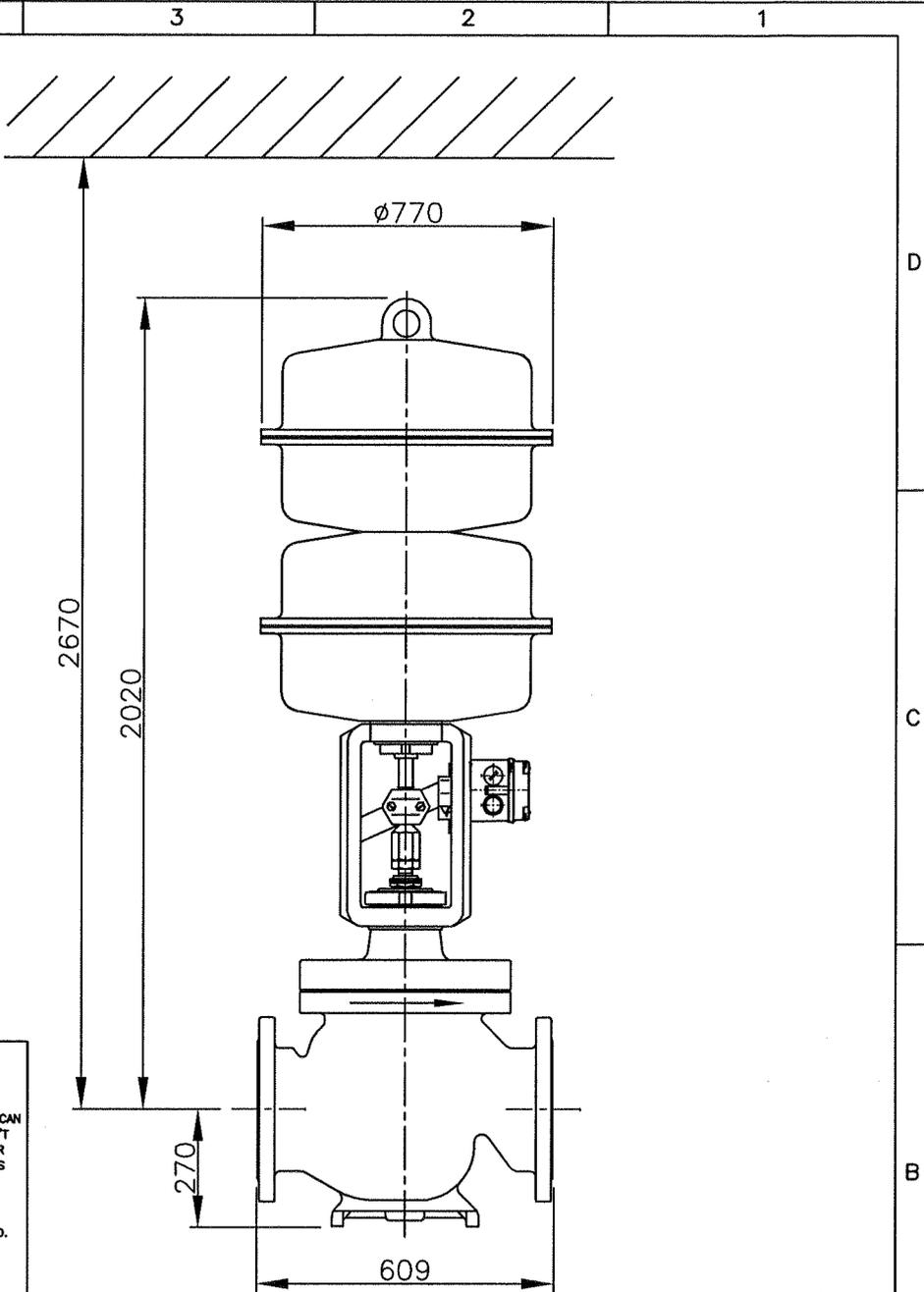
Valve Type:	3251
Valve Style:	Globe
Valve Size:	8 inch
Pressure Rating:	Class 600
Flange Form:	RF-SF
Actuator Type:	3271
Actuator Size:	2 x 2800
Weight (kg):	1492

616 100
Vendor Order Reference

Tag No.: FV-101019



SAMSON AG
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OWNER : NATIONAL PETROCHEMICAL COMPANY
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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 : ND	ZPC PROJ. NO. 232000	DWG. NO.	REV 0
SHT :	PIDECE PROJ. NO. 1182		

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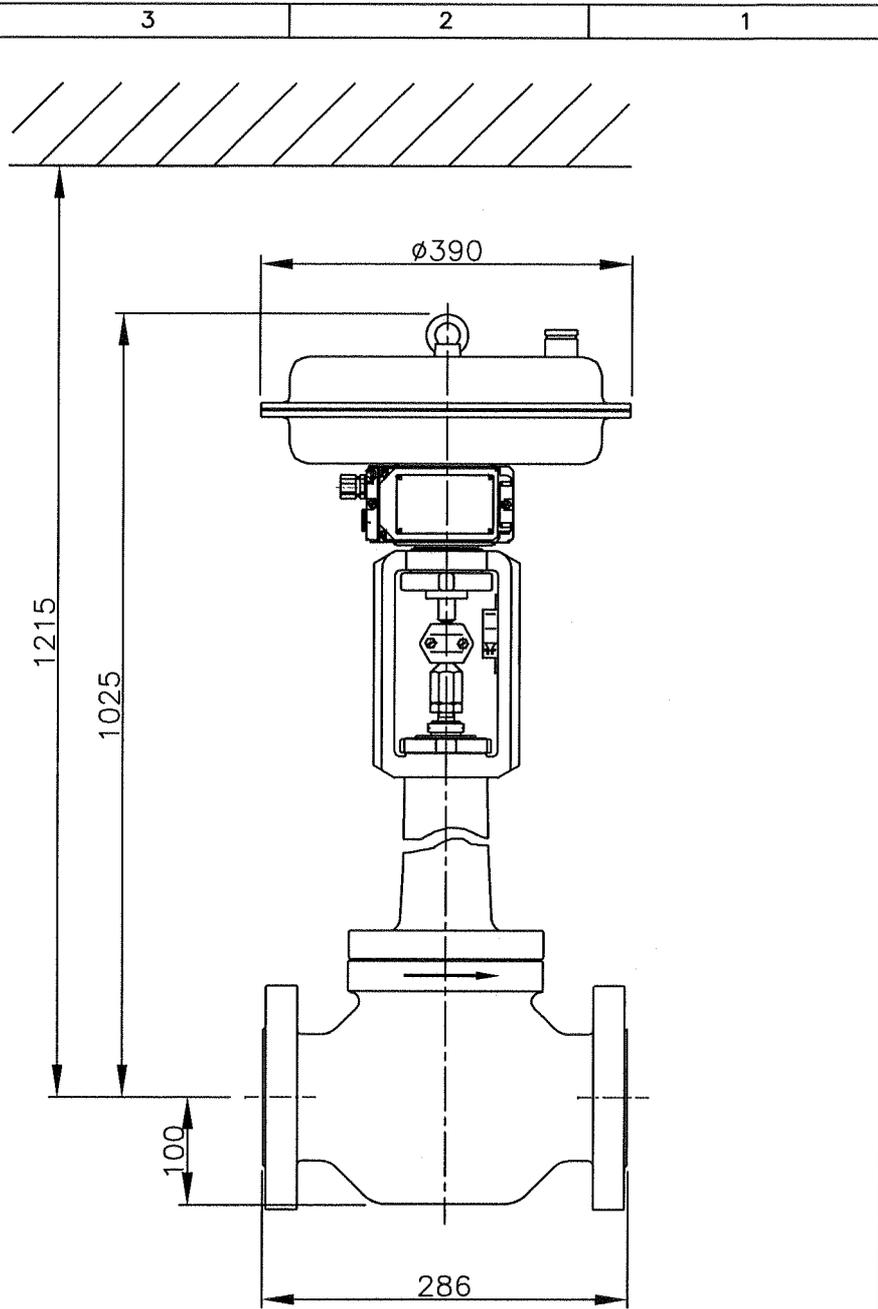
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Valve Type:	3251 insulating section
Valve Style:	Globe
Valve Size:	2 inch
Pressure Rating:	Class 600
Flange Form:	RF-SF
Actuator Type:	3277
Actuator Size:	700
Weight (kg):	100

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

 **SAMSON AG**
 Mess- und Regeltechnik
 Welterstrasse 3
 D-40314 Frahmhorst am Main
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TITLE : Pneumatic control valve			
SCALE : NO	ZPC PROJ. NO. 232000	DWG. NO.	REV
SHT :	PIDE PROJ. NO. 1182		0

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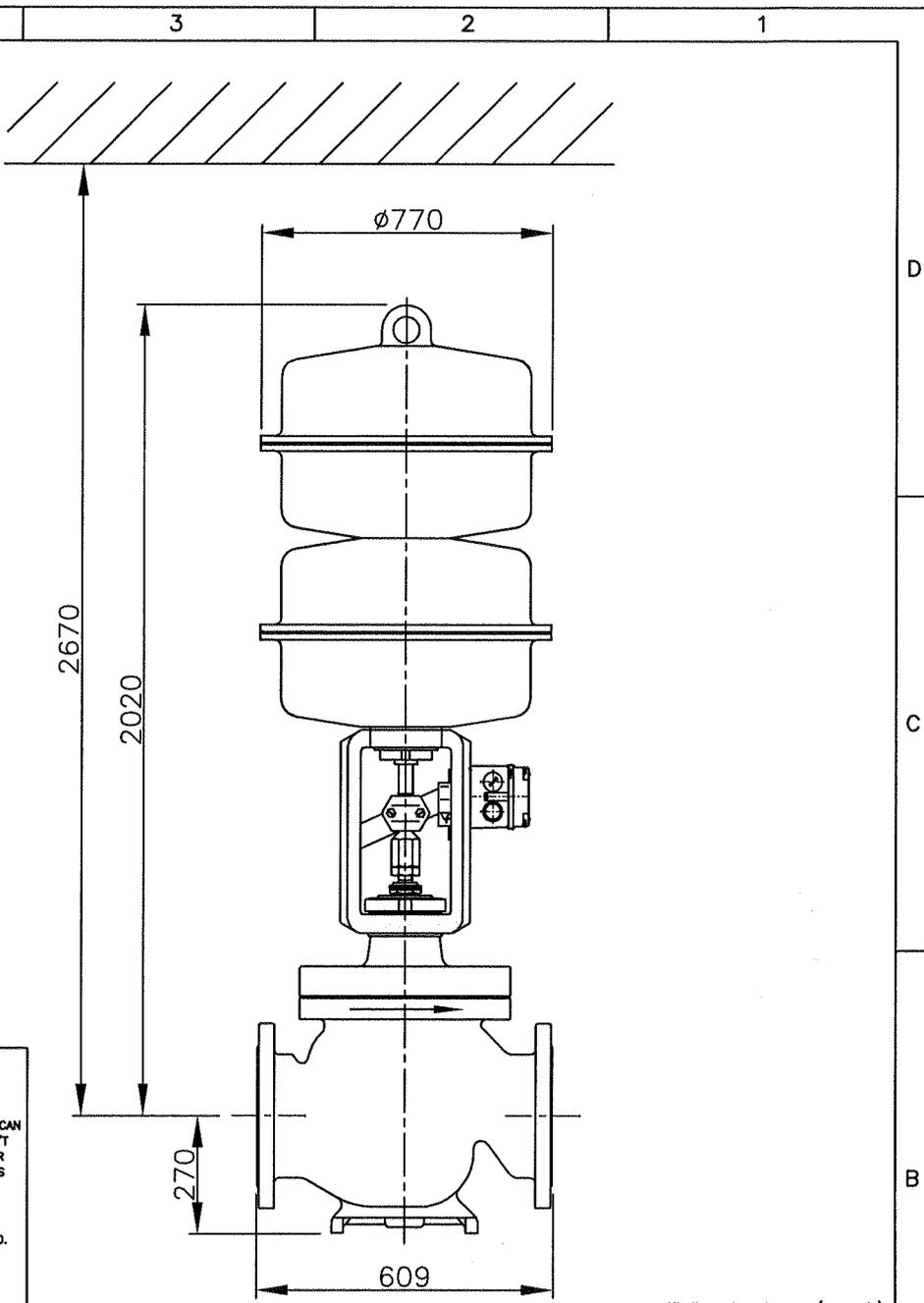
Valve Type:	3251
Valve Style:	Globe
Valve Size:	8 inch
Pressure Rating:	Class 600
Flange Form:	RF-SF
Actuator Type:	3271
Actuator Size:	2 x 2800
Weight (kg):	1492

616 100
Vendor Order Reference

Tag No.: FV-101039

 **SAMSON AG**
Mess- und Regeltechnik
Wiesenmattstrasse 3
D-66314 Freyburg am Mah
Phone: +49 69 40 09-0
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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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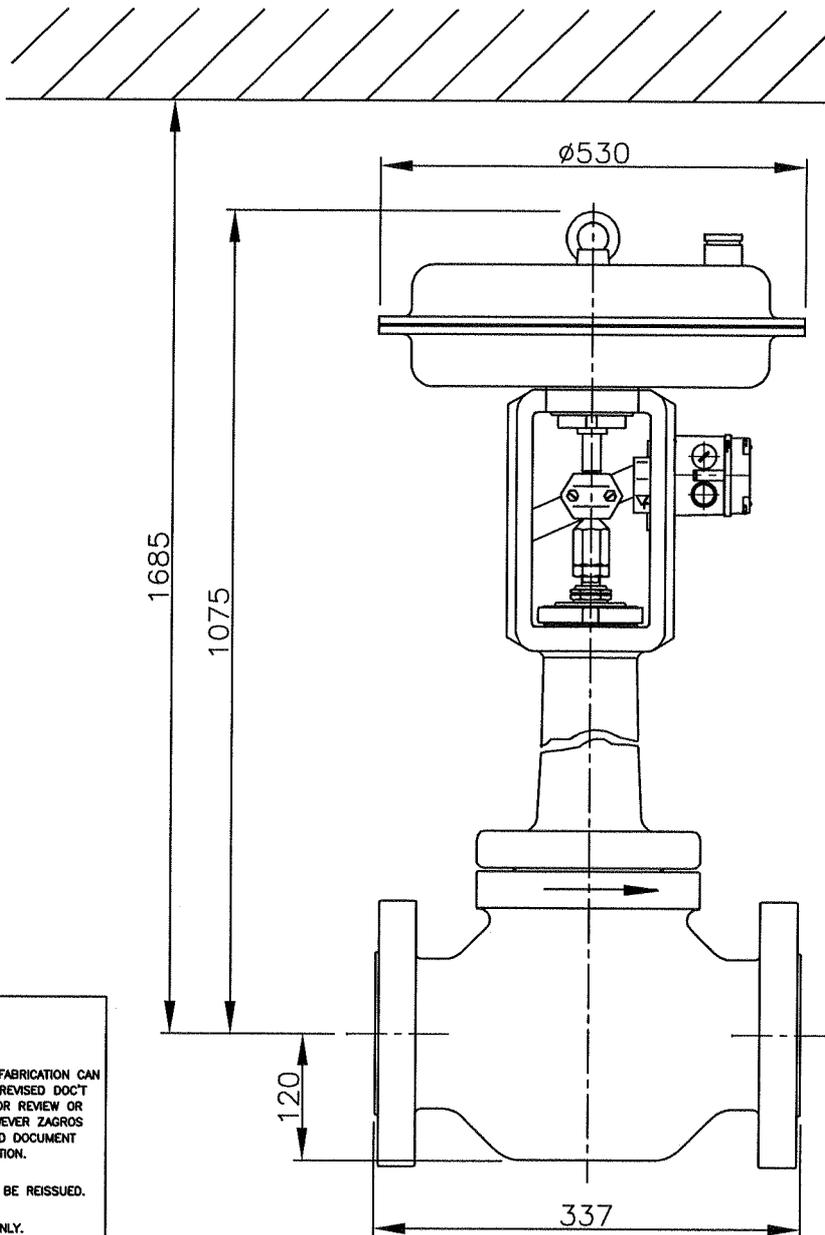
Valve Type:	3251/insul. with flowd. I
Valve Style:	Globe
Valve Size:	3 inch
Pressure Rating:	Class 600
Flange Form:	RF-SF
Actuator Type:	3271
Actuator Size:	1400
Weight (kg):	182

616 100
Vendor Order Reference

Tag No.: FV-101041



VENDOR DOC. NO.



All dimensions in mm (no scale)

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TITLE : Pneumatic control valve

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

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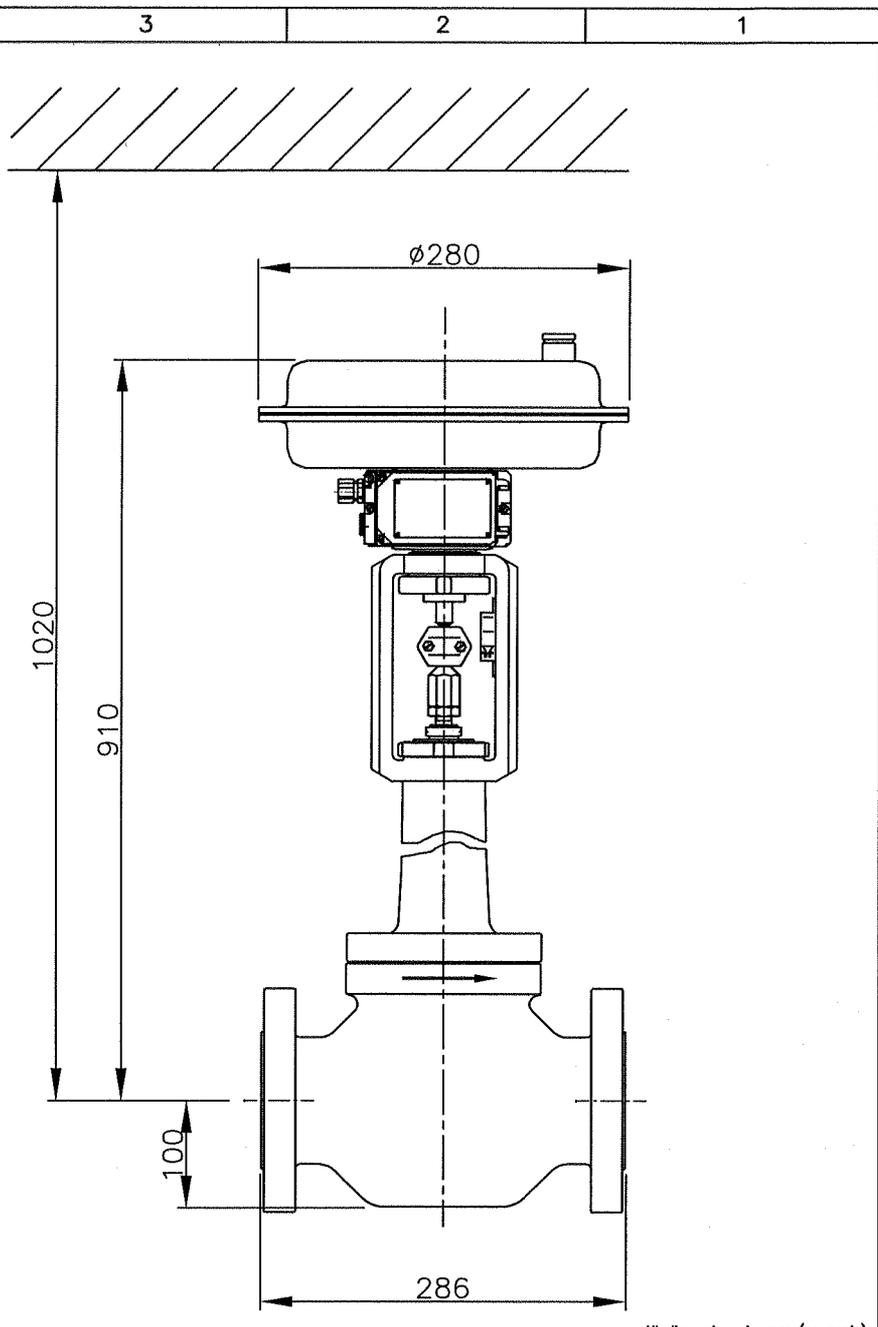
Valve Type:	3251/insul. with flowd. I
Valve Style:	Globe
Valve Size:	2 inch
Pressure Rating:	Class 600
Flange Form:	RF-SF
Actuator Type:	3277
Actuator Size:	350
Weight (kg):	86

616 100
Vendor Order Reference

Tag No.: FV-101122



SAMSON AG
Mess- und Regeltechnik
Völknerstrasse 3
D-66314 Frankfurt am Main
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Fax: +49 69 40 09-1781
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engineering
Lurgi

TITLE: Pneumatic control valve

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

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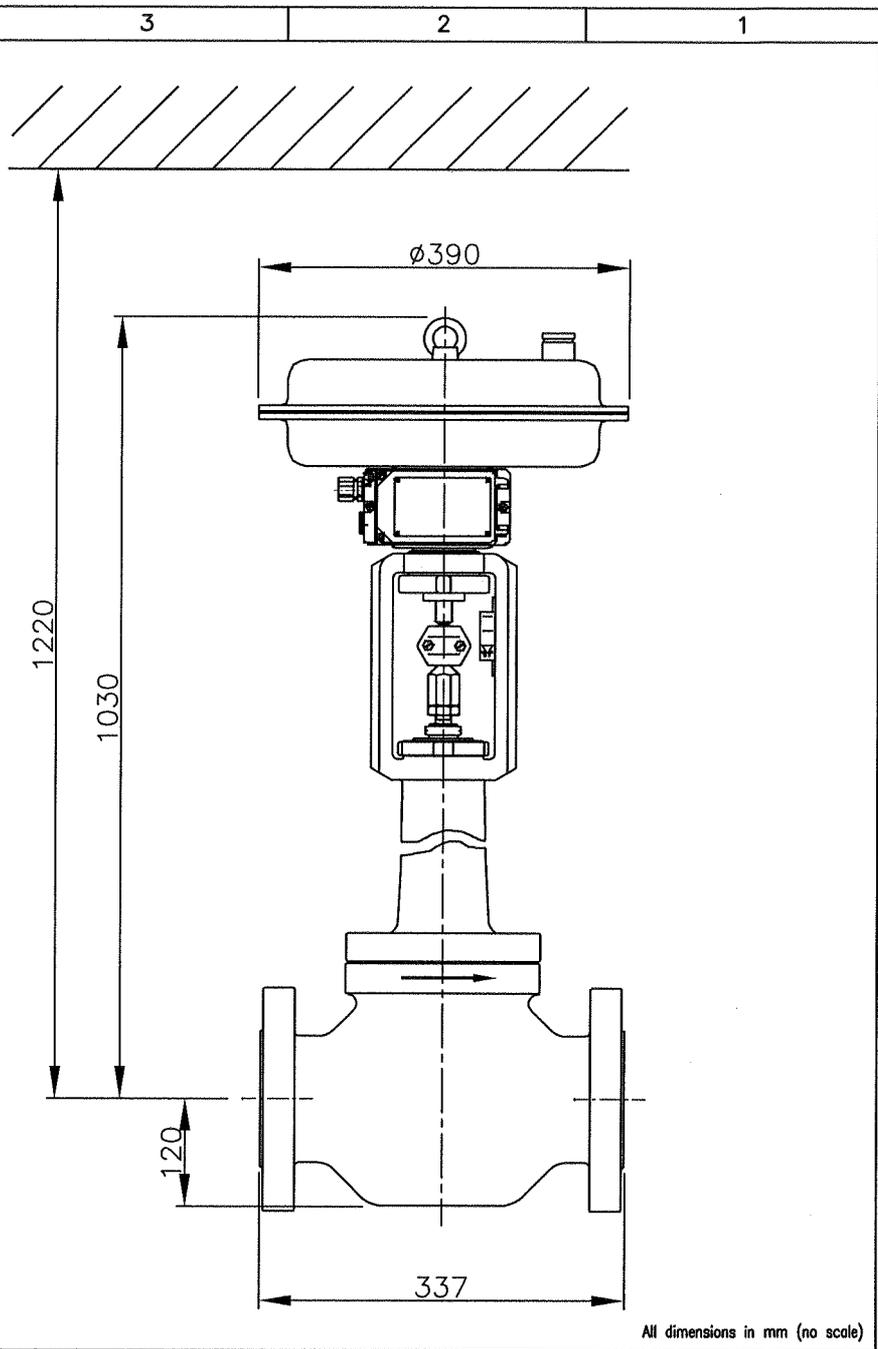
Valve Type:	3251/insul. with flowd. I
Valve Style:	Globe
Valve Size:	3 inch
Pressure Rating:	Class 600
Flange Form:	RF-SF
Actuator Type:	3277
Actuator Size:	700
Weight (kg):	138

616 100
Vendor Order Reference

Tag No.: FV-101125



SAMSON AG
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Völklingenstraße 3
D-66314 Frankfurt am Main
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Fax: +49 69 40 09-1791
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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:	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



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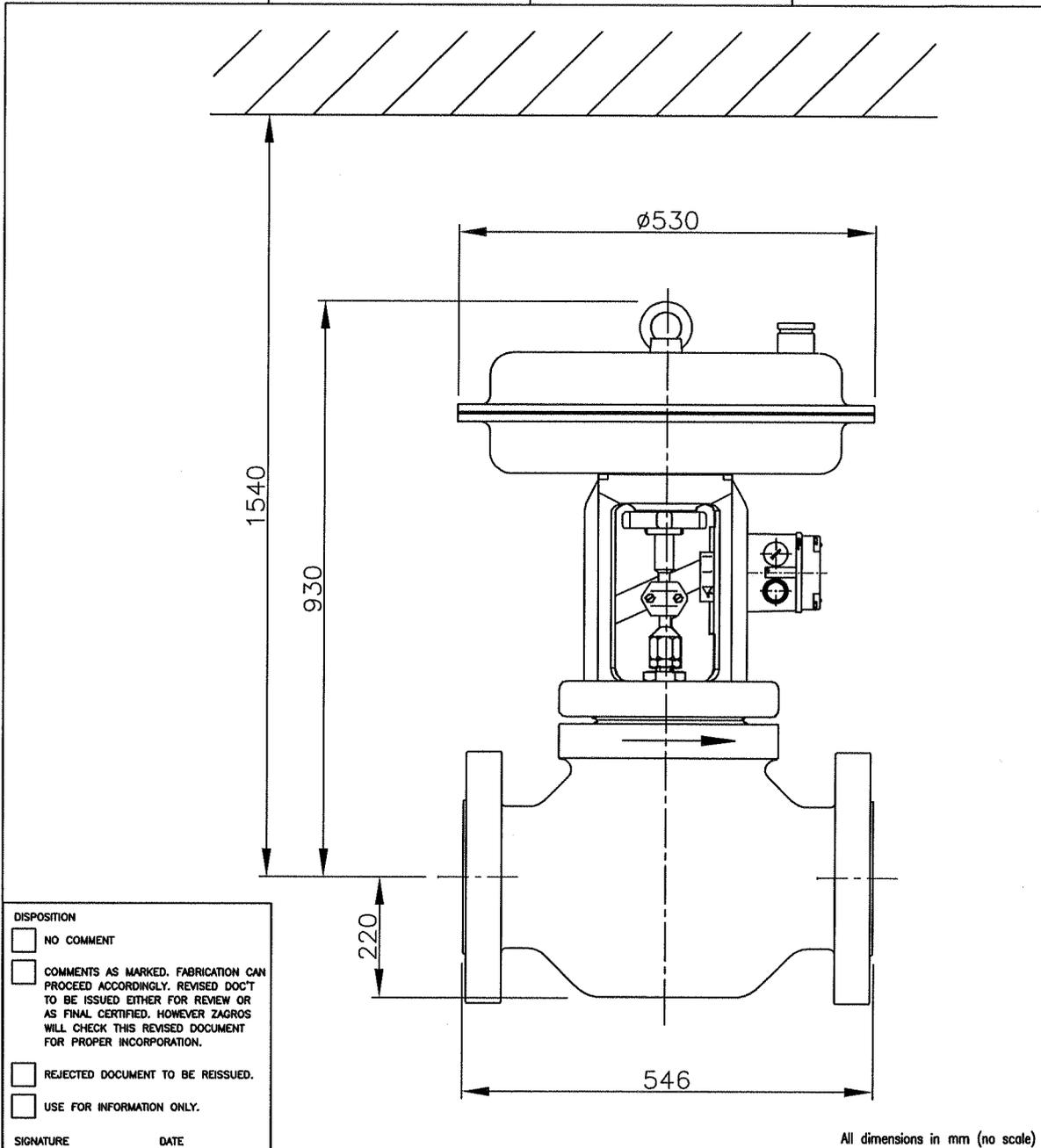


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TITLE : Pneumatic control valve

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



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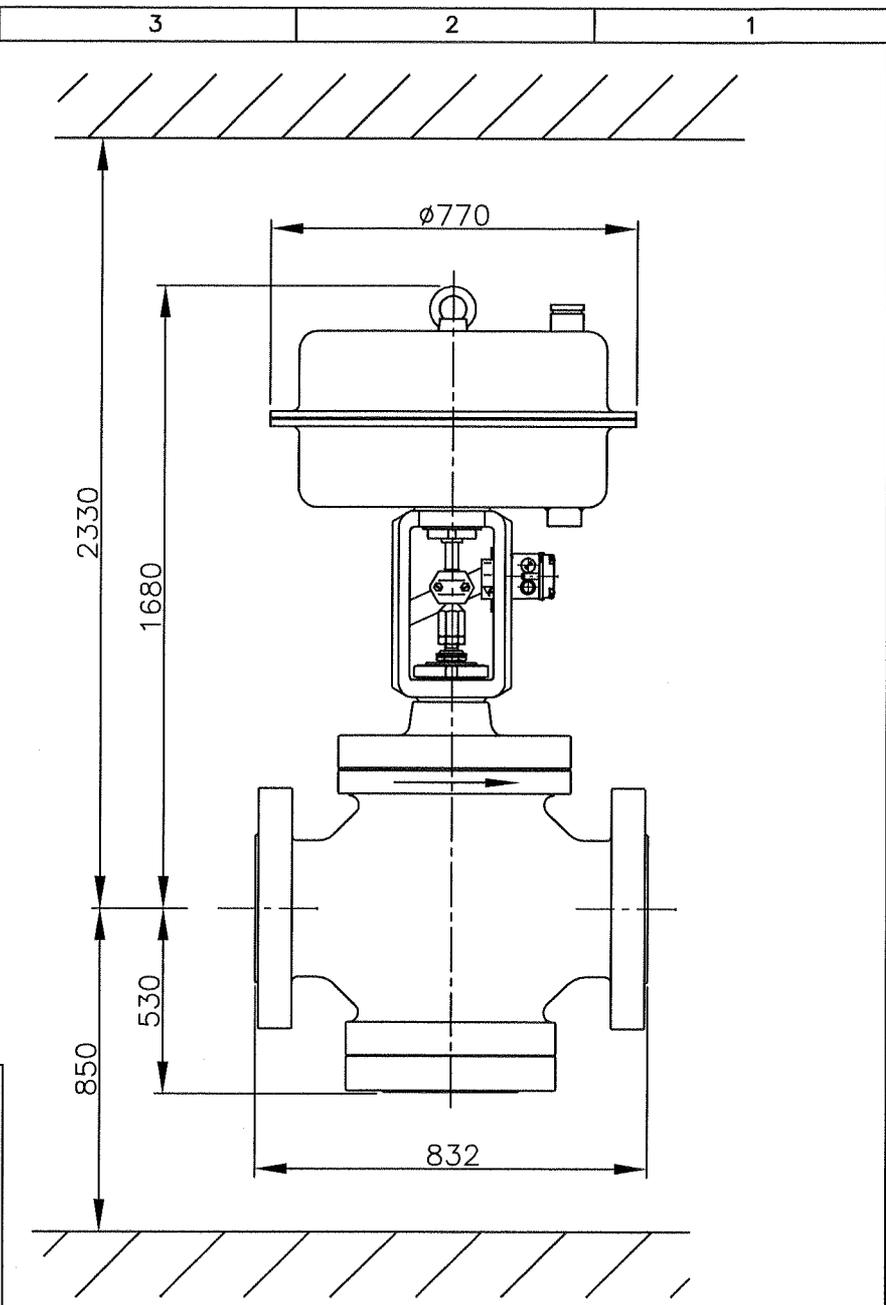
Valve Type:	3254
Valve Style:	Globe
Valve Size:	8 inch
Pressure Rating:	Class 1500
Flange Form:	RF-SF
Actuator Type:	3271
Actuator Size:	2800
Weight (kg):	1852

616 100
Vendor Order Reference

Tag No.: FV-101229B



VENDOR DOC. NO. _____



All dimensions in mm (no scale)

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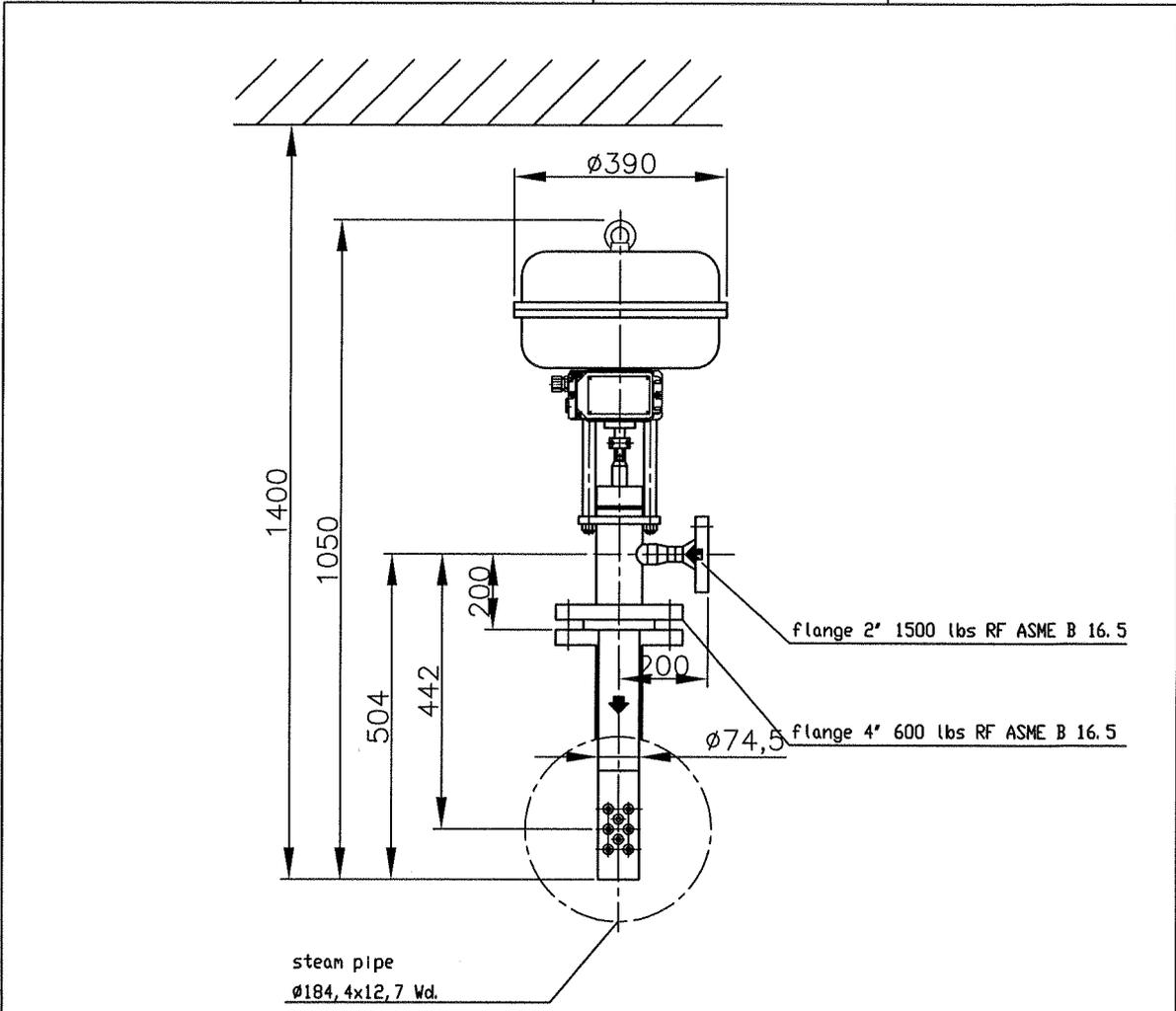
PROJECT: 2nd ZAGROS MEGAMETHANOL PROJECT



TITLE: Pneumatic control valve

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

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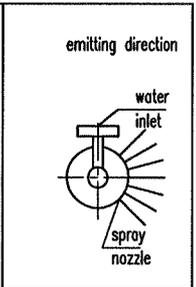
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REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
3					
2					
1					
0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di

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

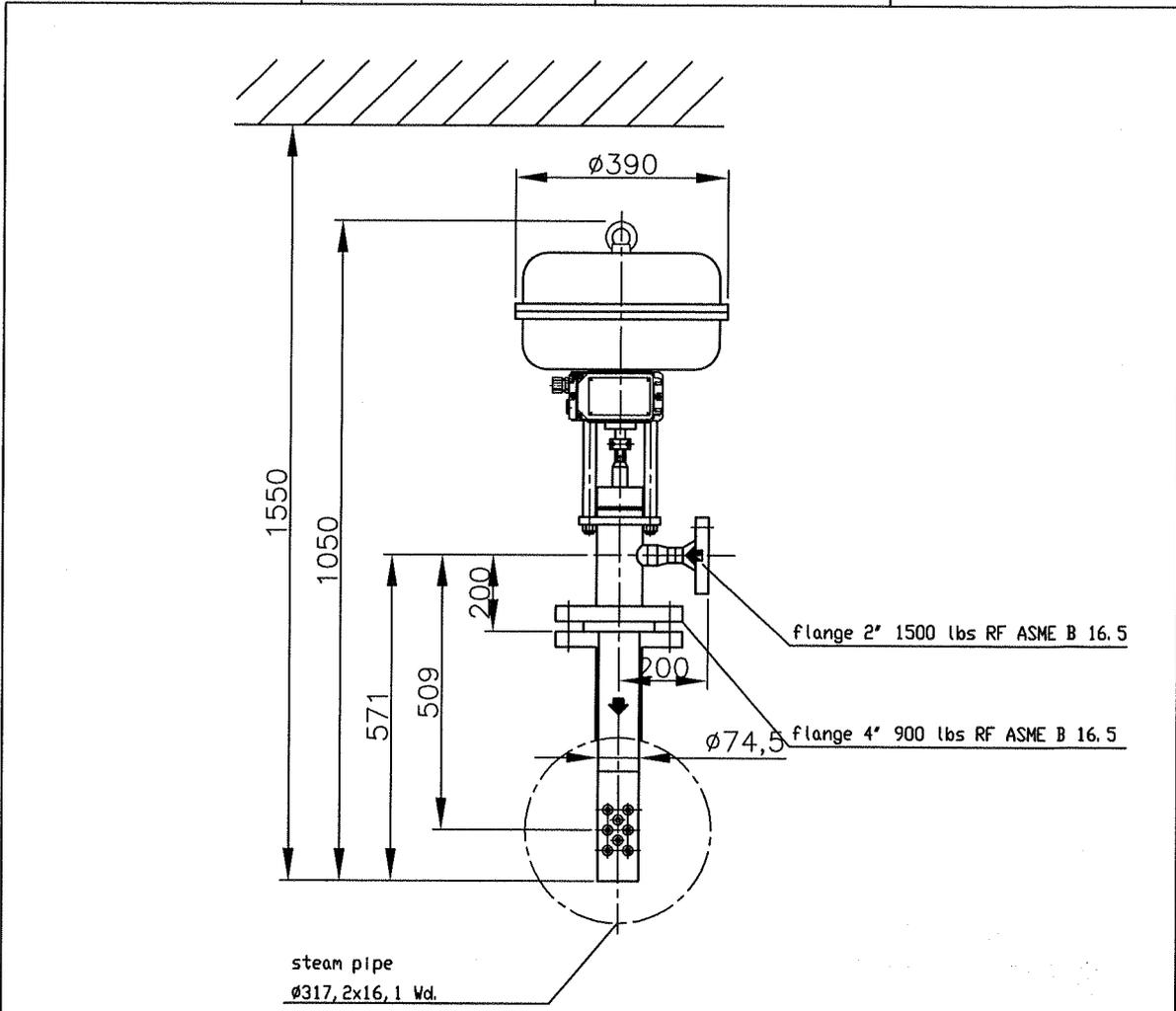
engineering
Lurgi

SAMSON AG
 Mess- und Regeltechnik
 Wörmuldenstrasse 3
 D-40314 Frankfurt am Main
 Phone: +49 69 40 09-0
 Fax: +49 69 40 09-131
 Internet: http://www.samson.de

TITLE : Pneumatic control valve

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

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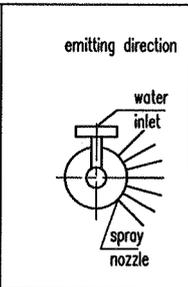
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REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
3					
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0	2004-08-25	issued for review	V12/mst	V12/lf	V12/di

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

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

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 Vendor Order Reference
 Tag No.: FV-101433

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

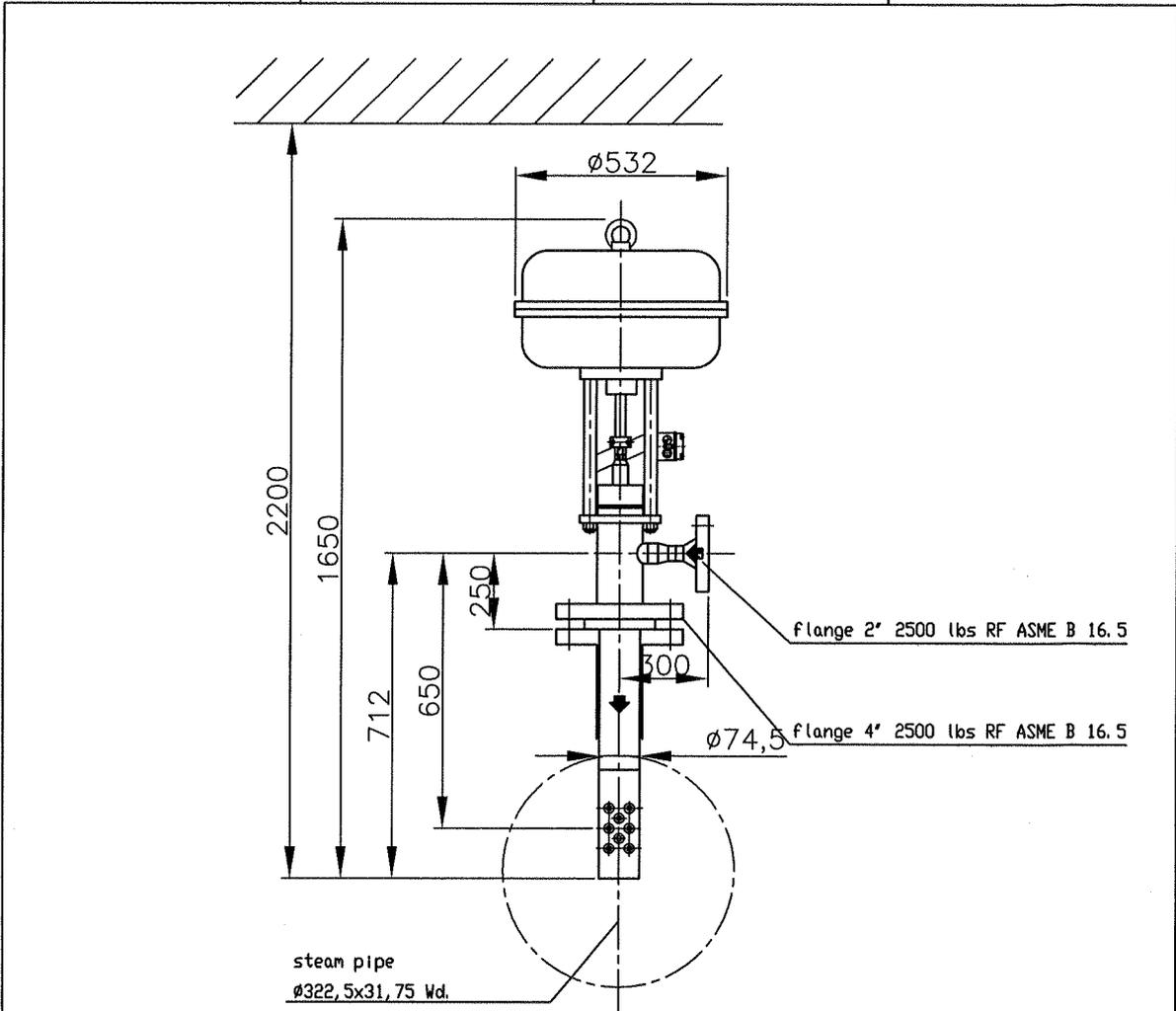
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 Mess- und Regeltechnik
 Willy-Messerschmitt-Str. 3
 D-40314 Frankfurt am Main
 Phone: +49 69 40 09-0
 Fax: +49 69 40 09-1791
 Internet: http://www.samson.de

TITLE : Pneumatic control valve

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

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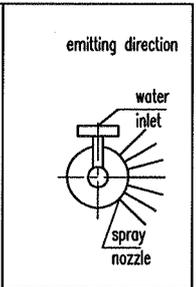
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REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
3					
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0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di

Valve Type: DKVP 80 / 110U
 Valve Style: Desuperheater
 Valve Size: 2 inch / 4 inch
 Pressure Rating: Class 2500
 Flange Form: RF-SF
 Actuator Type: 3271
 Actuator Size: 1400
 Weight (kg): 180

OWNER : NATIONAL PETROCHEMICAL COMPANY
 ZAGROS PETROCHEMICAL COMPLEX
 شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

616 100
 Vendor Order Reference
 Tag No.: FV-101435

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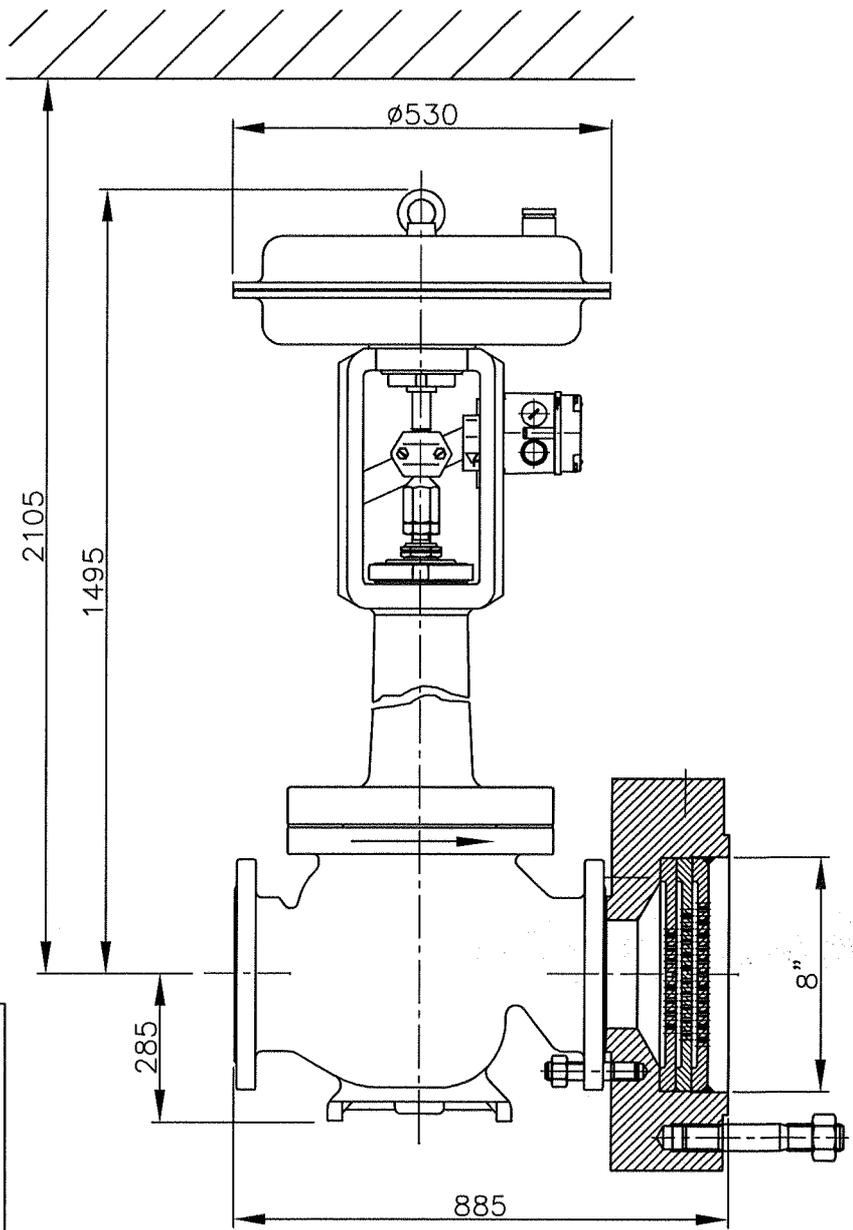
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SAMSON AG
 Mess- und Regeltechnik
 Wöhrmühlendamm 3
 D-40314 Frankfurt am Main
 Phone: +49 69 40 09 0
 Fax: +49 69 40 09 1211
 Internet: http://www.samson.de

TITLE : Pneumatic control valve

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

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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

 **SAMSON AG**
 Mess- und Regeltechnik
 Walzenauerstrasse 3
 D-40314 Frankfurt am Main
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 Fax: +49 69 40 08-1281
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3					
2					
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0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di
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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

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TITLE : Pneumatic control valve

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

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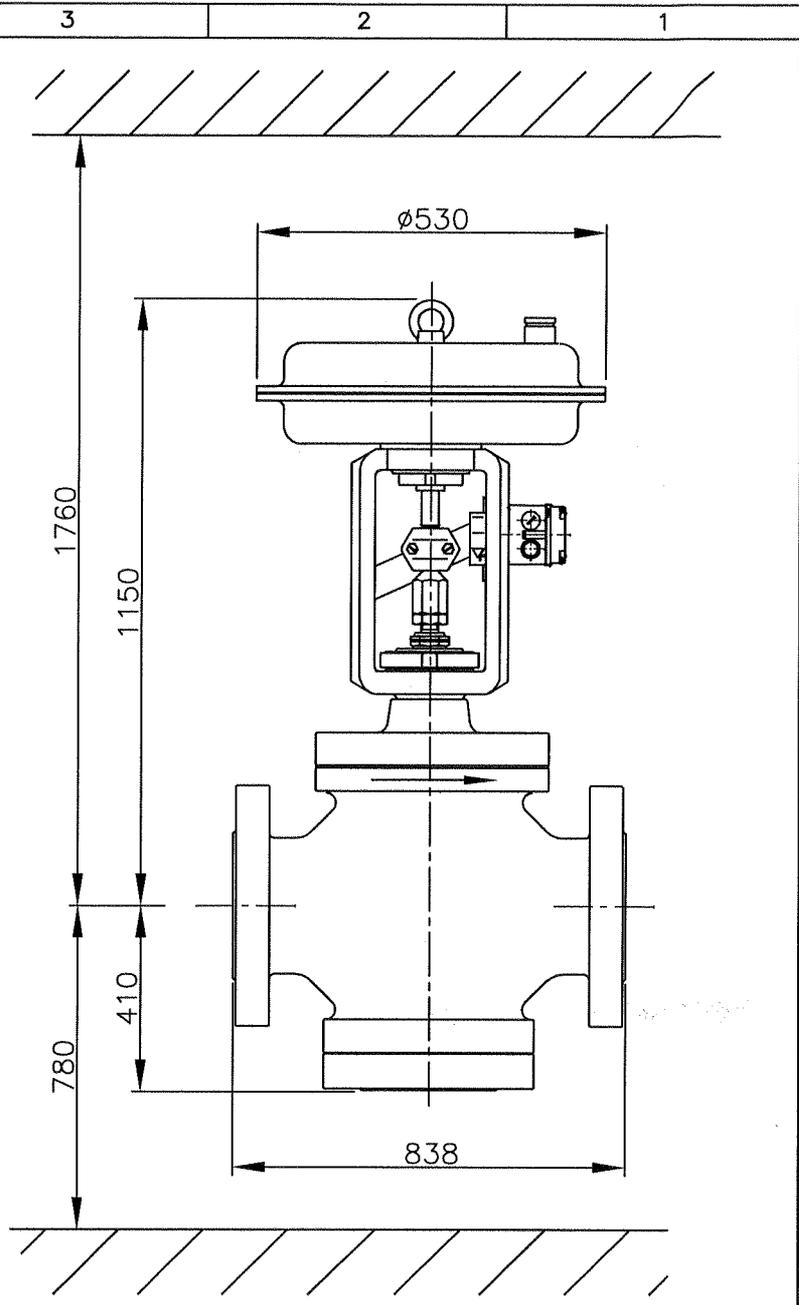
Valve Type:	3254
Valve Style:	Globe
Valve Size:	10 inch
Pressure Rating:	Class 900
Flange Form:	RF-SF
Actuator Type:	3271
Actuator Size:	1400
Weight (kg):	1492

616 100
Vendor Order Reference

Tag No.: FV-101441



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Internet: http://www.samson.de



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1					
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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



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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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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**
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Welschenferstrasse 3
D-60314 Frankfurt am Main
Phone: +49 69 40 00-0
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Internet: http://www.samson.de

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1					
0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di

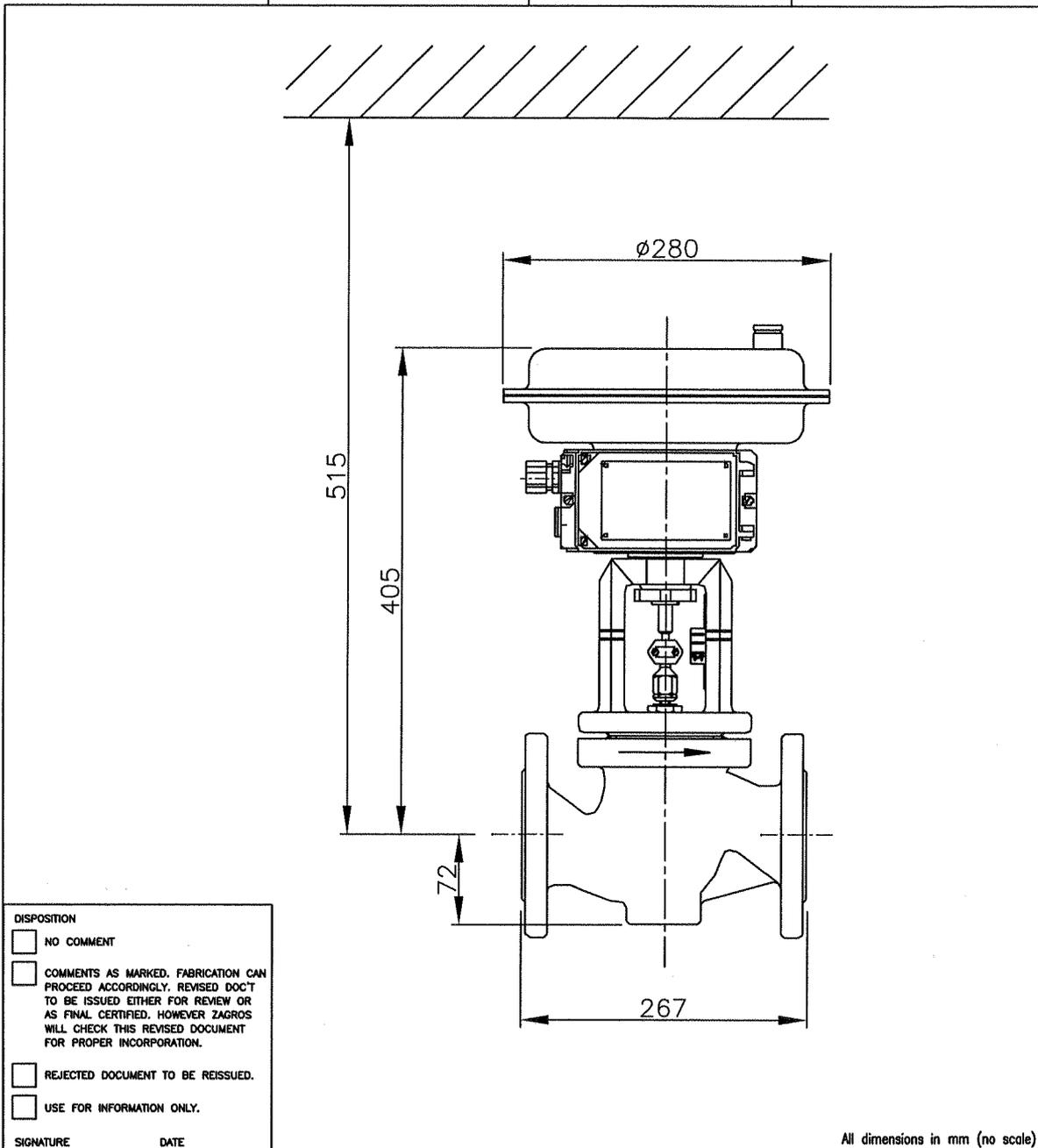
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ZAGROS PETROCHEMICAL COMPLEX
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PROJECT: 2nd ZAGROS MEGAMETHANOL PROJECT

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DESIGN & ENGINEERING COMPANY
شرکت طراحی و مهندسی صنایع پتروشیمی

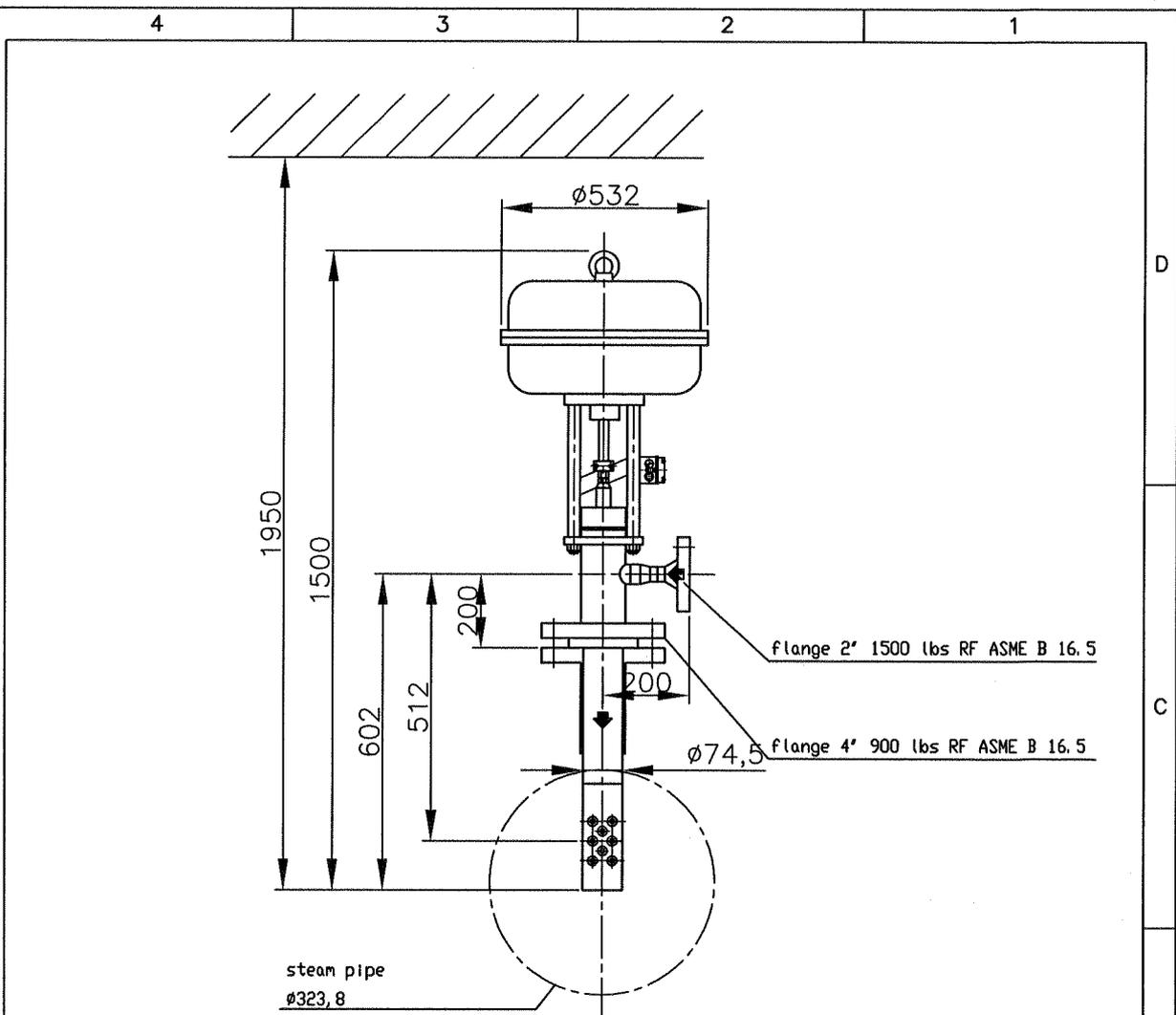
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TITLE: Pneumatic control valve	SCALE: NO	ZPC PROJ. NO. 232000	DWG. NO.	REV 0
SHT: _____		PIDE PROJ. NO. 1182		



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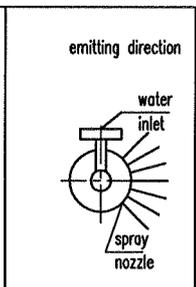
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REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

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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

OWNER :

 NATIONAL PETROCHEMICAL COMPANY
ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

616 100
Vendor Order Reference

Tag No.: FV-150610

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 **SAMSON AG**
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Welterweiterungstrasse 2
D-41034 Frohnhausen, Mehr
Phone: +49 89 40 05-0
Fax: +49 89 40 08-1781
Internet: http://www.samson.de

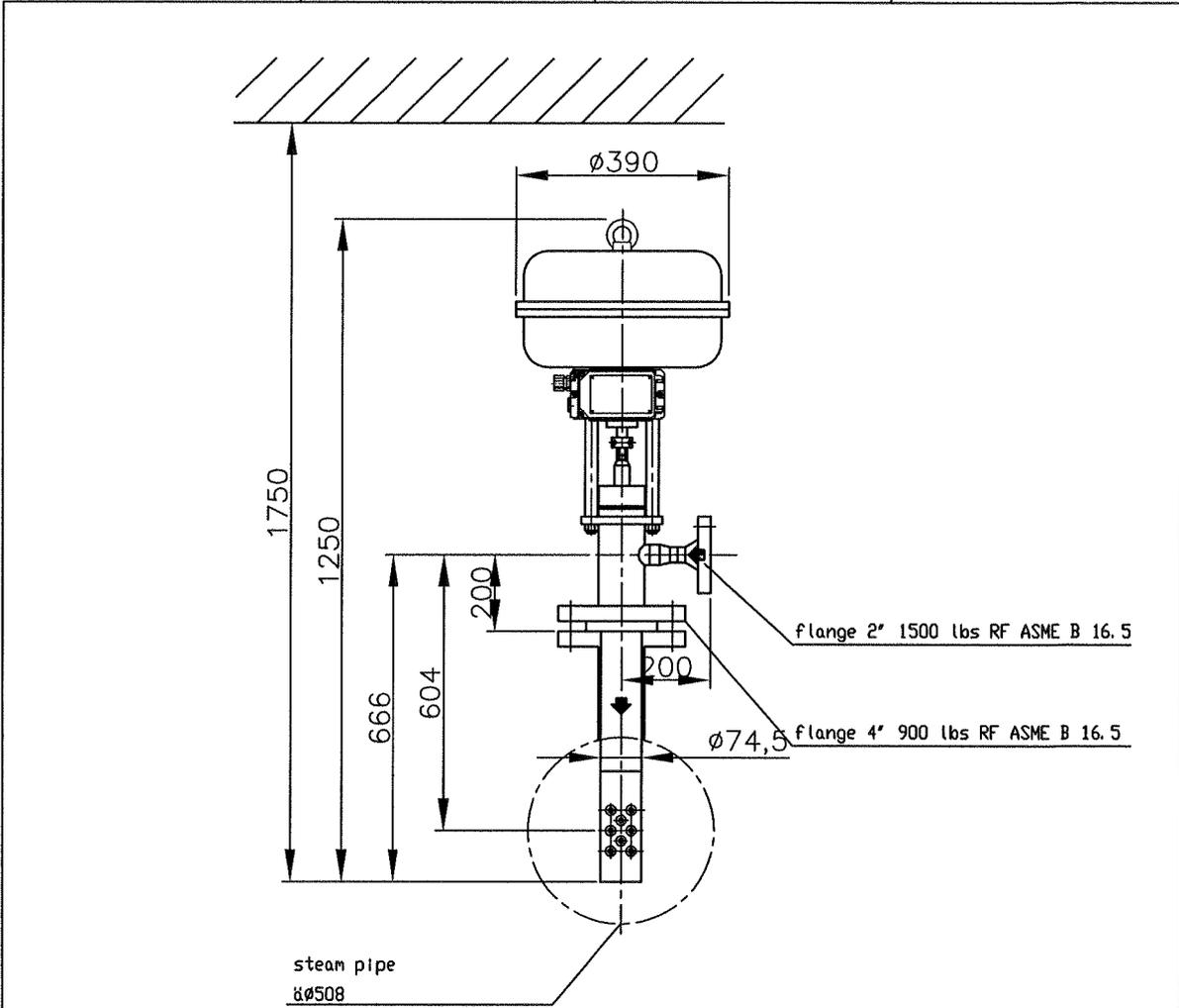
VENDOR DOC. NO. _____

TITLE : Pneumatic control valve

SCALE : NO _____ ZPC PROJ. NO. 232000 DWG. NO. _____ REV 0

SHT : _____ PIDE PROJ. NO. 1182

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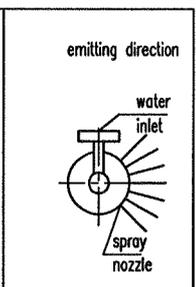
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3					
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0	2004-08-25	Issued for review	V12/mst	V12/ff	V12/di

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

OWNER : NATIONAL PETROCHEMICAL COMPANY
 ZAGROS PETROCHEMICAL COMPLEX
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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

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

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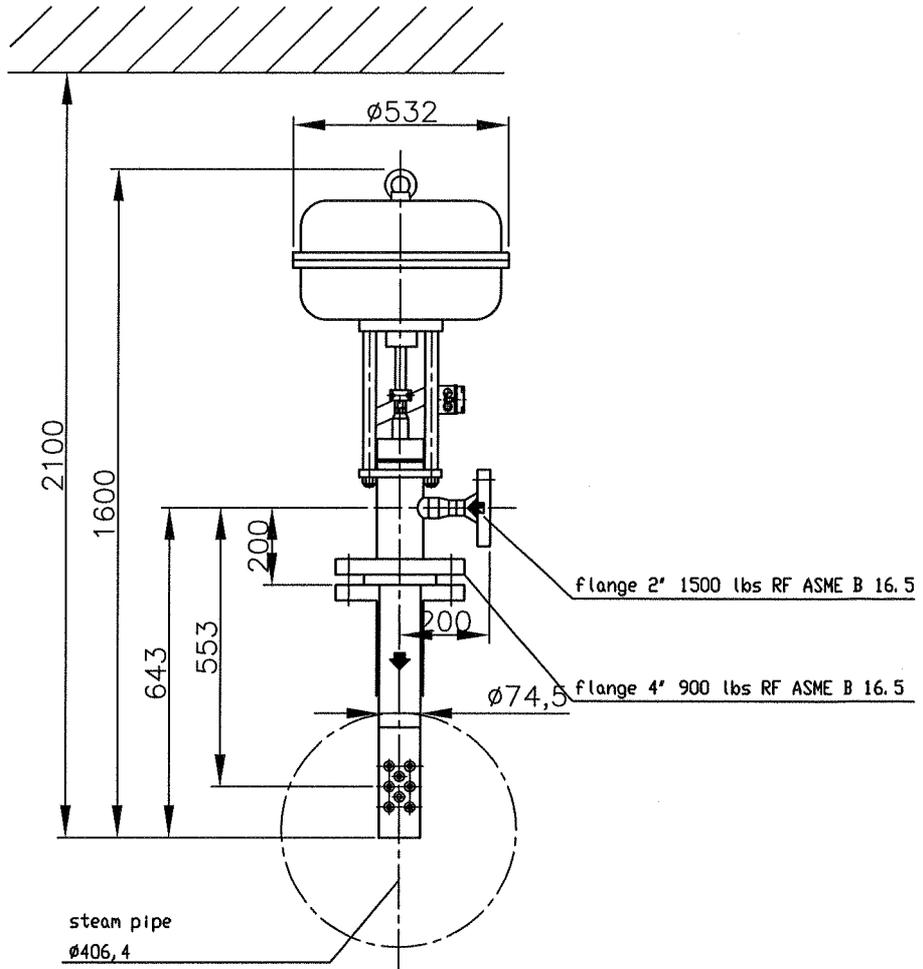
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 Wiesenmattstrasse 3
 D-65034 Frankfurt am Main
 Phone: +49 69 40 06-0
 Fax: +49 69 40 00-1701
 Internet: http://www.samson.de

TITLE : Pneumatic control valve

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

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DISPOSITION

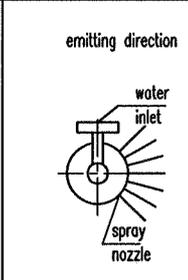
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REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
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0	2004-08-25	issued for review	V12/mst	V12/ff	V12/di

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

OWNER : NATIONAL PETROCHEMICAL COMPANY
 ZAGROS PETROCHEMICAL COMPLEX
 شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

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

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engineering Lurgi

SAMSON AG
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 Wörmannstrasse 3
 D-40514 Fraßkirk am Mah
 Phone: +49 69 40 09-0
 Fax: +49 69 40 09-1781
 Internet: http://www.samson.de

TITLE : Pneumatic control valve

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

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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

 **SAMSON AG**
Mess- und Regeltechnik
Waldmühlentrasse 2
D-50314 Freixdorf am Main
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Fax: +49 69 40 06-1791
Internet: http://www.samson.de

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

OWNER: NATIONAL PETROCHEMICAL COMPANY
ZAGROS PETROCHEMICAL COMPLEX
شرکت پتروشیمی زاگرس

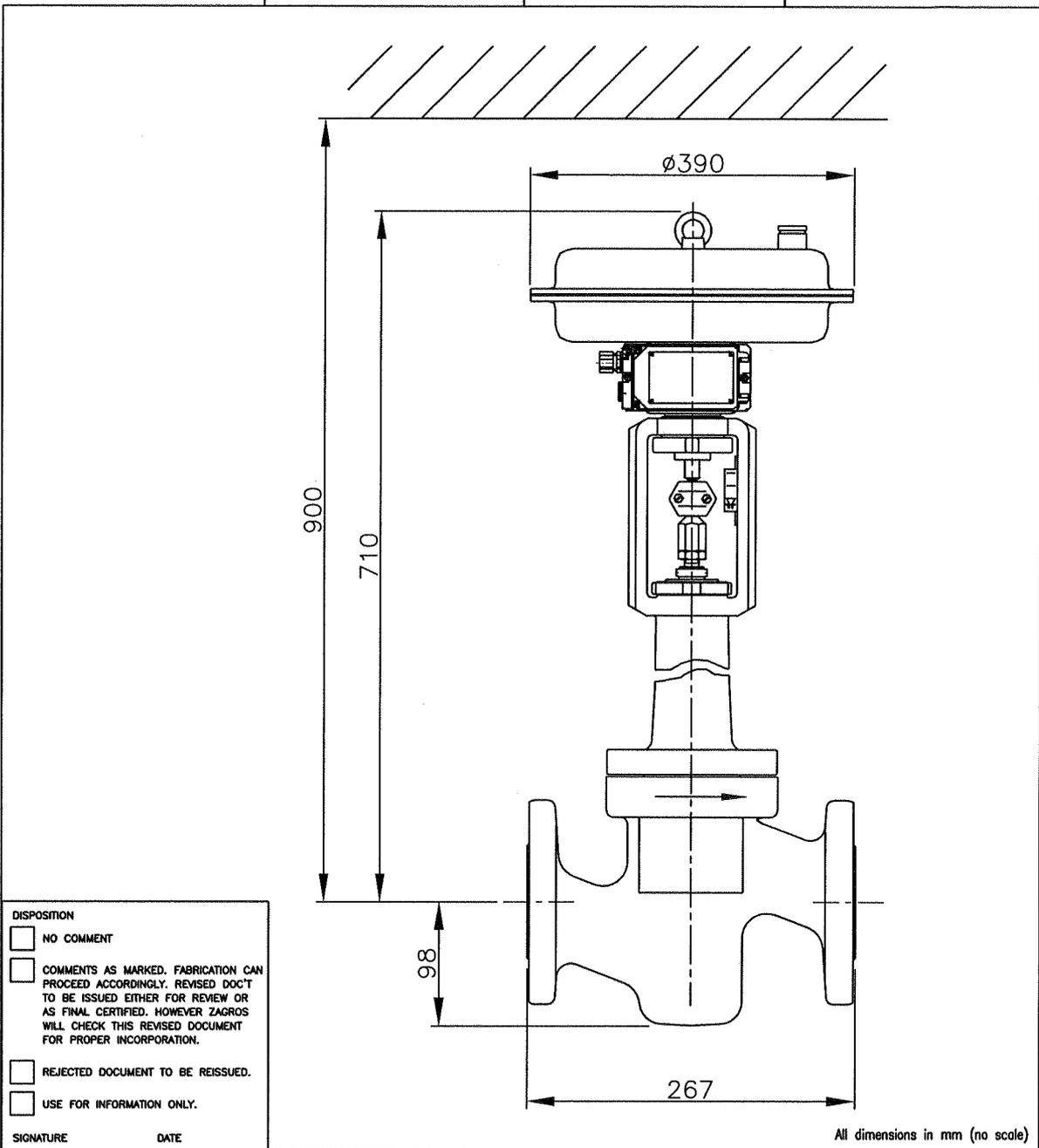
PROJECT: 2nd ZAGROS MEGAMETHANOL PROJECT

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



TITLE: Pneumatic control valve

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



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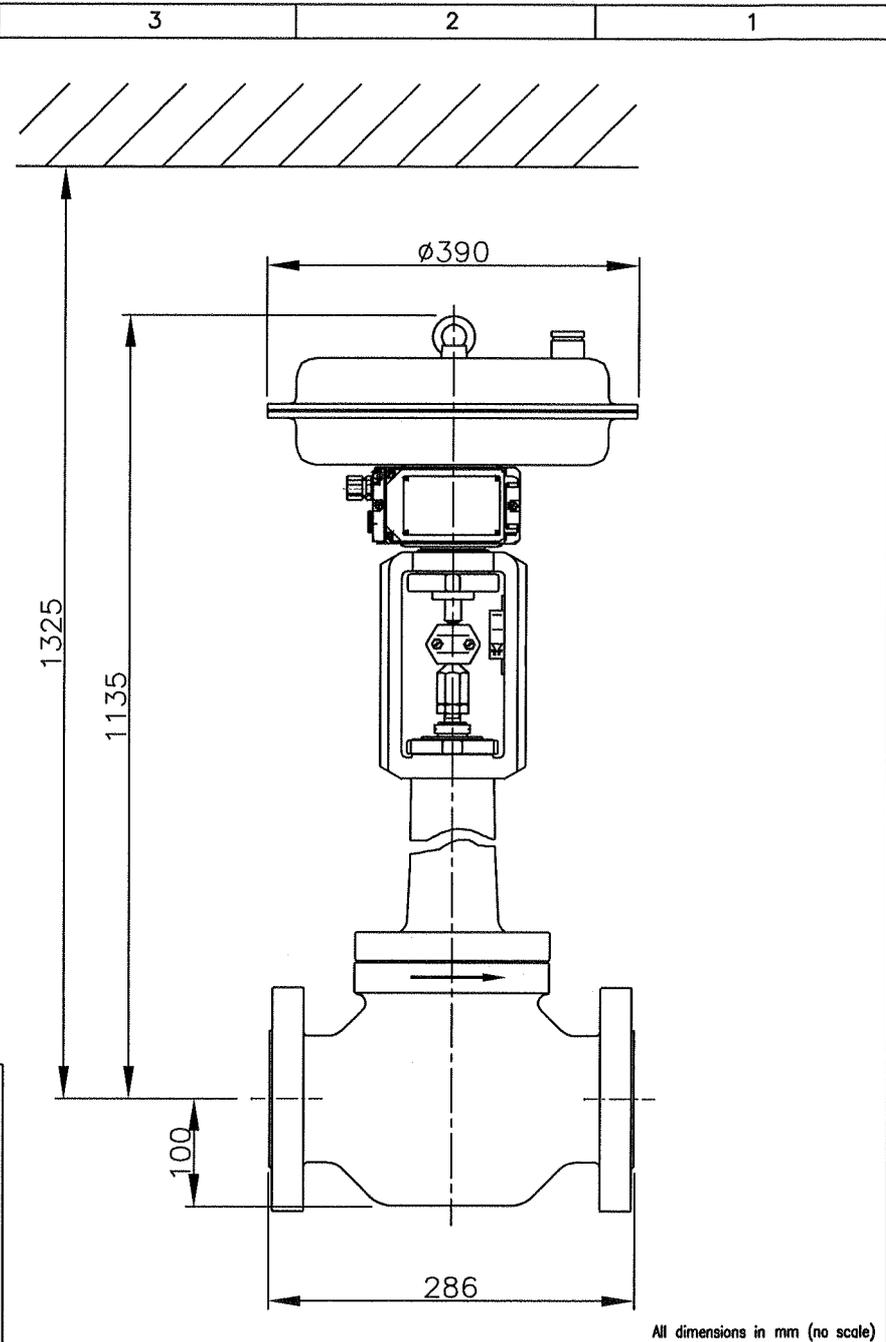
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Valve Type:	3251 bellows section
Valve Style:	Globe
Valve Size:	2 inch
Pressure Rating:	Class 600
Flange Form:	RF-SF
Actuator Type:	3277
Actuator Size:	700
Weight (kg):	100

616 100
Vendor Order Reference
Tag No.: FV-250105



VENDOR DEC. NO. _____



All dimensions in mm (no scale)

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

OWNER : NATIONAL PETROCHEMICAL COMPANY
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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

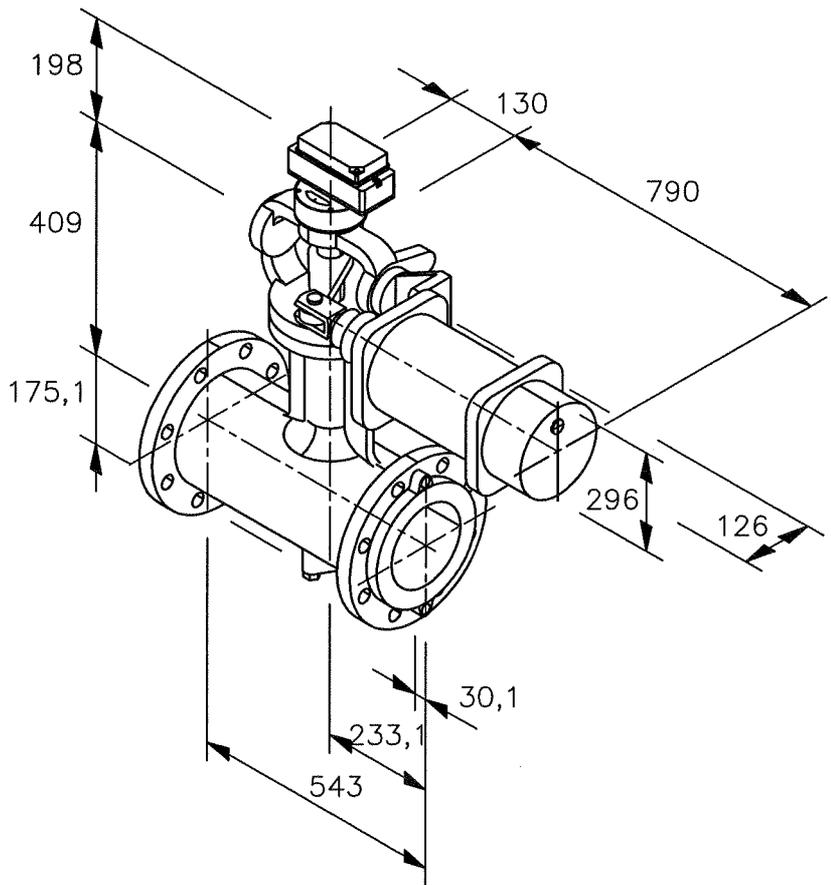
PIDEC PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY
شرکت طراحی و مهندسی صنایع پتروشیمی

engineering Lurgi

TITLE : Pneumatic control valve

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

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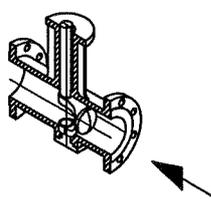
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All dimensions in mm (no scale)

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Valve Type: 72.1R
 Valve Style: Rotary plug
 Valve Size: 8 inch
 Pressure Rating: Class 150
 Flange Form: RF-SF
 Actuator Type: R250v
 Actuator Size: -
 Weight (kg): 260

616 100
 Vendor Order Reference

Tag No.: FV-300101

SAMSON AG
 Mess- und Regletechnik
 Wiesenstrasse 3
 D-40314 Frankfurt am Main
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 Fax: +49 69 40 09-1791
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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 :	PIDEC PROJ. NO. 1182		

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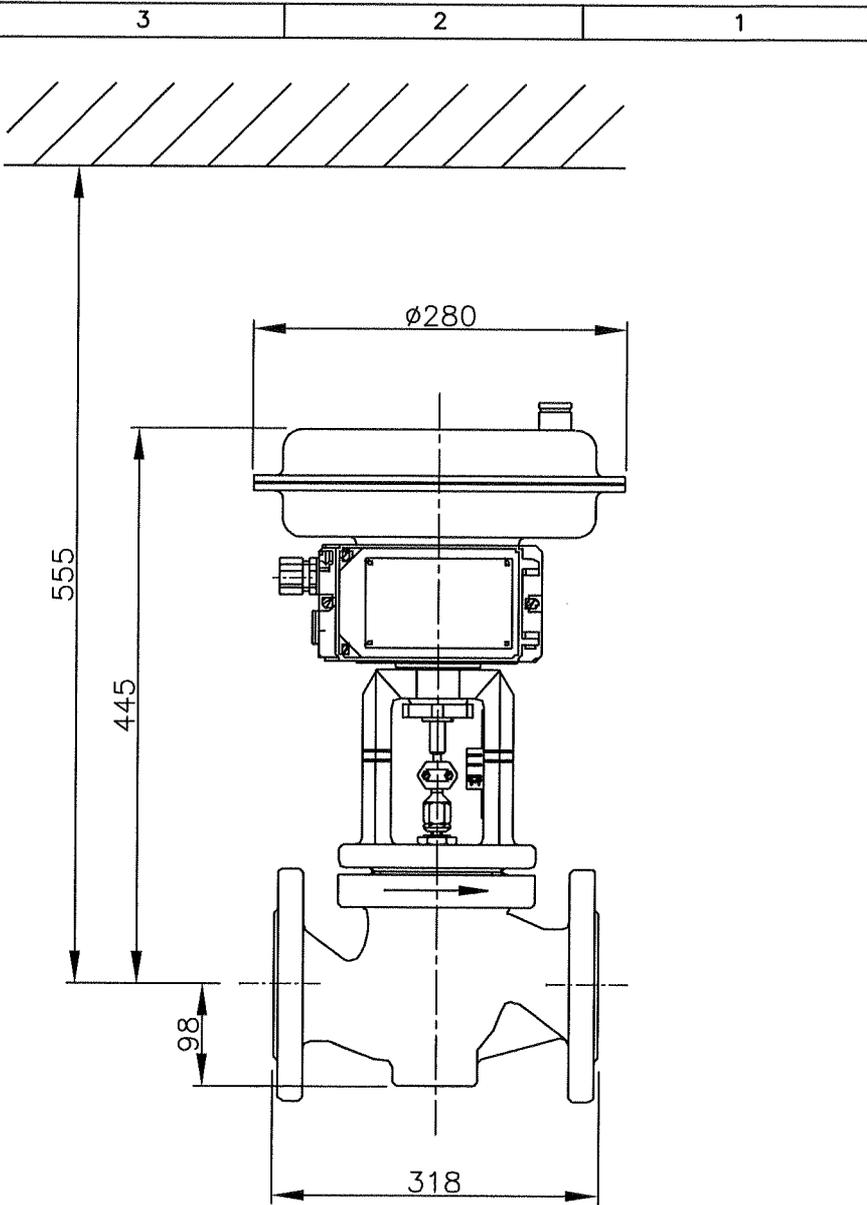
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type:	3241
Valve Style:	Globe
Valve Size:	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



VENDOR DOC. NO. _____



All dimensions in mm (no scale)

REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

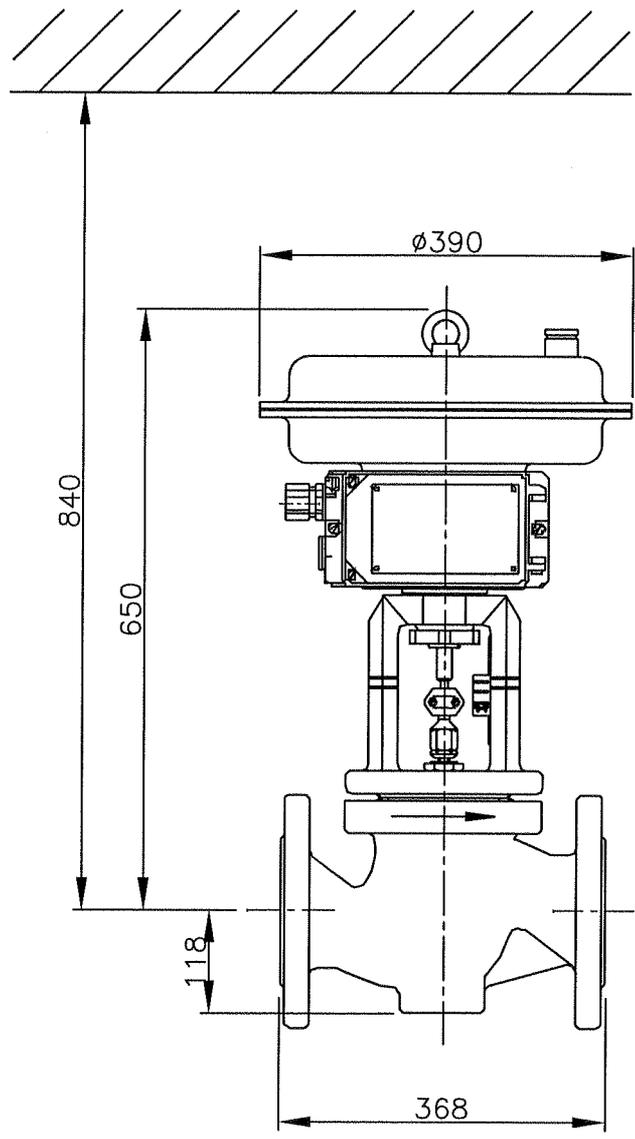
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TITLE : Pneumatic control valve

SCALE : 1/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-300305

 **SAMSON AG**
 Mess- und Regeltechnik
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 D-80314 Frankfurt am Main
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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:	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

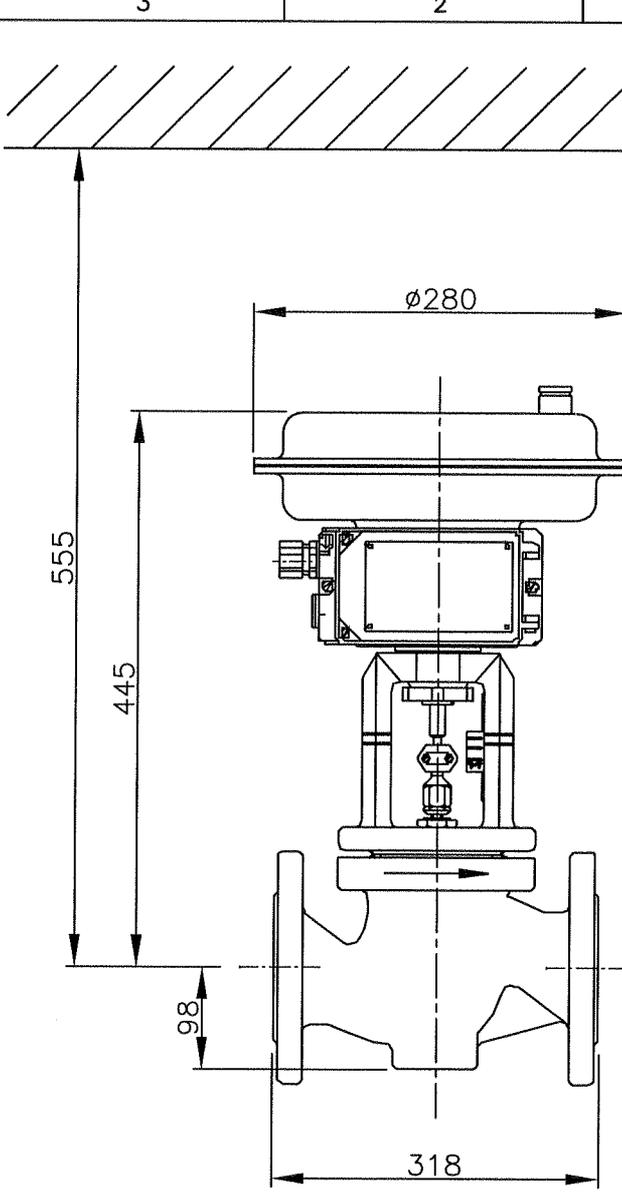
616 100
Vendor Order Reference

Tag No.: **FV-300306**



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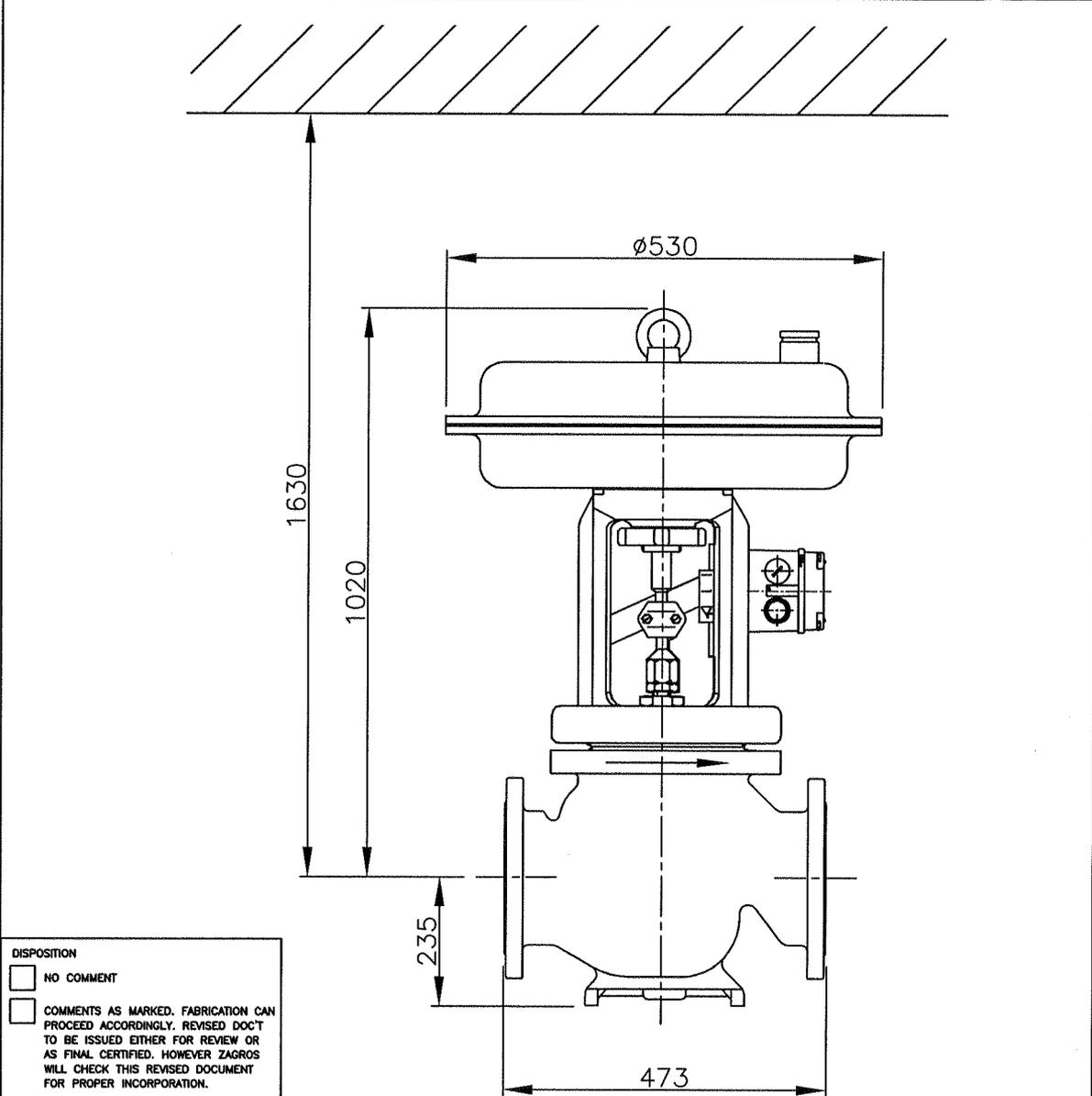


TITLE :

Pneumatic control valve

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

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Valve Type: 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
 Wölbenerstrasse 3
 D-60314 Frankfurt am Main
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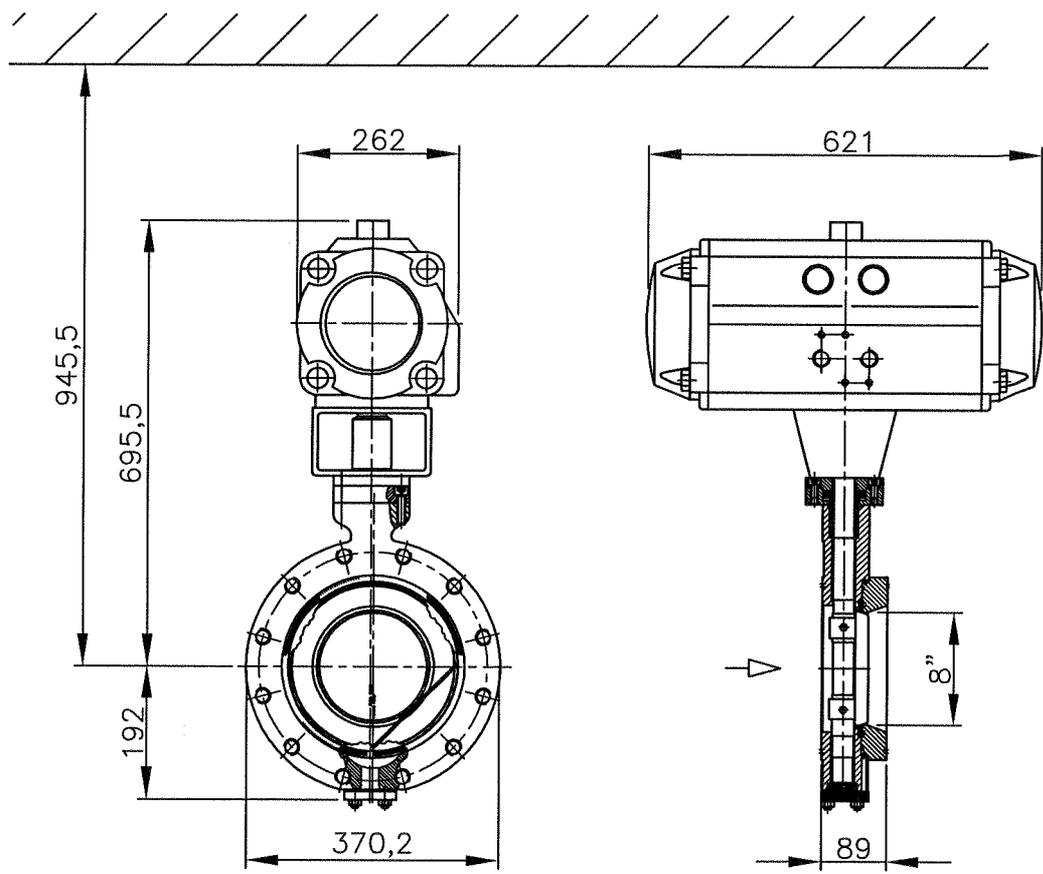
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Lurgi

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: 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

SAMSON AG
 Mess- und Regeltechnik
 Weismuhlenstrasse 3
 D-60314 Frankfurt am Main
 Phone: +49 69 40 09-0
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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

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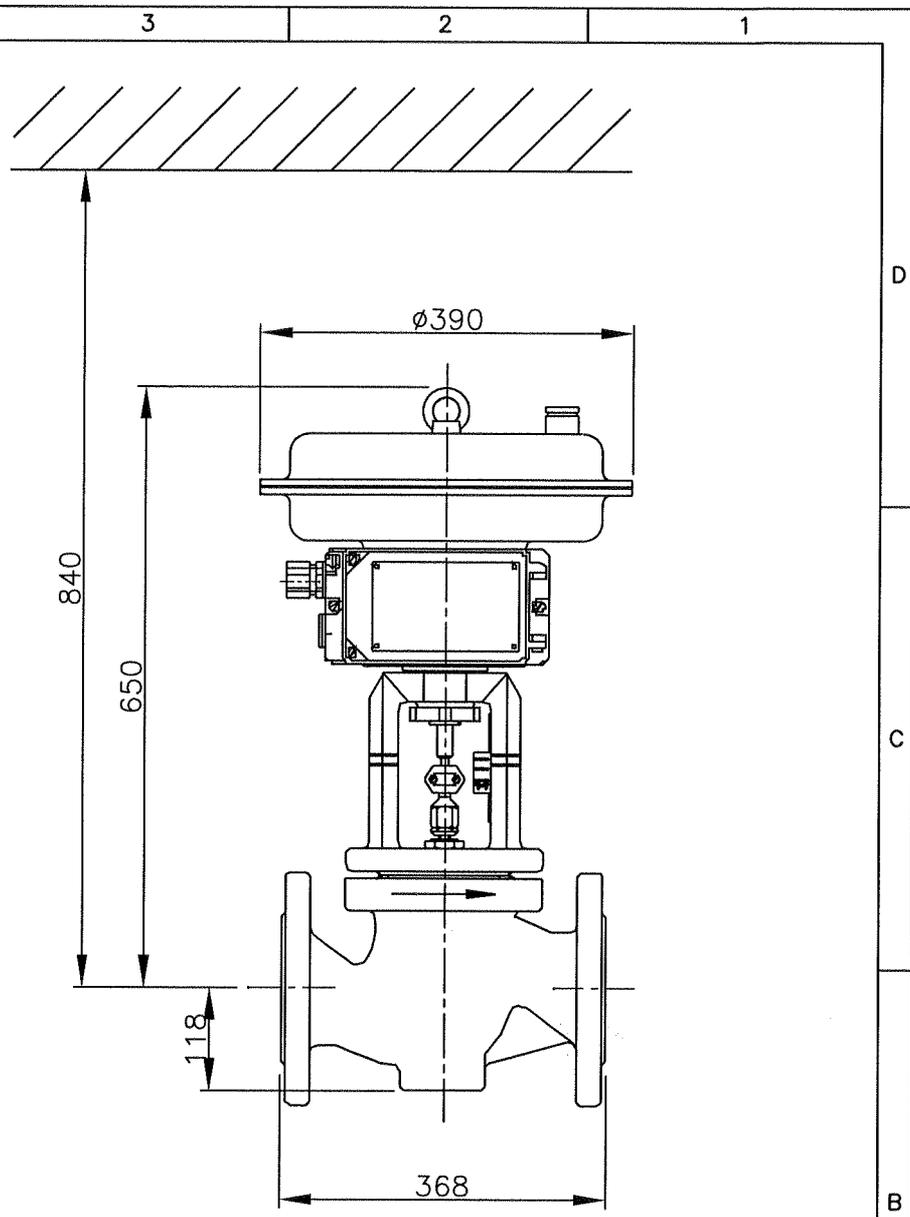
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Valve Type:	3241
Valve Style:	Globe
Valve Size:	4 inch
Pressure Rating:	Class 300
Flange Form:	RF-SF
Actuator Type:	3277
Actuator Size:	700
Weight (kg):	70

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

 **SAMSON AG**
Mess- und Regeltechnik
Woburnerstrasse 3
D-40514 Fraunkfurt am Main
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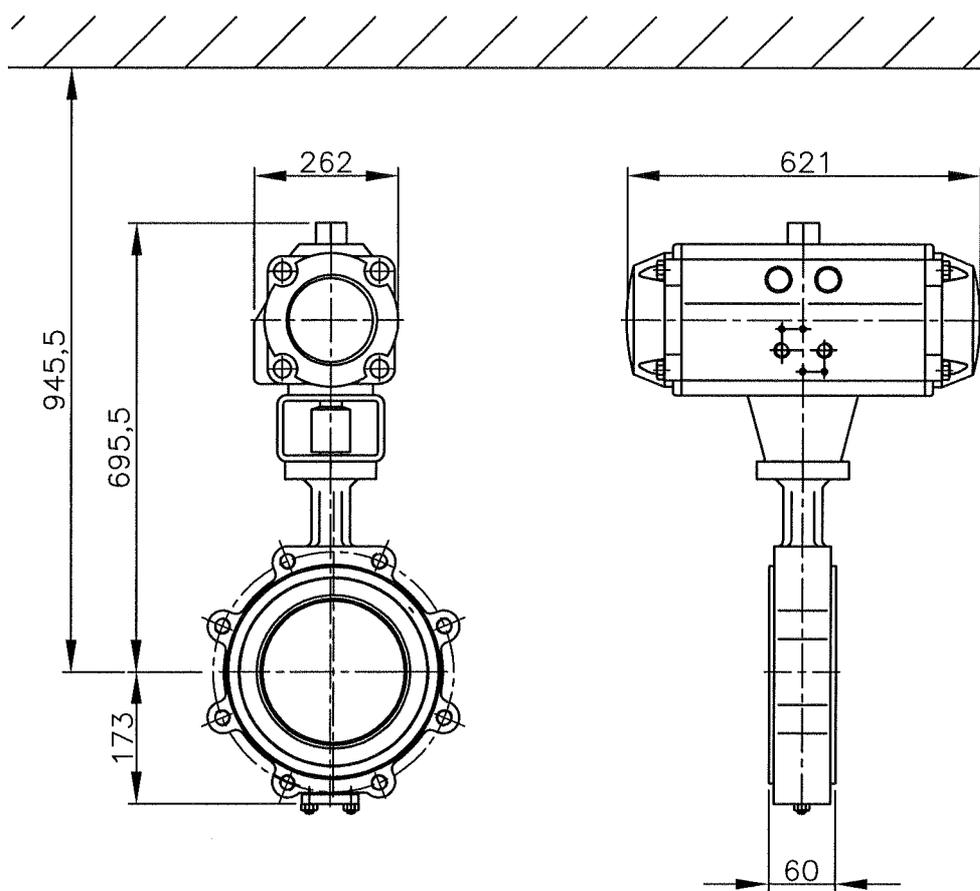
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TITLE : Pneumatic control valve

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

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Valve Type: 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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 Mess- und Regeltechnik
 Weberhafenstrasse 3
 D-40524 Frankfurt am Main
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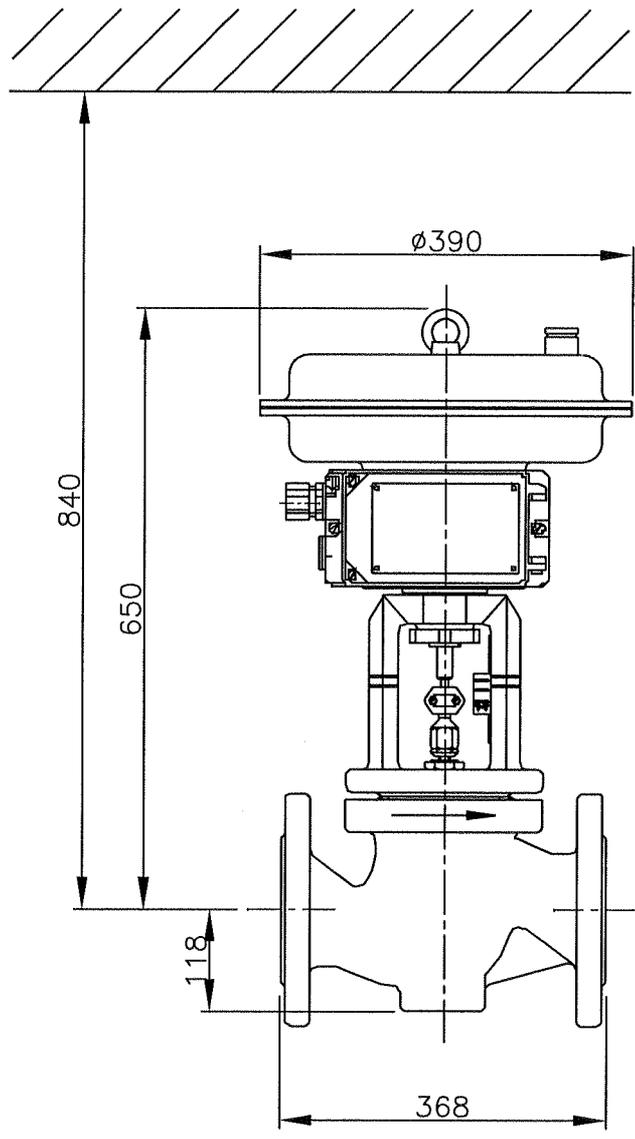
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TITLE : Pneumatic control valve

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

SAMSON AG
 Mess- und Regeltechnik
 Welmuehlenstrasse 3
 D-42514 Frazerfurt am Main
 Phone: +49 69 40 09-0
 Fax: +49 69 40 09-1793
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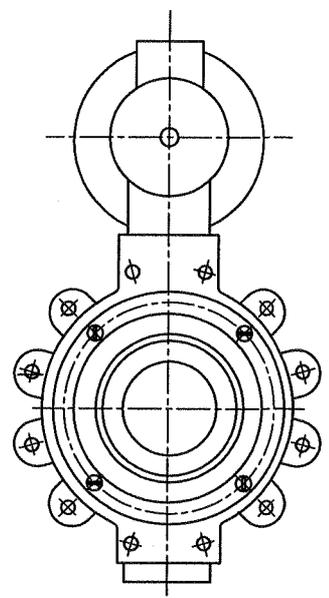
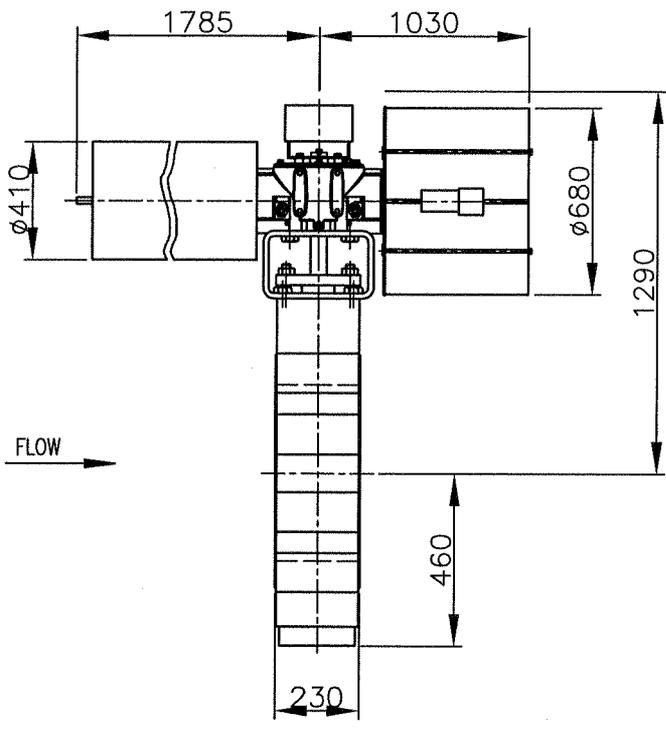
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TITLE : Pneumatic control valve

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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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

OWNER : NATIONAL PETROCHEMICAL COMPANY
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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

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Vendor Order Reference

Tag No.: HV-200204

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 Welschmühlstrasse 3
 D-40314 Frankfurt am Main
 Phone: +49 69 40 00-0
 Fax: +49 69 40 00-1791
 Internet: http://www.samson.de

TITLE : Pneumatic control valve

SCALE : 1/10

SHT : 1

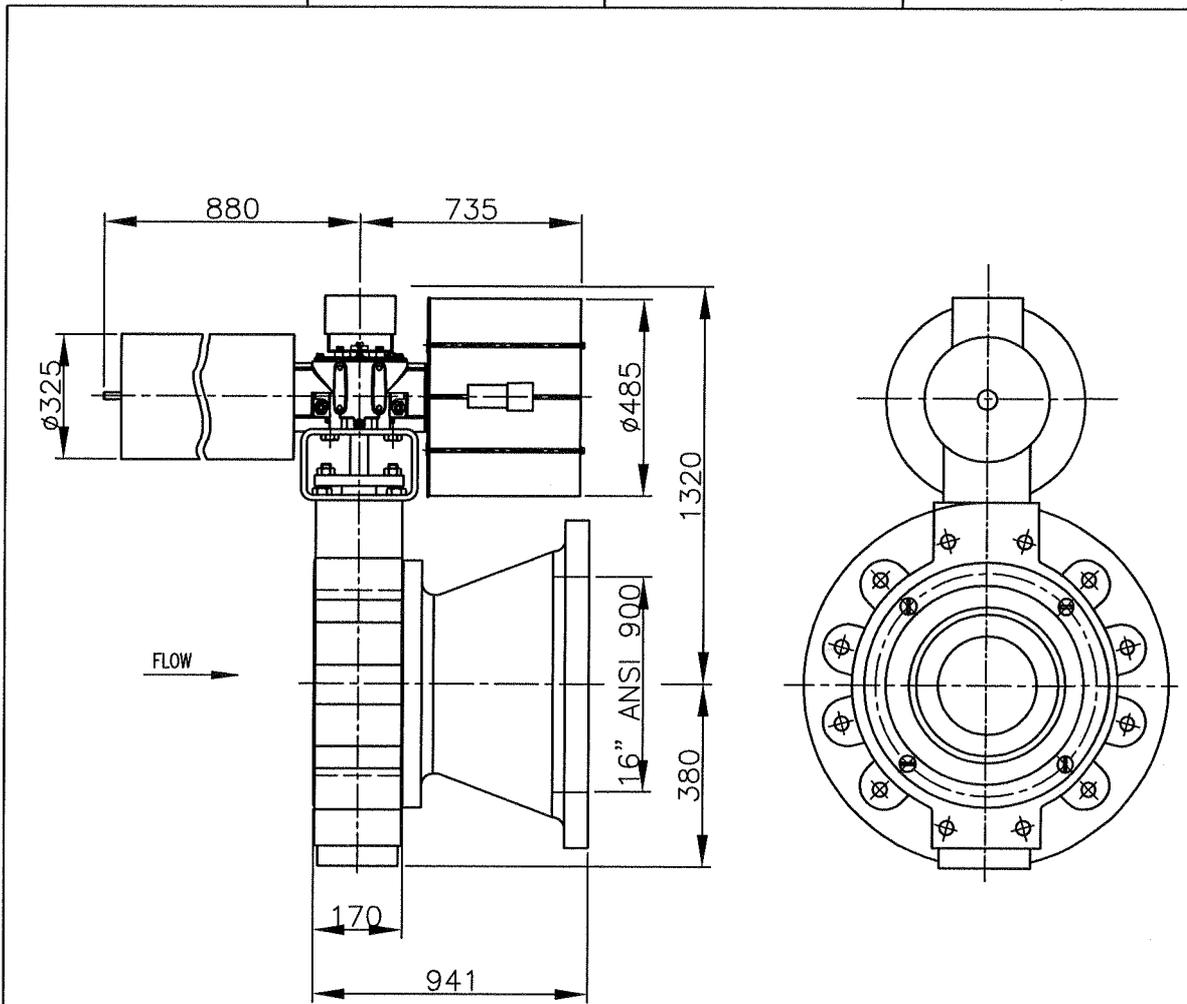
ZPC PROJ. NO. 232000
 PIDEC PROJ. NO. 1182

DWG NO. _____

REV 0

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Valve Type:	LDE
Valve Style:	Butterfly Valve
Valve Size:	12 inch
Pressure Rating:	Class 900
Flange Form:	Lug-Type RF-SF
Actuator Type:	GP-085S-385/C3
Actuator Size:	.
Weight (kg):	1200

616 100
Vendor Order Reference
Tag No.: HV-200214



SAMSON AG
Mess- und Regeltechnik
Welsenerstrasse 3
D-60314 Frankfurt am Main
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All dimensions in mm (no scale)

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



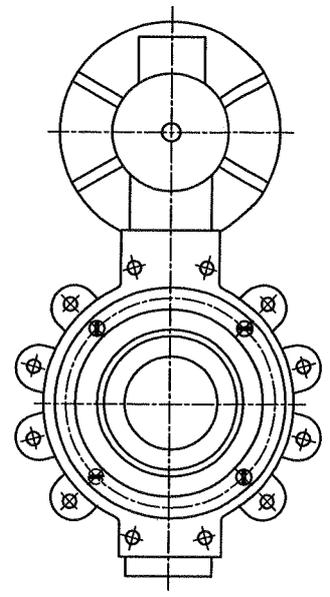
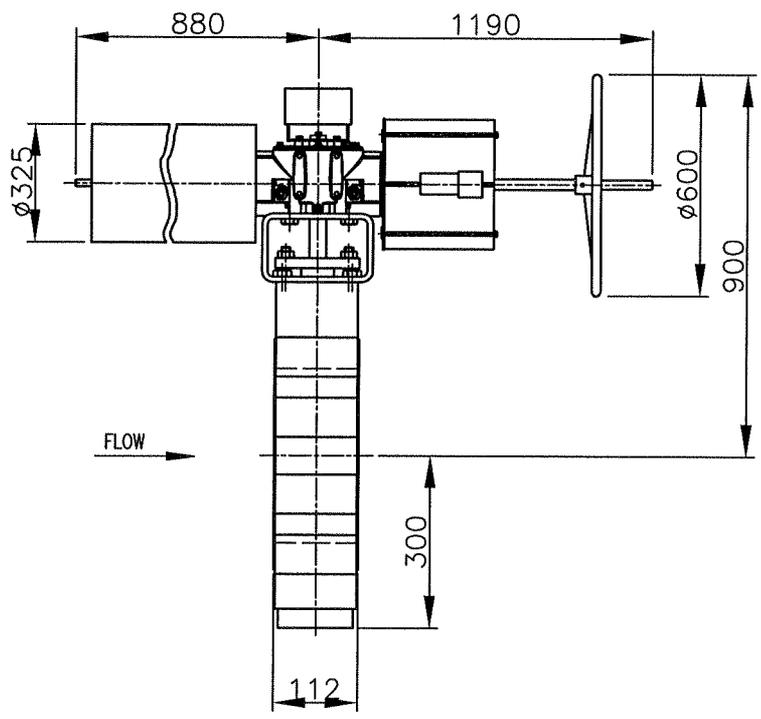
PETROCHEMICAL INDUSTRIES
DESIGN & ENGINEERING COMPANY
شرکت طراحی و مهندسی صنایع پتروشیمی



TITLE : Pneumatic control valve

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

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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
 Welschuhstrasse 3
 D-40314 Frauentropfen am Mah
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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

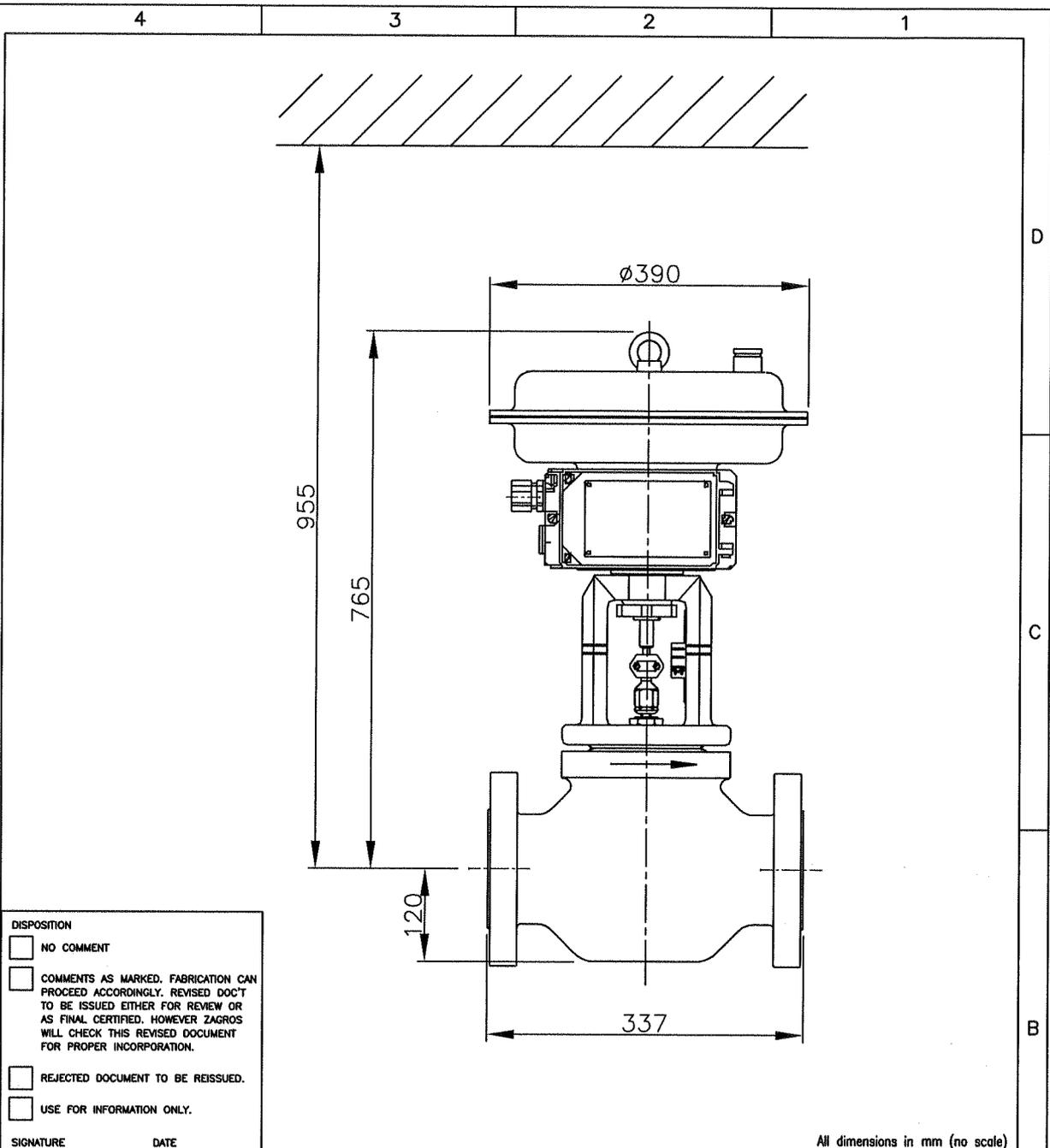
PIDEC PETROCHEMICAL INDUSTRIES
 DESIGN & ENGINEERING COMPANY
 شرکت طراحی و مهندسی صنایع پتروشیمی

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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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	
Vendor Order Reference	
Tag No.: LV-100411	
 SAMSON AG Moos- und Regeltechnik Wolfsuldenstrasse 3 D-40314 Frankfurt am Main Phone: +49 69 40 09-0 Fax: +49 69 40 09-1791 Internet: http://www.samson.de	
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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



TITLE : Pneumatic control valve			
SCALE : 1/NO	ZPC PROJ. NO. 232000	DWG. NO.	REV 0
SHT :	PIDE PROJ. NO. 1182		

All dimensions in mm (no scale)

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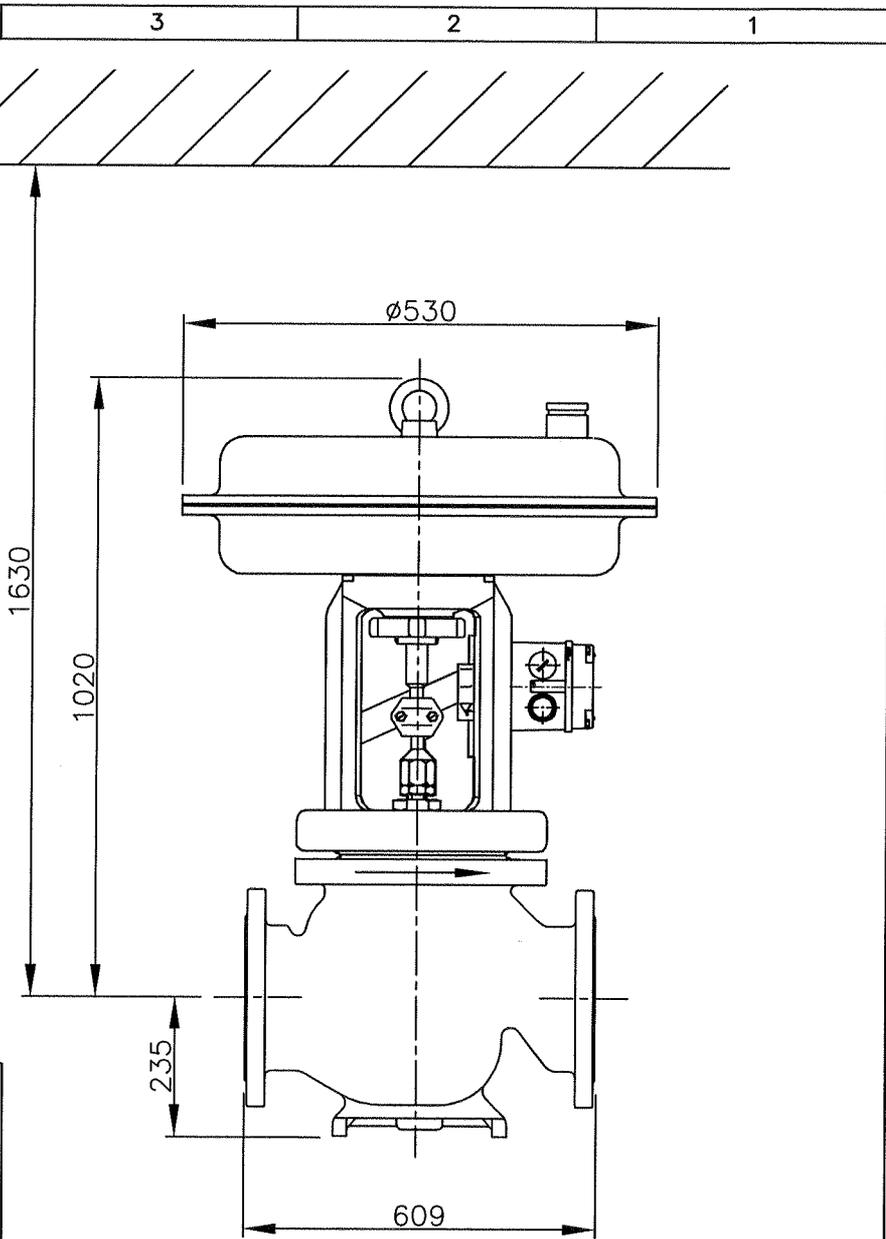
SIGNATURE _____ DATE _____

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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

 **SAMSON AG**
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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 : 1/NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDEC PROJ. NO. 1182		

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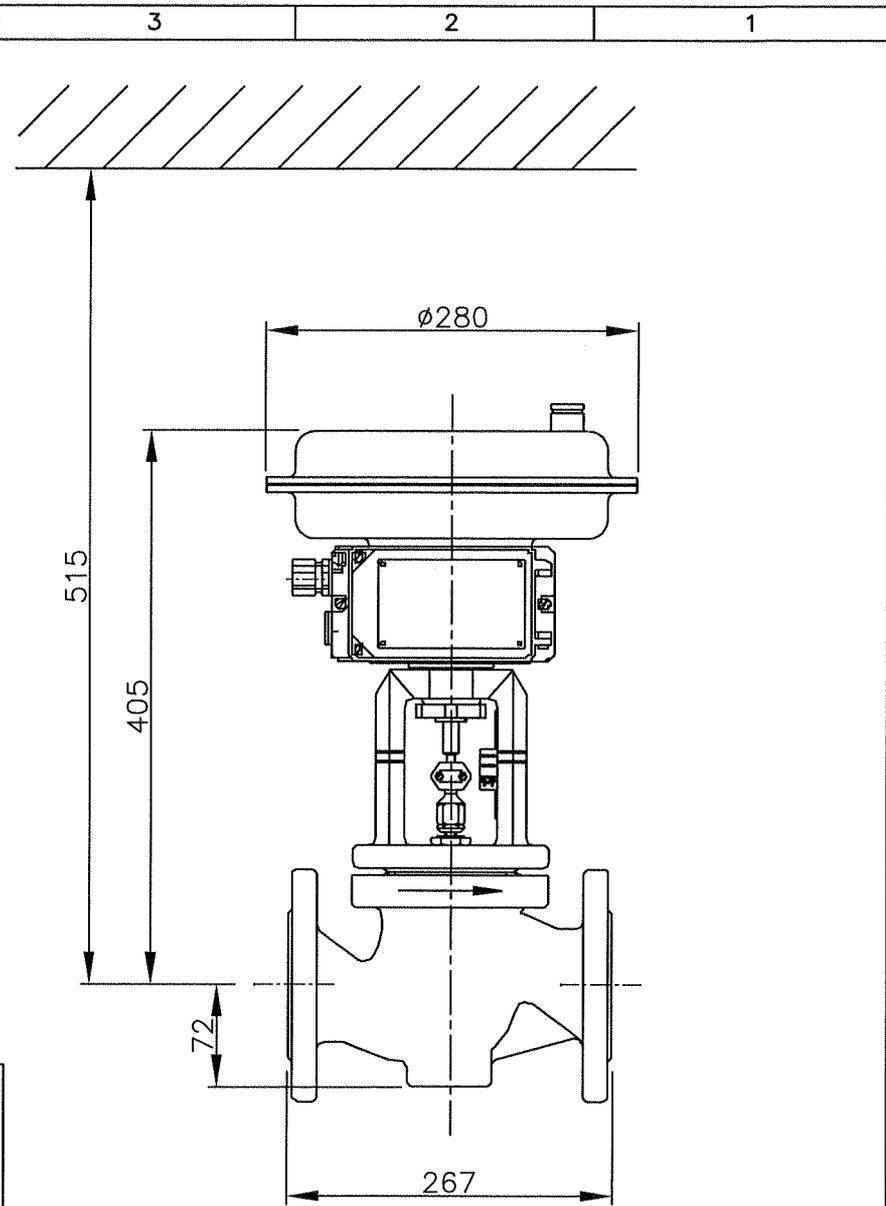
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Valve Type:	3241
Valve Style:	Globe
Valve Size:	2 inch
Pressure Rating:	Class 300
Flange Form:	RF-SF
Actuator Type:	3277
Actuator Size:	350
Weight (kg):	29

616 100
Vendor Order Reference
Tag No.: LV-101308

 **SAMSON AG**
Mess- und Regeltechnik
Völklingenstraße 2
D-40314 Frankfurt am Main
Phone: +49 69 40 09-0
Fax: +49 69 40 09-1701
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شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

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



TITLE : Pneumatic control valve

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

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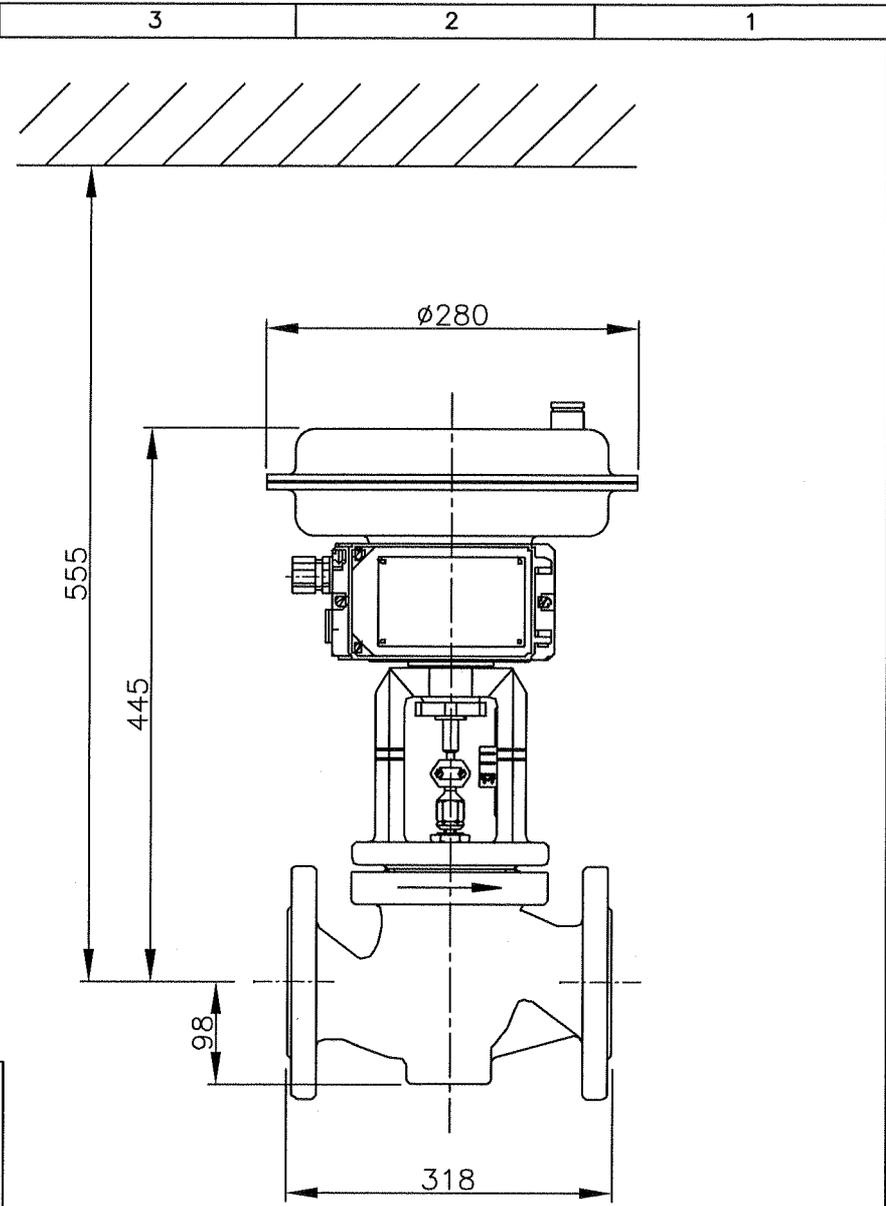
Valve Type:	3241
Valve Style:	Globe
Valve Size:	3 inch
Pressure Rating:	Class 300
Flange Form:	RF-SF
Actuator Type:	3277
Actuator Size:	350
Weight (kg):	44

616 100
Vendor Order Reference

Tag No.: LV-101309

 **SAMSON AG**
Mess- und Regeltechnik
Welschmiedestraße 3
D-40214 Frankfurt am Main
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PROJECT | 2nd ZAGROS MEGAMETHANOL PROJECT

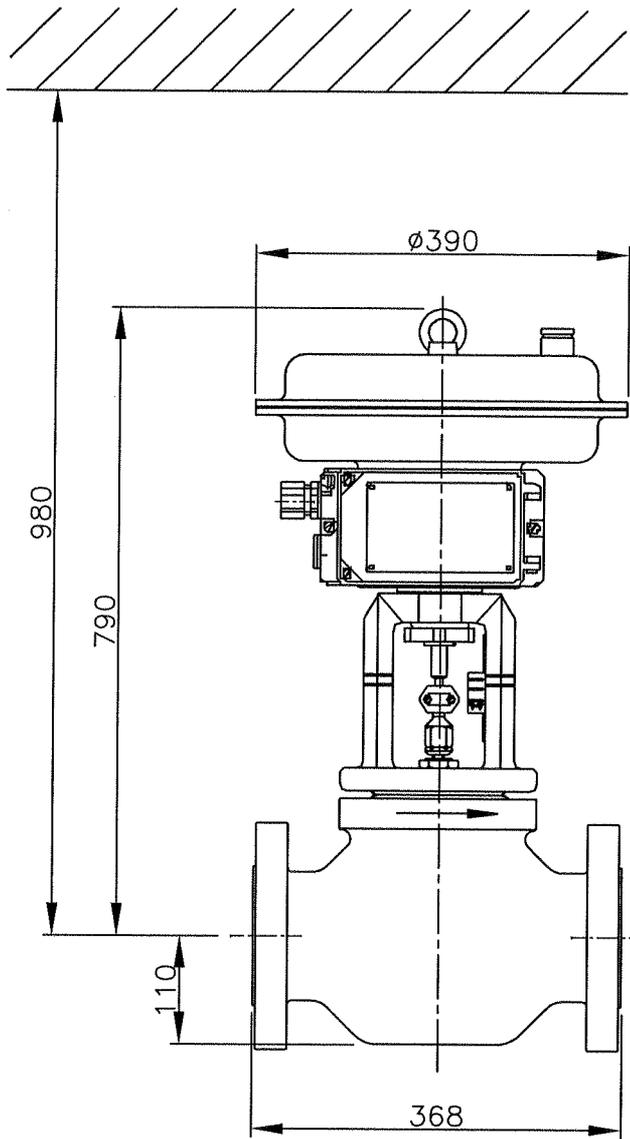
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TITLE | Pneumatic control valve

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

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Valve Type:	3251 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



VENDOR DOC. NO.

All dimensions in mm (no scale)

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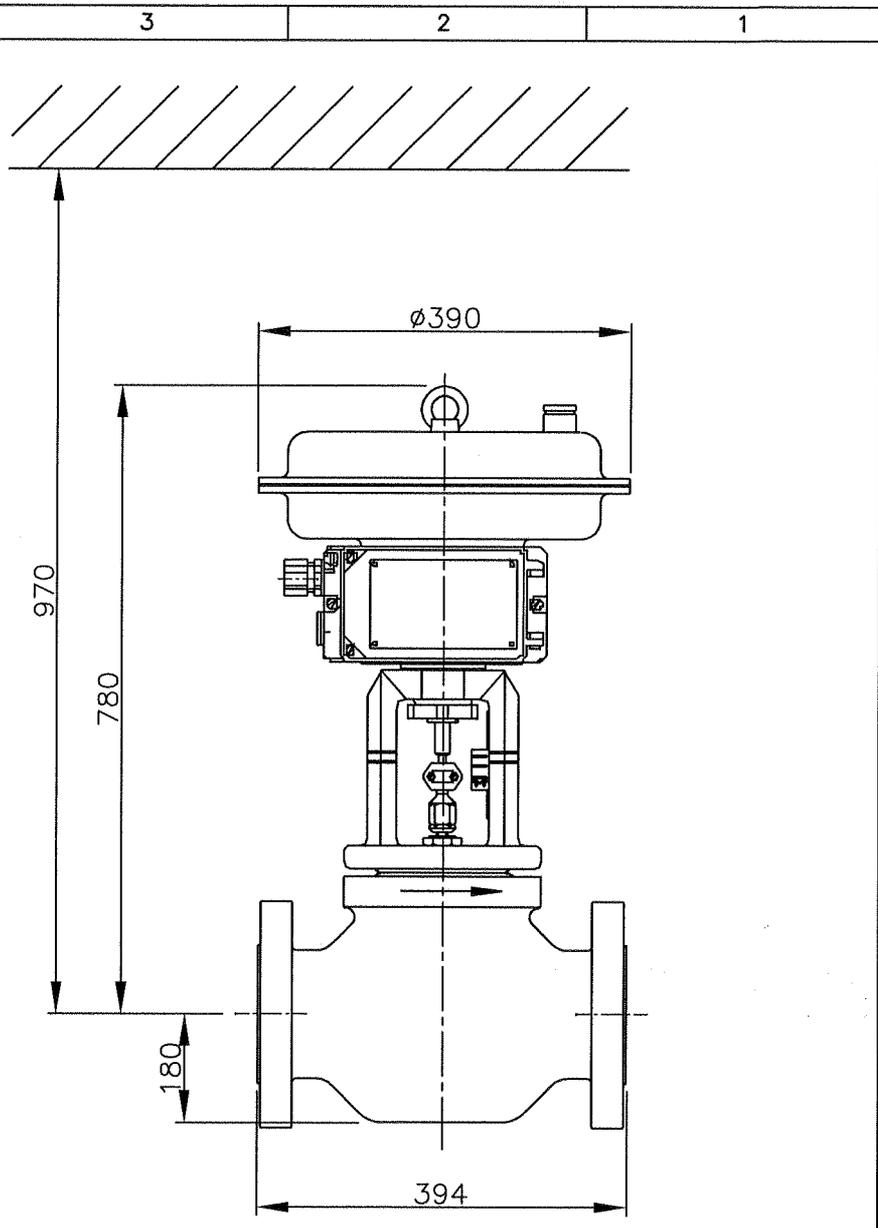
Valve Type:	3251
Valve Style:	Globe
Valve Size:	4 inch
Pressure Rating:	Class 600
Flange Form:	RF-SF
Actuator Type:	3277
Actuator Size:	700
Weight (kg):	165

616 100
Vendor Order Reference

Tag No.: LV-101512B



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

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شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



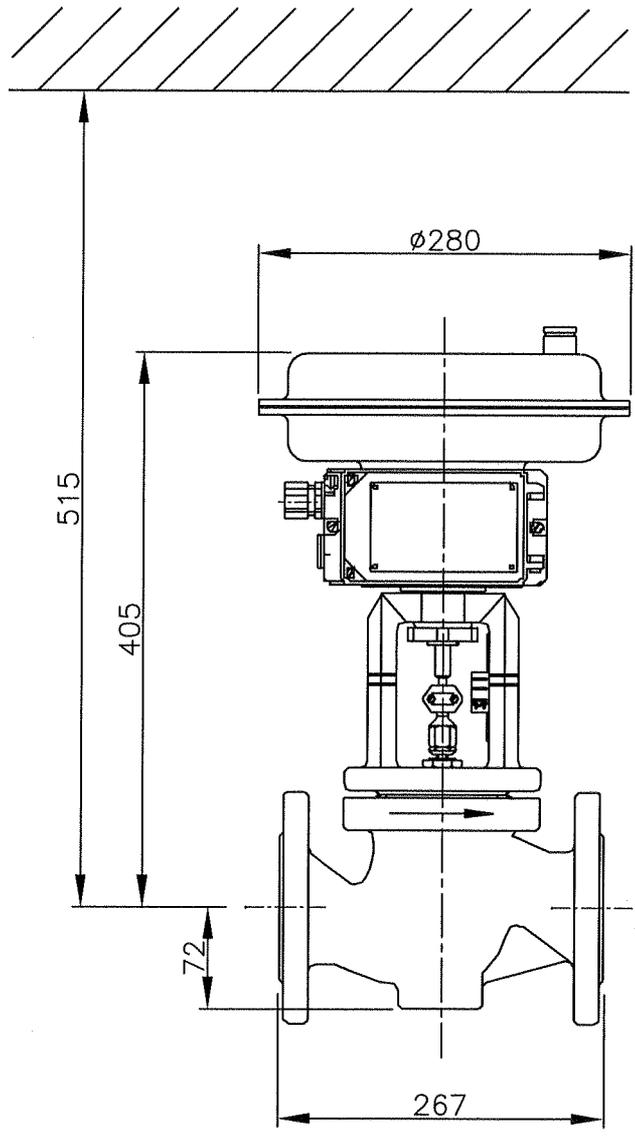
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شرکت طراحی و مهندسی صنایع پتروشیمی



TITLE : Pneumatic control valve

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

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All dimensions in mm (no scale)

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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-101602

 **SAMSON AG**
 Mess- und Regeltechnik
 Wöhlerstrasse 3
 D-60314 Frankfurt am Main
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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 0
SHT :	PIDEC PROJ. NO. 1182		

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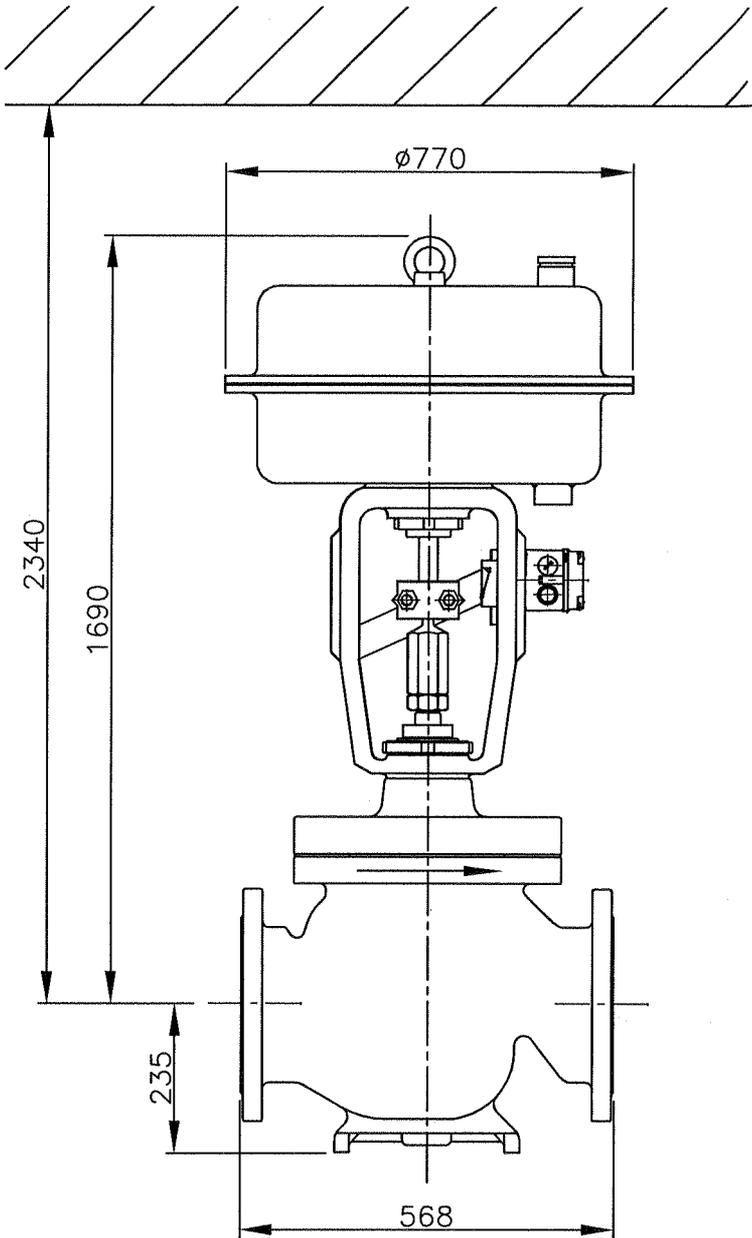
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type:	3241 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

 **SAMSON AG**
Mess- und Regeltechnik
Welmühlenstrasse 2
D-40034 Frahmort am Meer
Phone: +49 89 40 09-0
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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

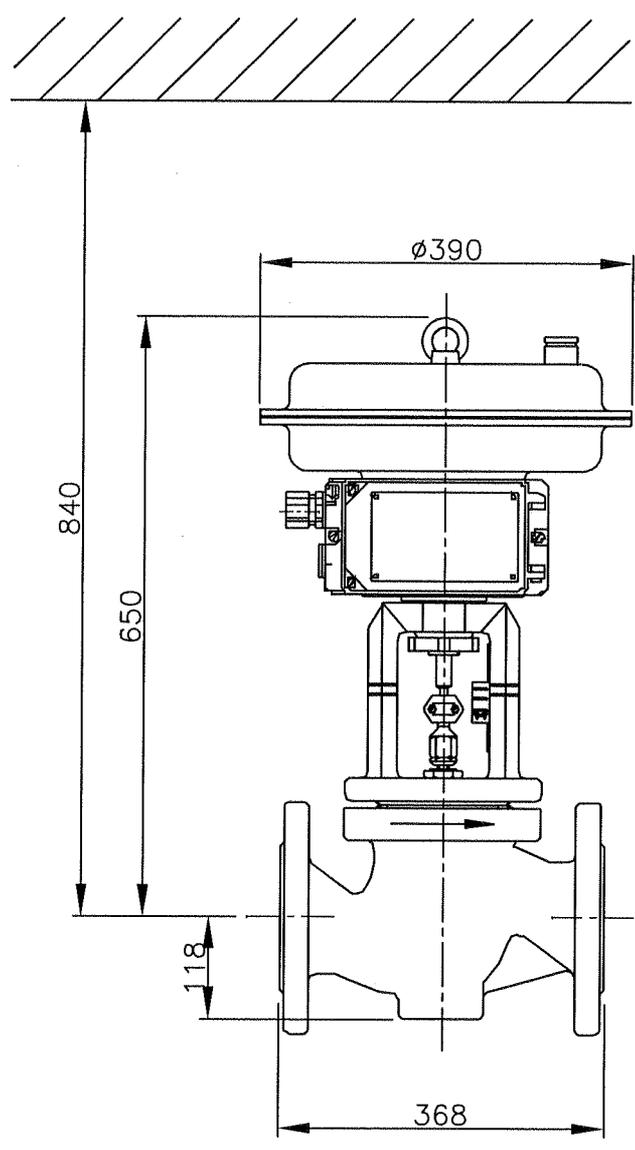
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TITLE: Pneumatic control valve

SCALE: NO	ZPC PROJ. NO. 232000	DWG. NO.	REV 0
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All dimensions in mm (no scale)

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

616 100
 Vendor Order Reference
 Tag No.: LV-150406

SAMSON AG
 Mess- und Regeltechnik
 Wiesenstraße 2
 D-60314 Frankfurt am Main
 Phone: +49 69 40 09-0
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OWNER : NATIONAL PETROCHEMICAL COMPANY
 ZAGROS PETROCHEMICAL COMPLEX
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 PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY
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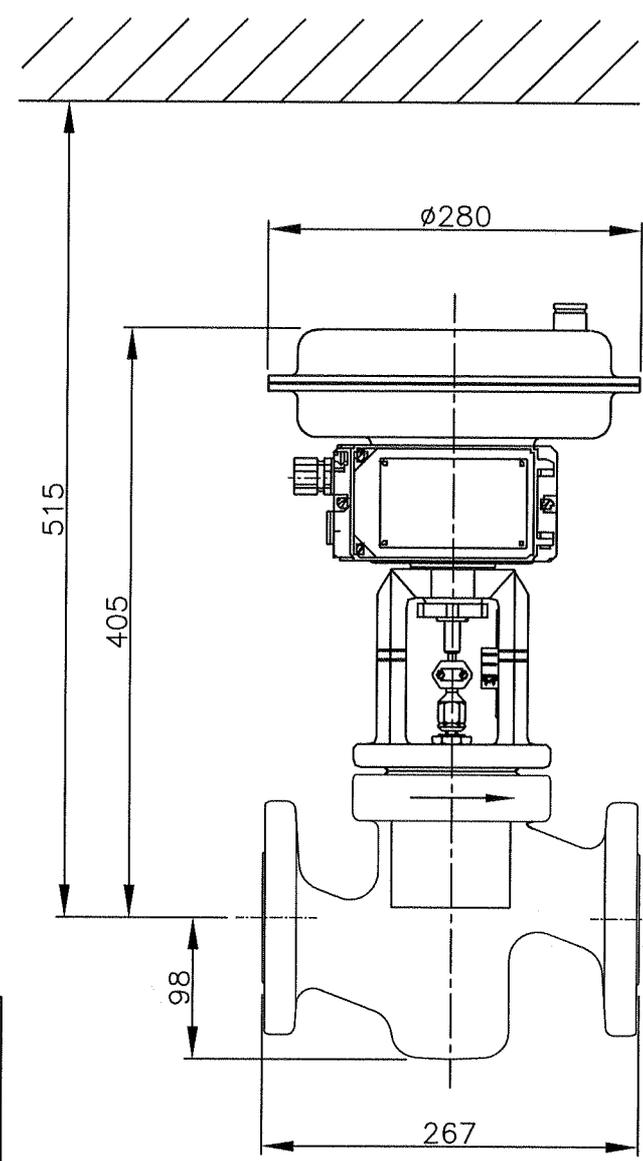
engineering Lurgi

TITLE : Pneumatic control valve

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

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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-150505

SAMSON AG
 Mess- und Regeltechnik
 Valenrudenstrasse 3
 D-40314 Frankfurt am Main
 Phone: +49 69 40 09-0
 Fax: +49 69 40 08-1781
 Internet: http://www.samson.de

All dimensions in mm (no scale)

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OWNER : NATIONAL PETROCHEMICAL COMPANY
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engineering
Lurgi

TITLE : Pneumatic control valve

SCALE : 1/10	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:	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**
 Mess- und Regeltechnik
 WeberstraÙe 3
 D-60314 Frankfurt am Main
 Phone: +49 69 40 00-0
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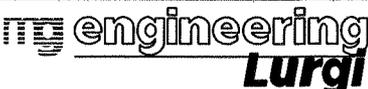
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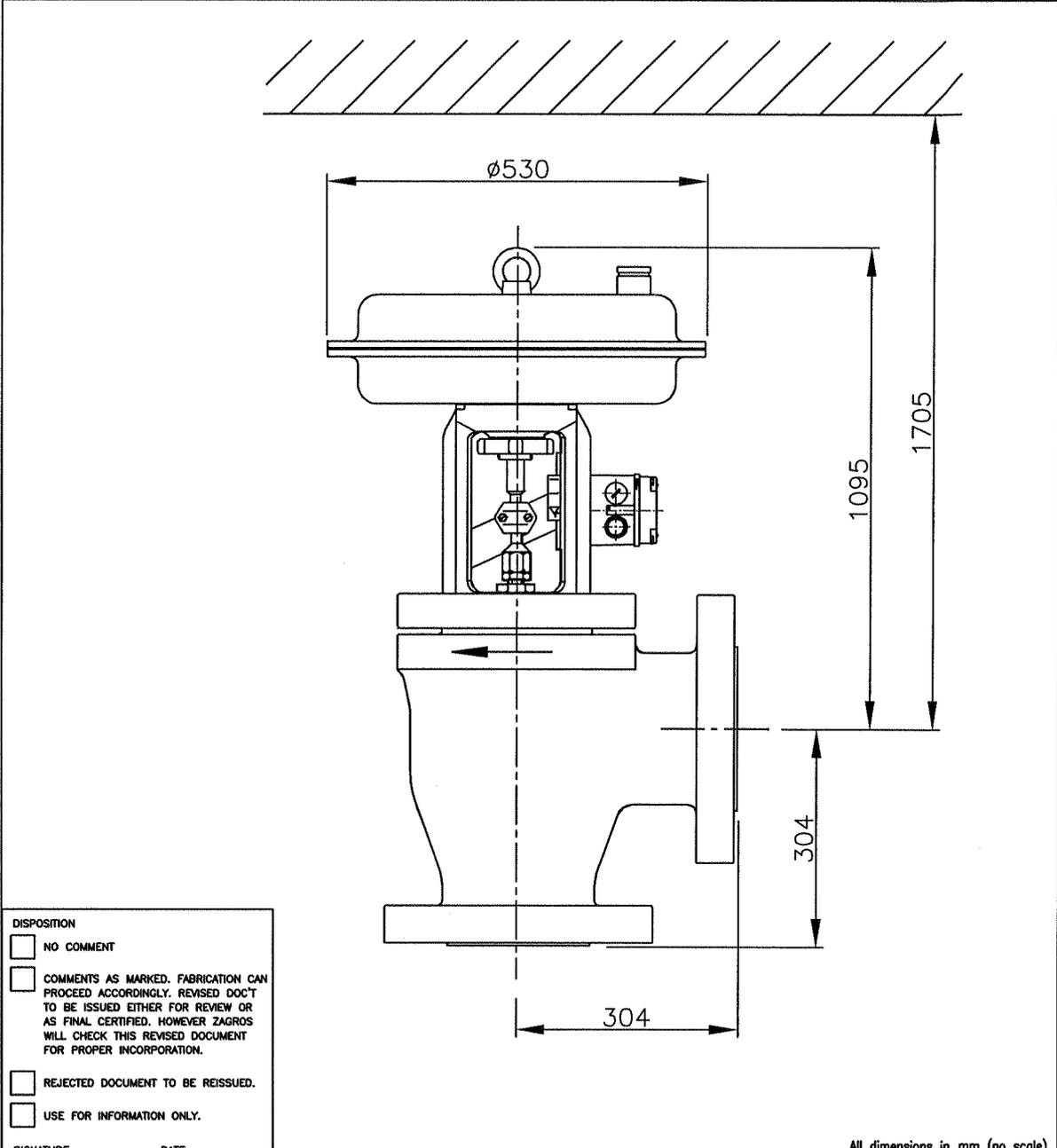
OWNER : NATIONAL PETROCHEMICAL COMPANY
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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

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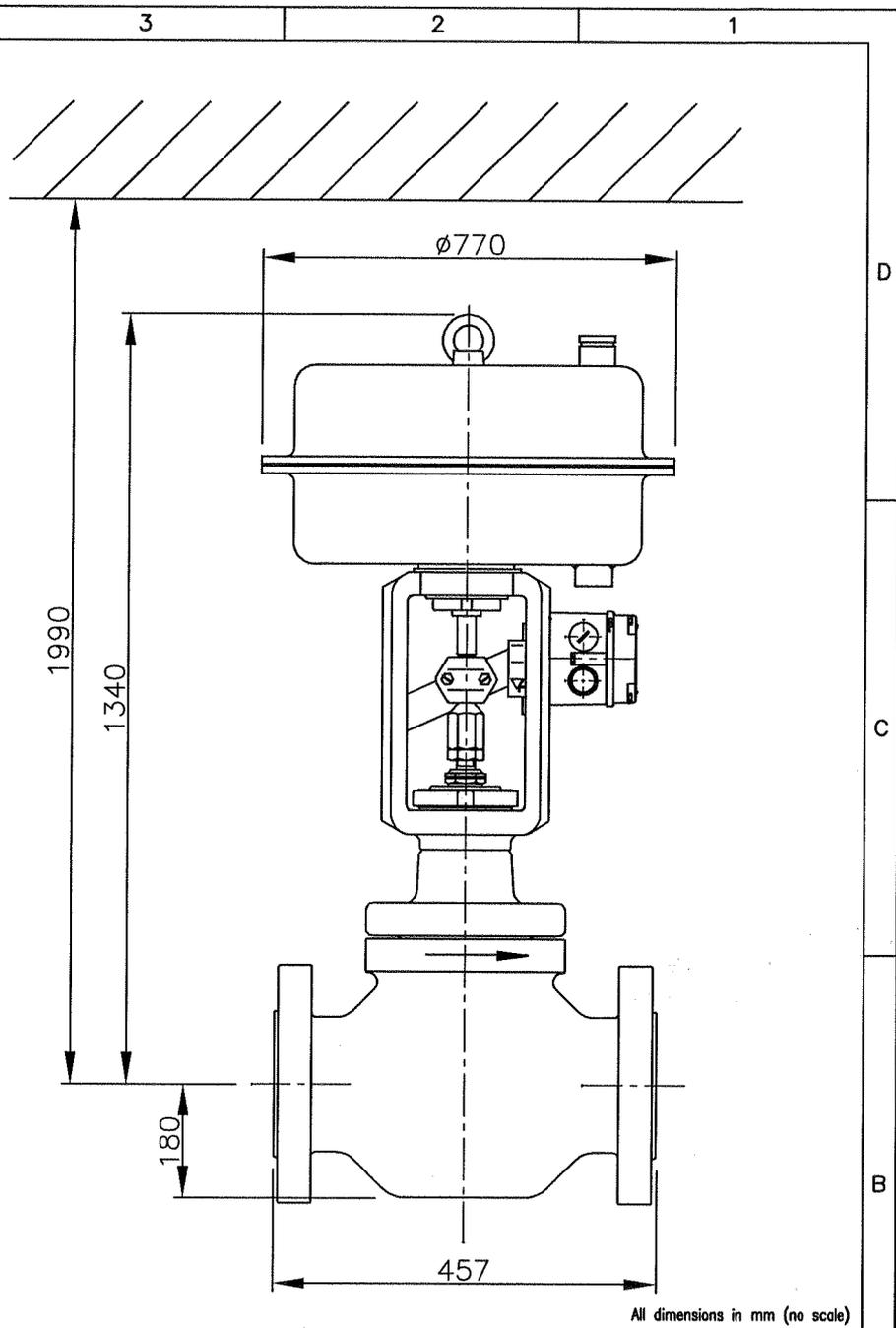
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Valve Type:	3251
Valve Style:	Globe
Valve Size:	4 inch
Pressure Rating:	Class 900
Flange Form:	RF-SF
Actuator Type:	3271
Actuator Size:	2800
Weight (kg):	612

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

 **SAMSON AG**
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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

 PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY
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TITLE : Pneumatic control valve

SCALE : N0	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDEC PROJ. NO. 1182		

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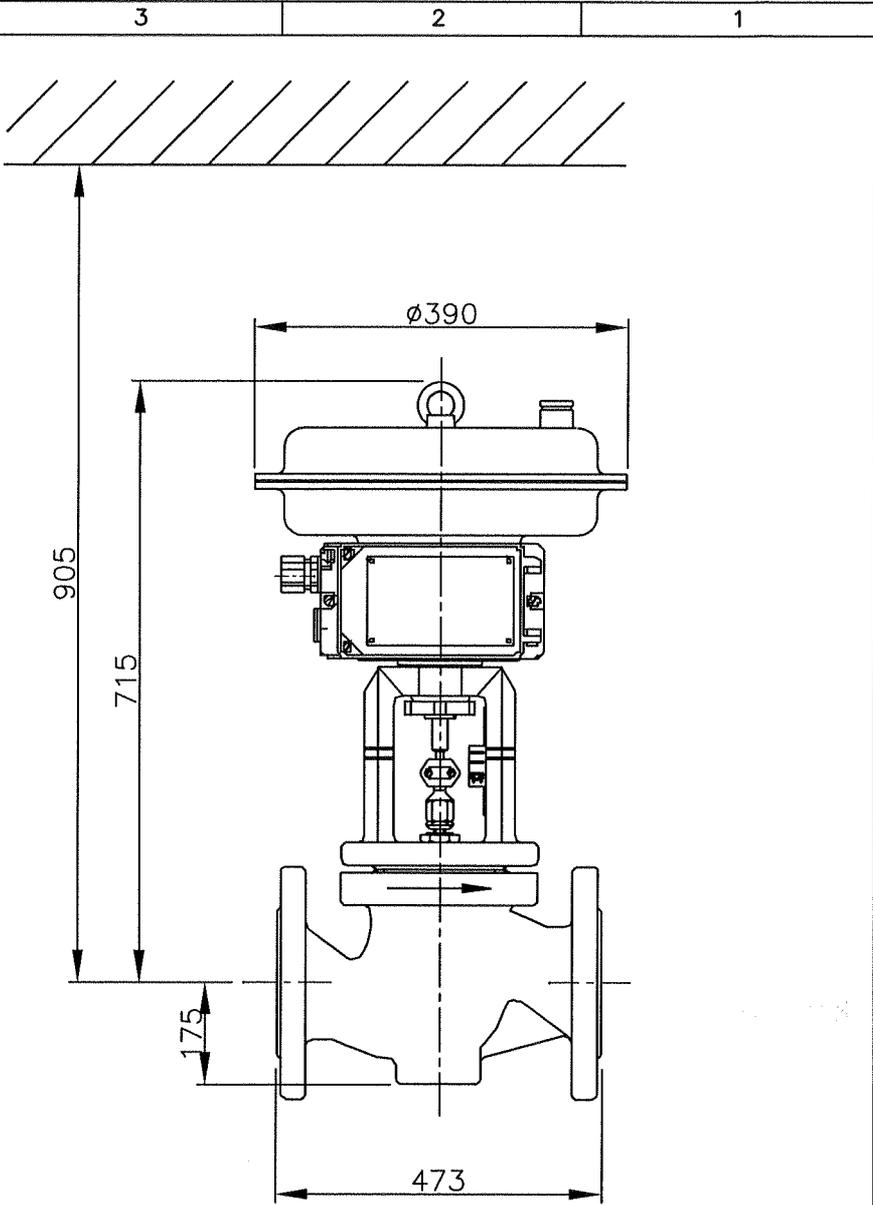
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 3241
 Valve Style: Globe
 Valve Size: 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.: LV-300101A

 **SAMSON AG**
 Mess- und Regeltechnik
 Welmenerstrasse 3
 D-40314 Faxfließ am Mah
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All dimensions in mm (no scale)

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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

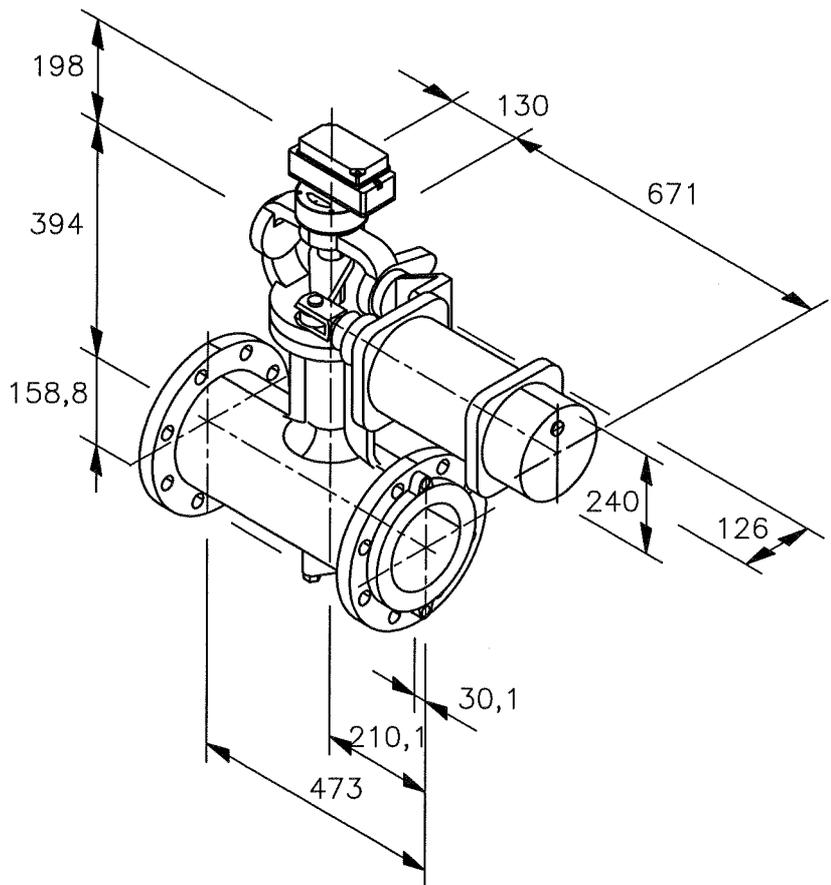
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TITLE : Pneumatic control valve

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

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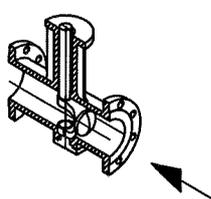
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All dimensions in mm (no scale)

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

REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
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616 100
Vendor Order Reference

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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

SAMSON AG
 Mess- und Regeltechnik
 Walsmuthstrasse 3
 D-60314 Frankfurt am Main
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engineering Lurgi

TITLE : Pneumatic control valve

SCALE : NO

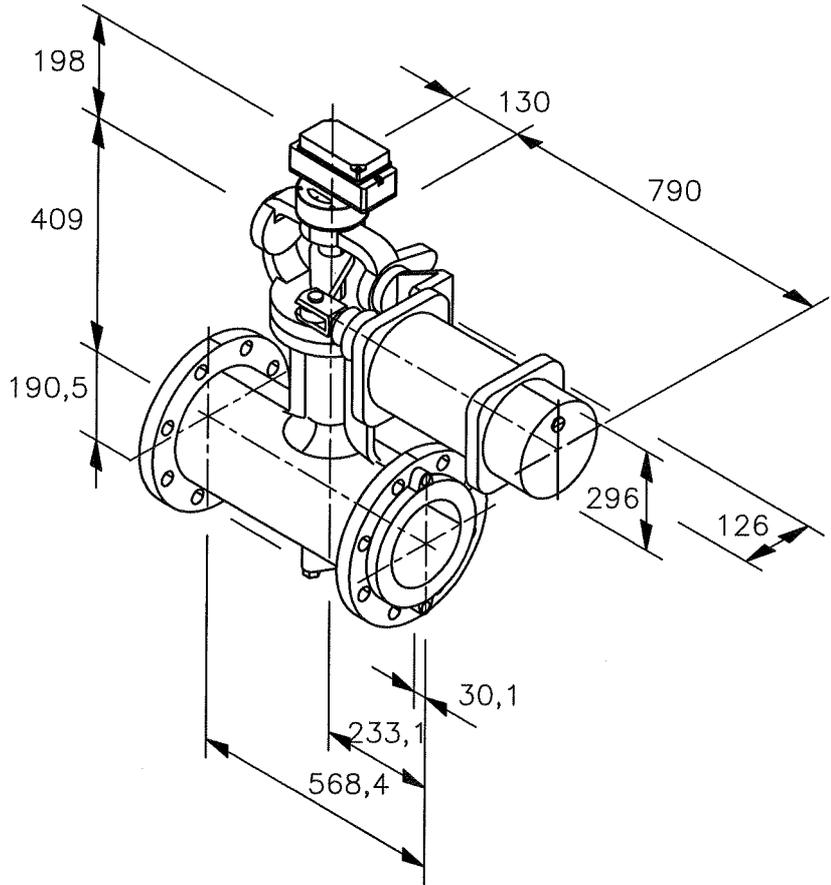
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ZPC PROJ. NO. 232000
 PIDEC PROJ. NO. 1182

DWG NO. .

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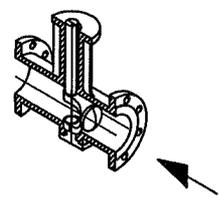
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Valve Type:	72.1R
Valve Style:	Rotary plug
Valve Size:	8 inch
Pressure Rating:	Class 300
Flange Form:	RF-SF
Actuator Type:	R250v
Actuator Size:	
Weight (kg):	260

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

616 100
 Vendor Order Reference
 Tag No.: LV-300202

PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY
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SAMSON AG
 Mess- und Regeltechnik
 Völklingenstraße 2
 D-60314 Frankfurt am Main
 Phone: +49 69 40 09-0
 Fax: +49 69 40 09-1701
 Internet: http://www.samson.de

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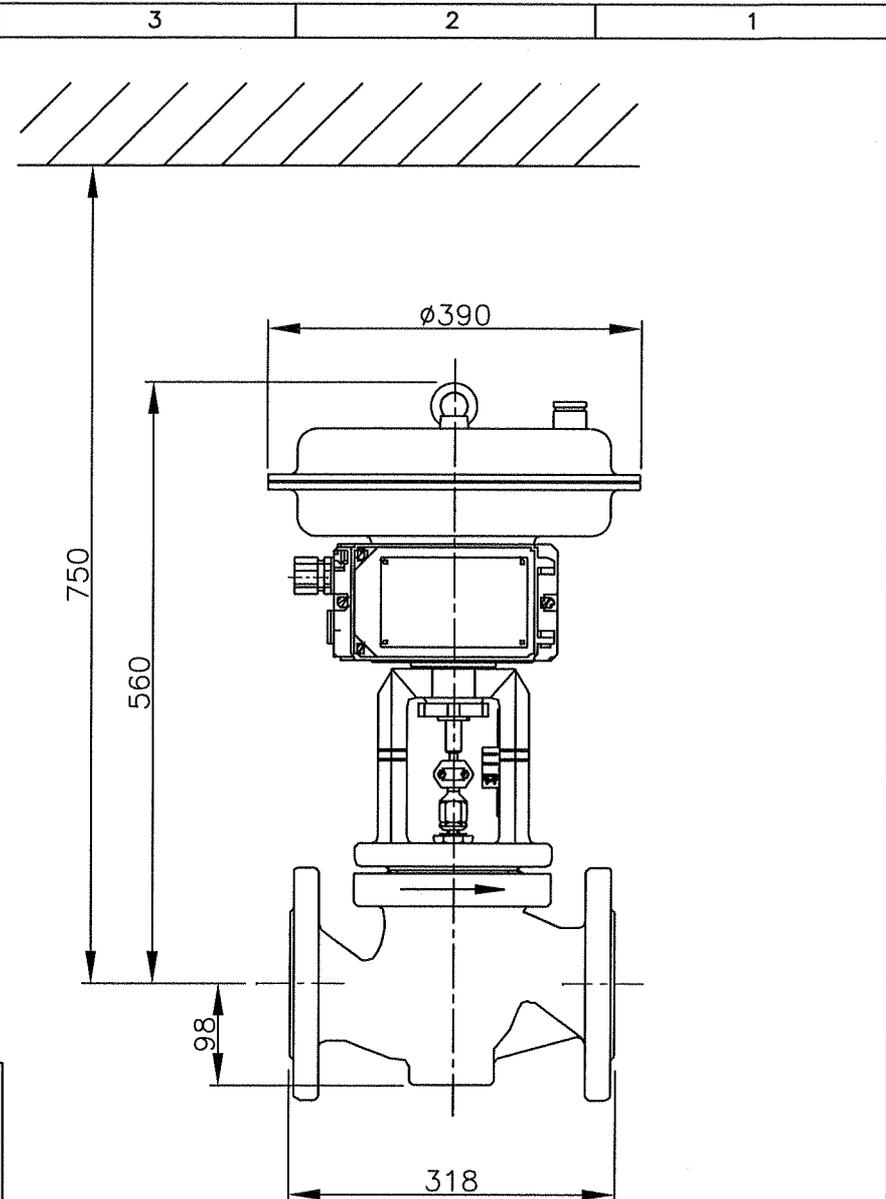
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Valve Type: 3241
 Valve Style: Globe
 Valve Size: 3 inch
 Pressure Rating: Class 300
 Flange Form: RF-SF
 Actuator Type: 3277
 Actuator Size: 700
 Weight (kg): 58

616 100
 Vendor Order Reference
 Tag No.: LV-300203

 **SAMSON AG**
 Mess- und Regeltechnik
 Weltermsstrasse 3
 D-60214 Frankfurt am Main
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 Fax: +49 69 40 09-1701
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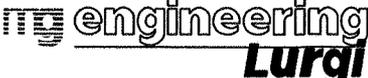
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OWNER : NATIONAL PETROCHEMICAL COMPANY
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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

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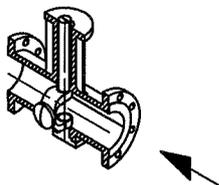
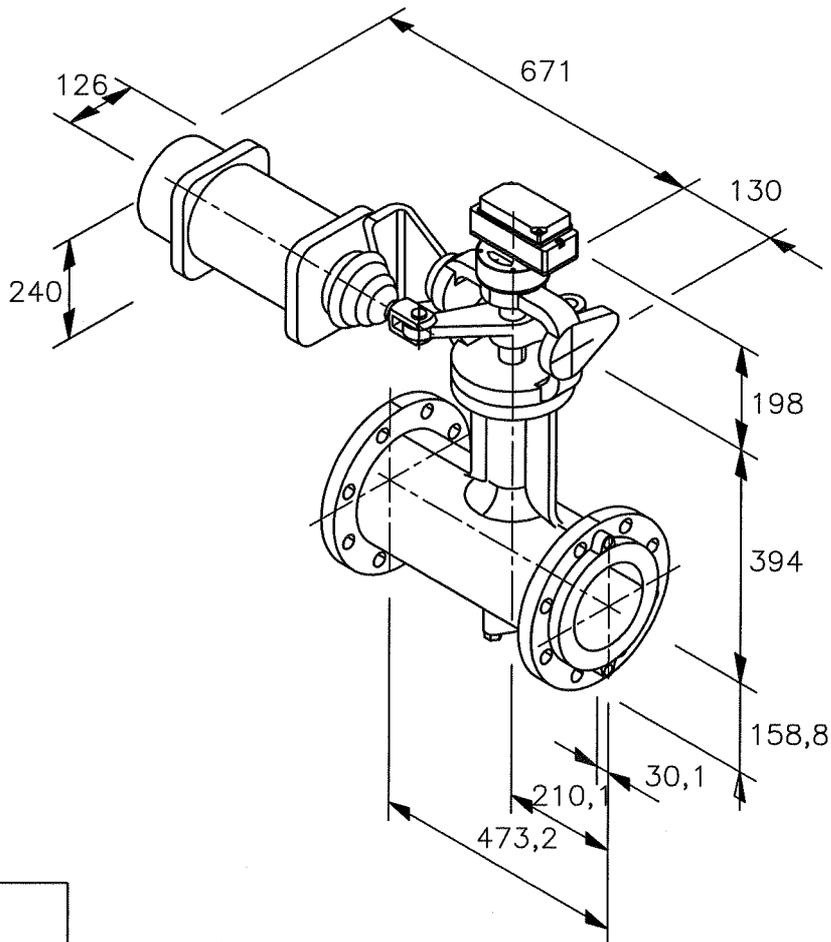


TITLE : Pneumatic control valve

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



SAMSON AG
 Mess- und Regeltechnik
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PROJECT :

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TITLE :

Pneumatic control valve

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

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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



SAMSON AG
Mess- und Regeltechnik
Weismuhlenstrasse 3
D-60314 Frankfurt am Main
Phone: +49 69 40 09-0
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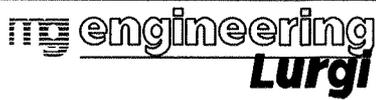
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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

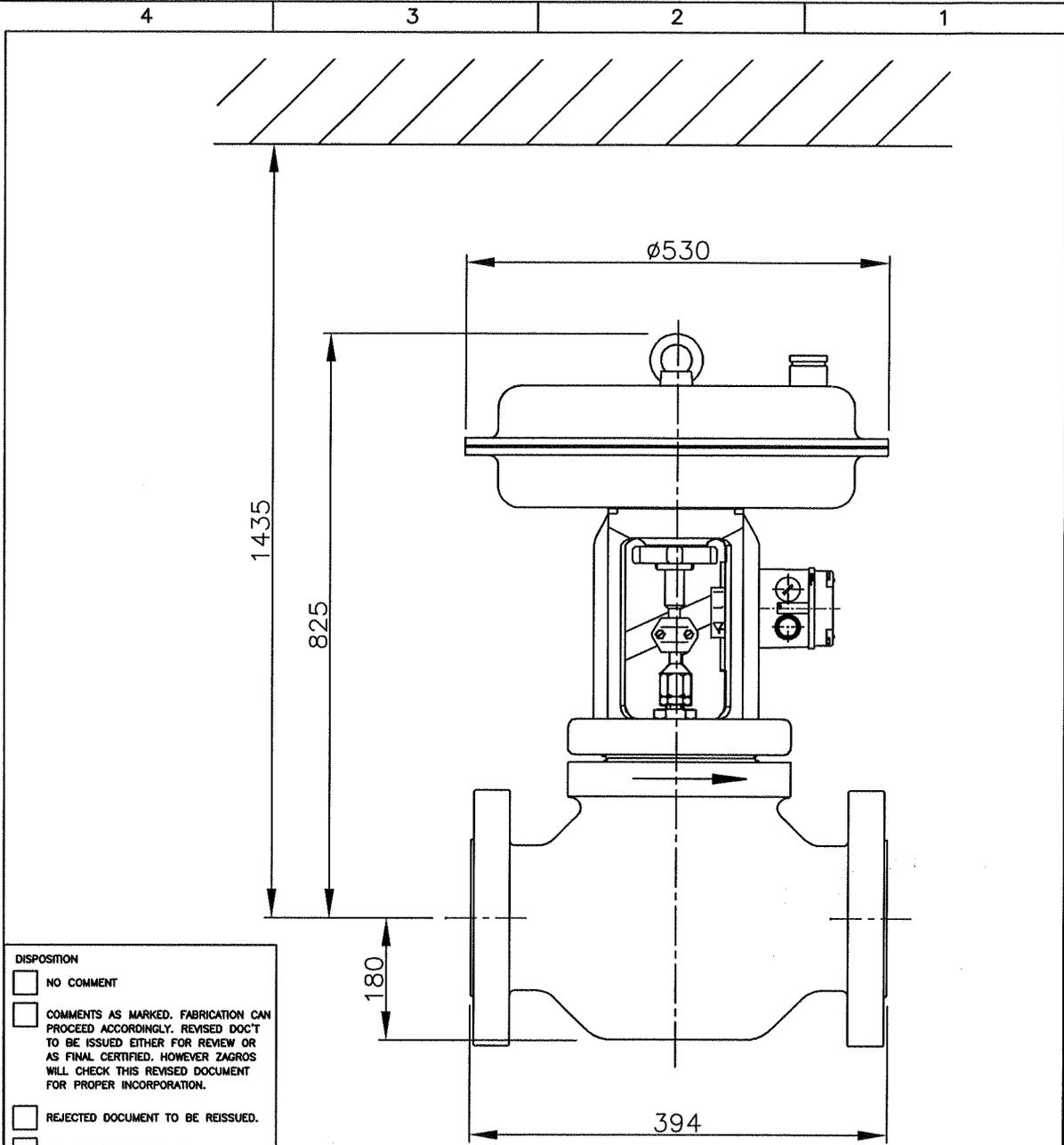


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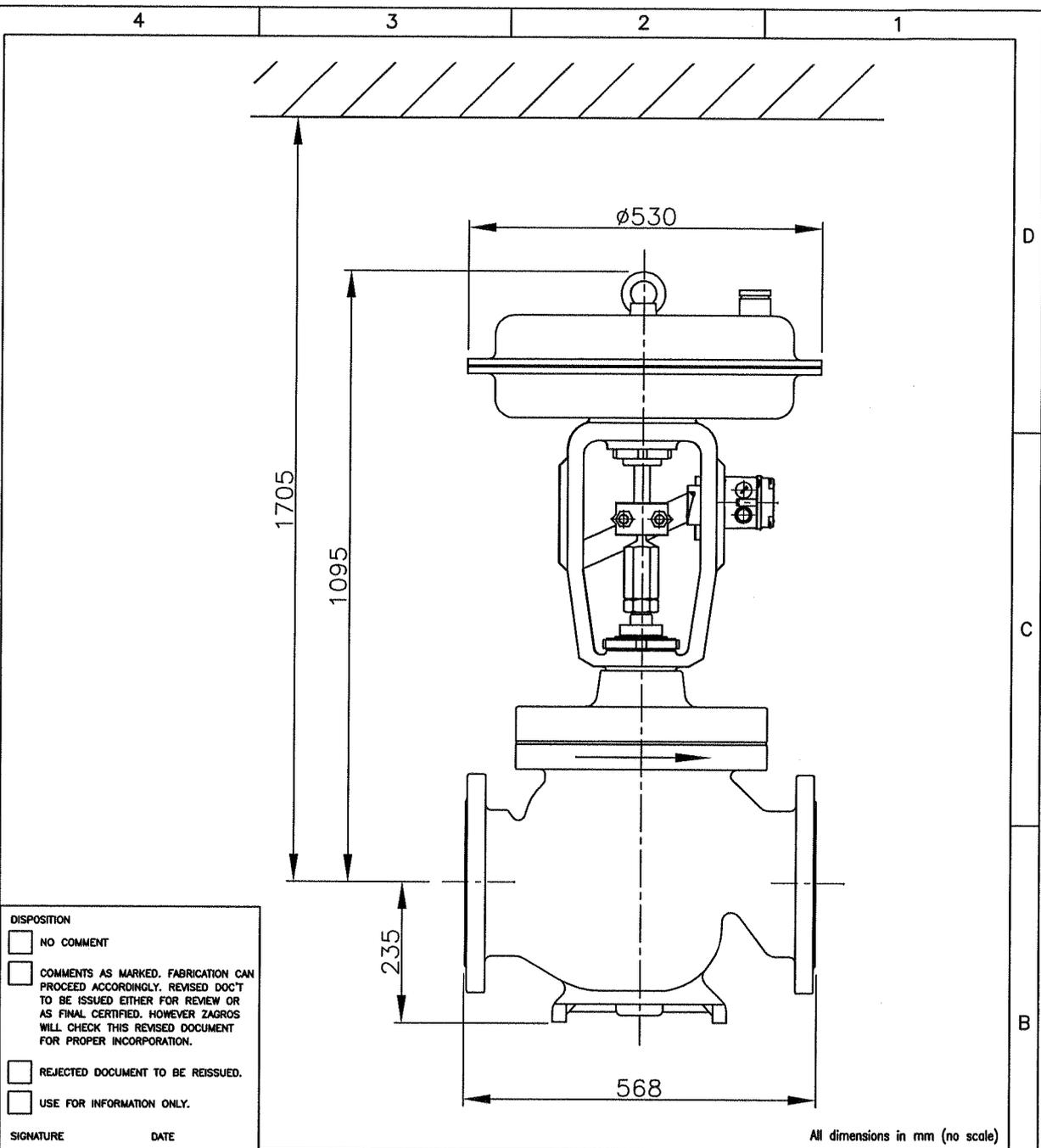
TITLE : Pneumatic control valve

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



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Valve Type:	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

SAMSON AG
Mess- und Regeltechnik
Woburnstraße 3
D-60314 Frankfurt am Main
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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	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT : 1	PIDECE PROJ. NO. 1182		

All dimensions in mm (no scale)

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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.: LV-300508

 **SAMSON AG**
 Mess- und Regeltechnik
 Walmunsterstrasse 3
 D-40014 Fraunkfurt am Main
 Phone: +49 69 40 09-0
 Fax: +49 69 40 09-1791
 Internet: http://www.samson.de

VENDOR DOC. NO. _____

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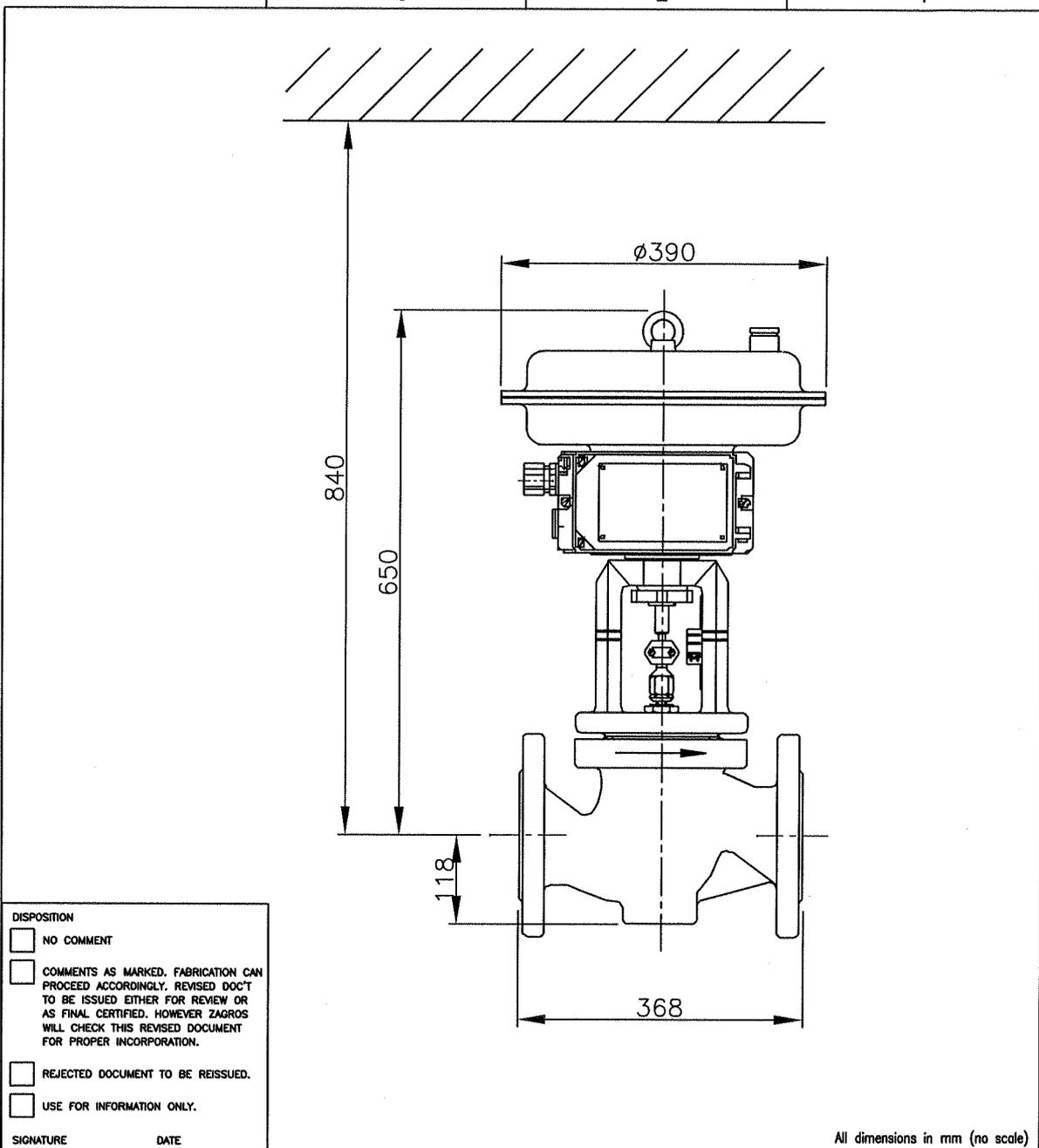
OWNER : NATIONAL PETROCHEMICAL COMPANY
 ZAGROS PETROCHEMICAL COMPLEX
 شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

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 DESIGN & ENGINEERING COMPANY
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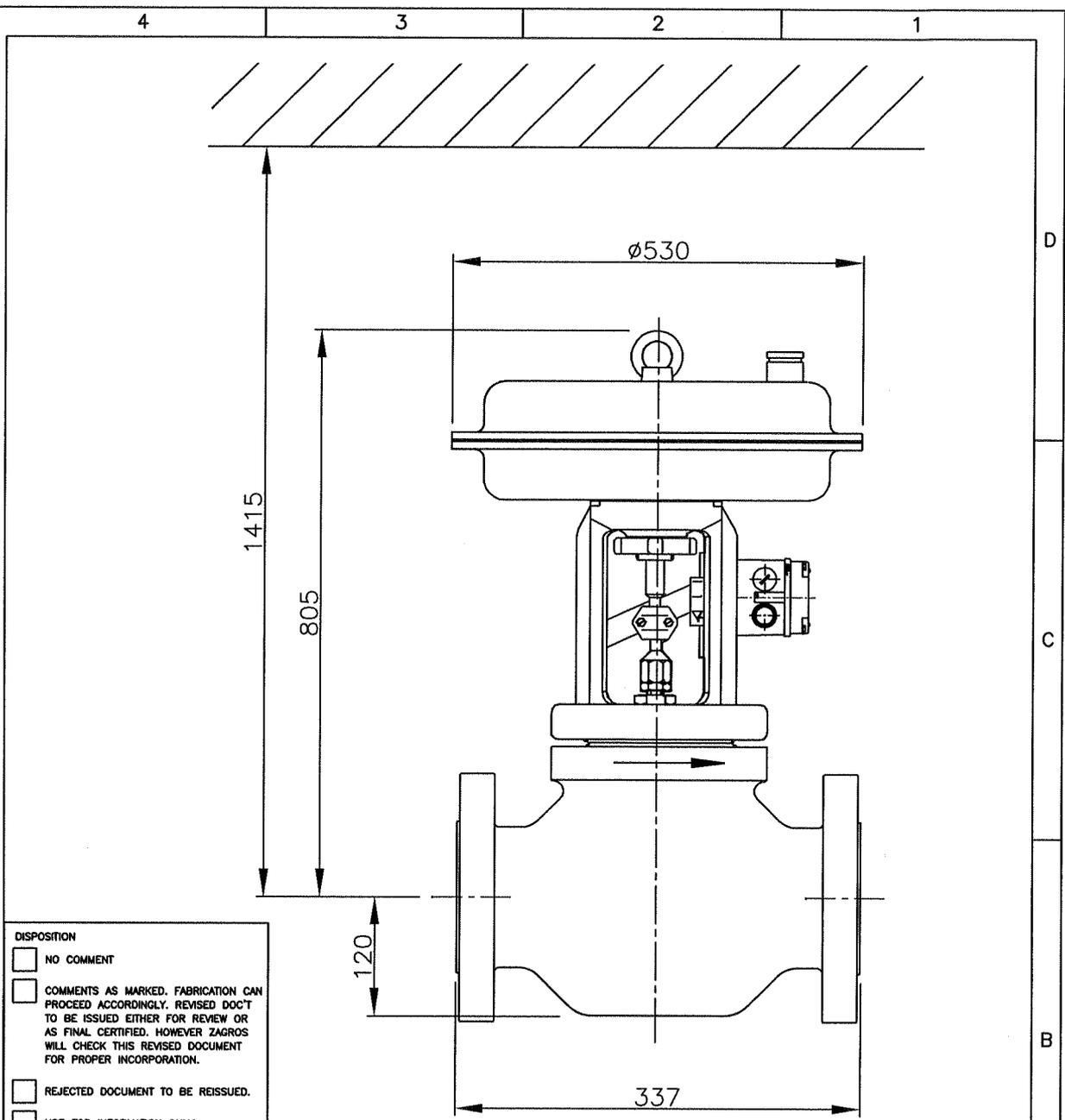


TITLE : Pneumatic control valve		SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT : _____		PIDEC PROJ. NO. 1182			



All dimensions in mm (no scale)

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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

SAMSON AG
 Mess- und Regeltechnik
 Willybrandstrasse 3
 D-40214 Frankfurt am Main
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 Fax: +49 69 40 09-1791
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OWNER : NATIONAL PETROCHEMICAL COMPANY
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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

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engineering Lurgi

TITLE : Pneumatic control valve

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

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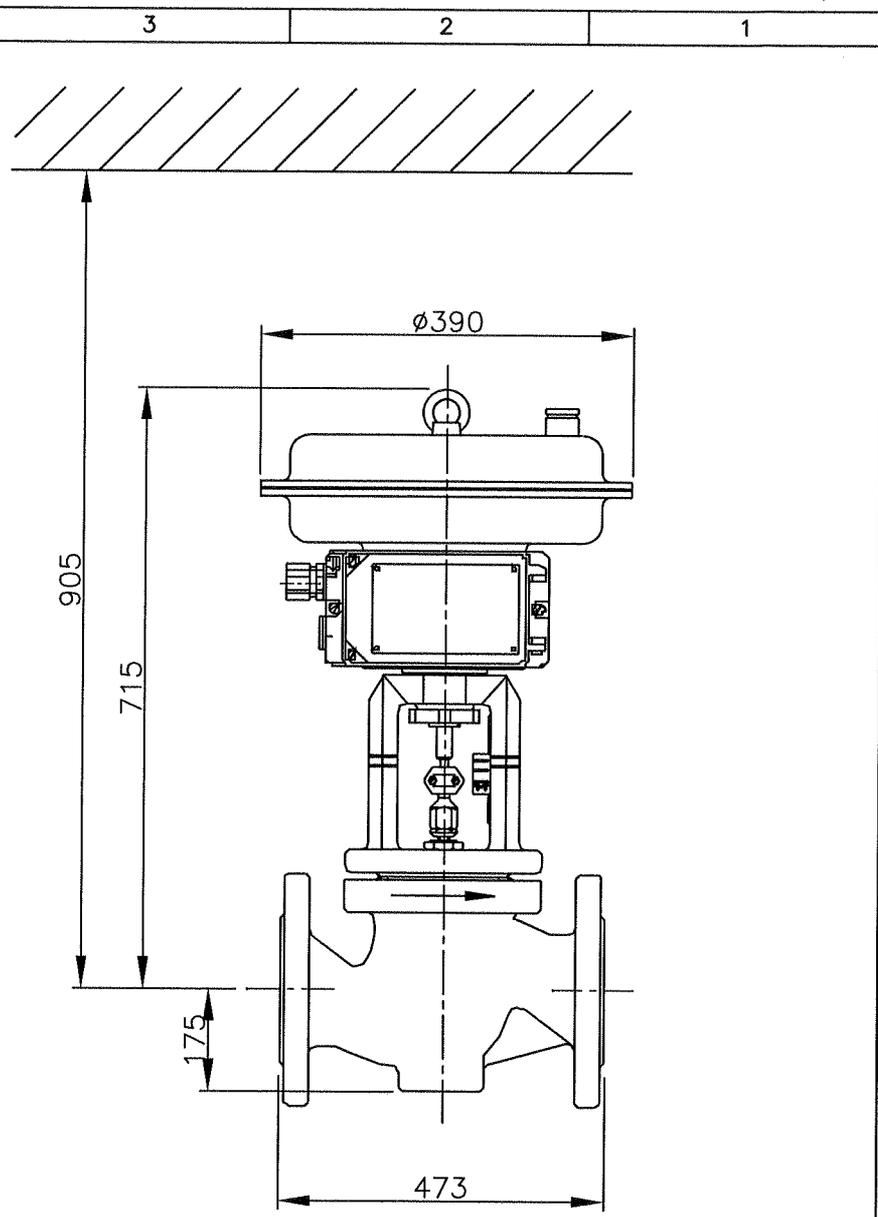
Valve Type:	3241
Valve Style:	Globe
Valve Size:	6 inch
Pressure Rating:	Class 300
Flange Form:	RF-SF
Actuator Type:	3277
Actuator Size:	700
Weight (kg):	148

616 100
Vendor Order Reference
Tag No.: LV-300910



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Welmenerstrasse 3
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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES
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شرکت طراحی و مهندسی صنایع پتروشیمی



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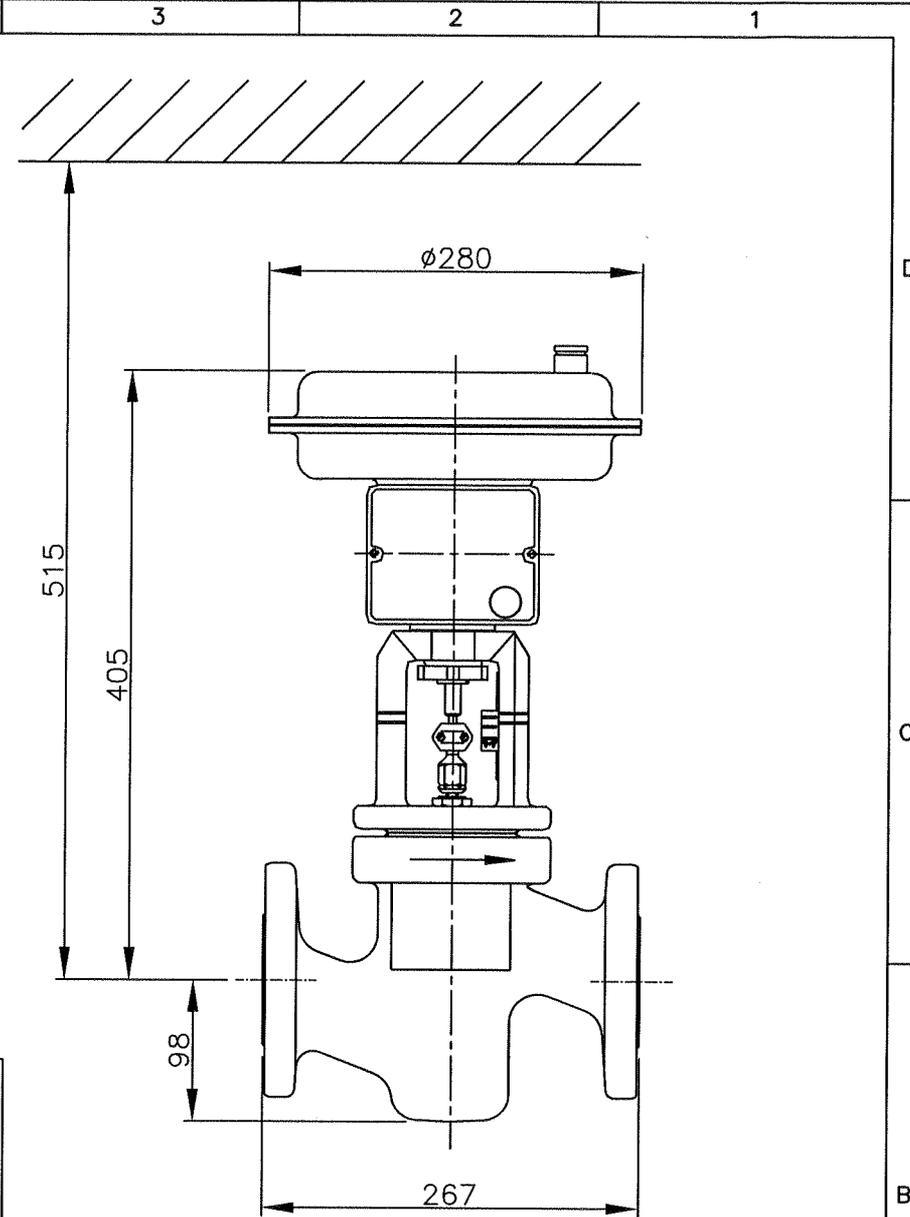
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Valve Type:	3241
Valve Style:	Globe
Valve Size:	2 inch
Pressure Rating:	Class 300
Flange Form:	RF-SF
Actuator Type:	3277
Actuator Size:	350
Weight (kg):	29

616 100
Vendor Order Reference
Tag No.: LV-600301

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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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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



VENDOR DOC. NO. .

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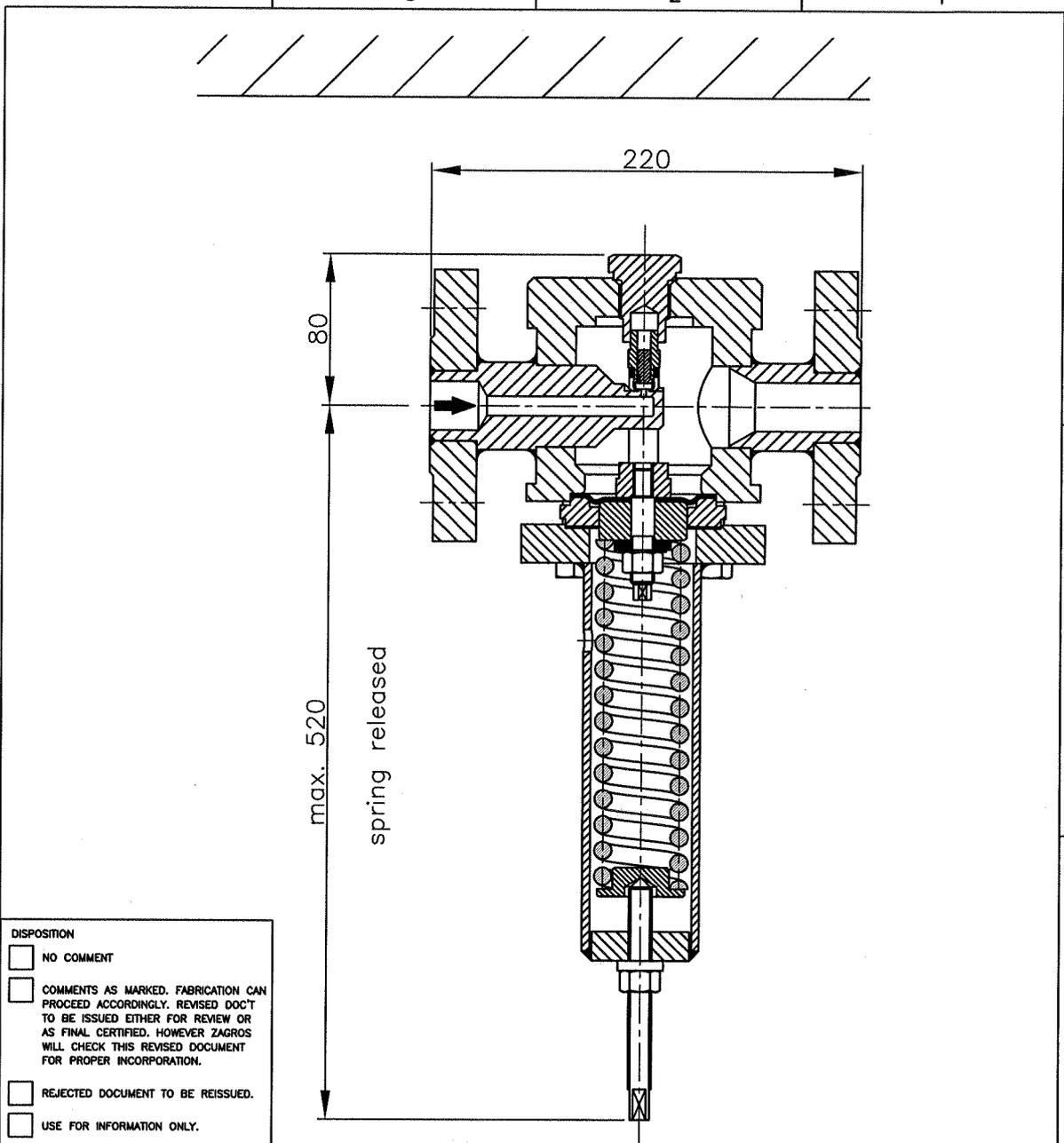
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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



TITLE : Pneumatic control valve

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



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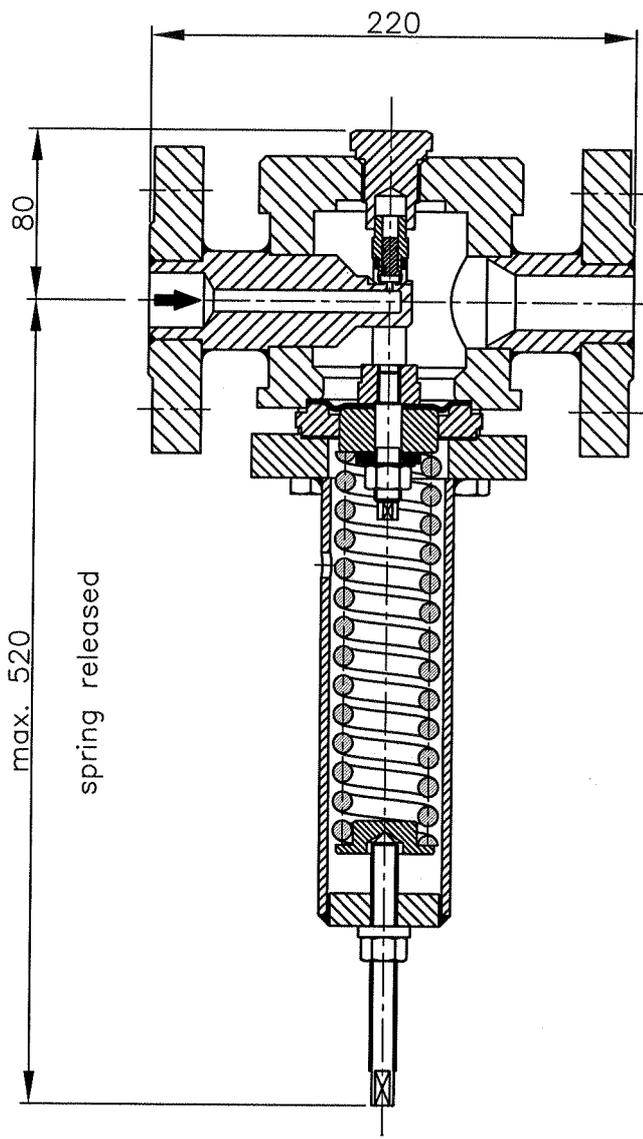
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Valve Type:	511K
Valve Style:	Self operating valve
Valve Size:	1 inch
Pressure Rating:	Class 600
Flange Form:	RF-SF
Actuator Type:	.
Actuator Size:	.
Weight (kg):	22

616 100
Vendor Order Reference
Tag No.: PCV-100182

 **SAMSON AG**
Mess- und Regeltechnik
Welmenerstrasse 3
D-50214 Frankfurt am Main
Phone: +49 69 40 09-0
Fax: +49 69 40 09-1781
Internet: <http://www.samson.de>

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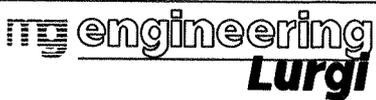
All dimensions in mm (no scale)

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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 :		PIDEC PROJ. NO. 1182			

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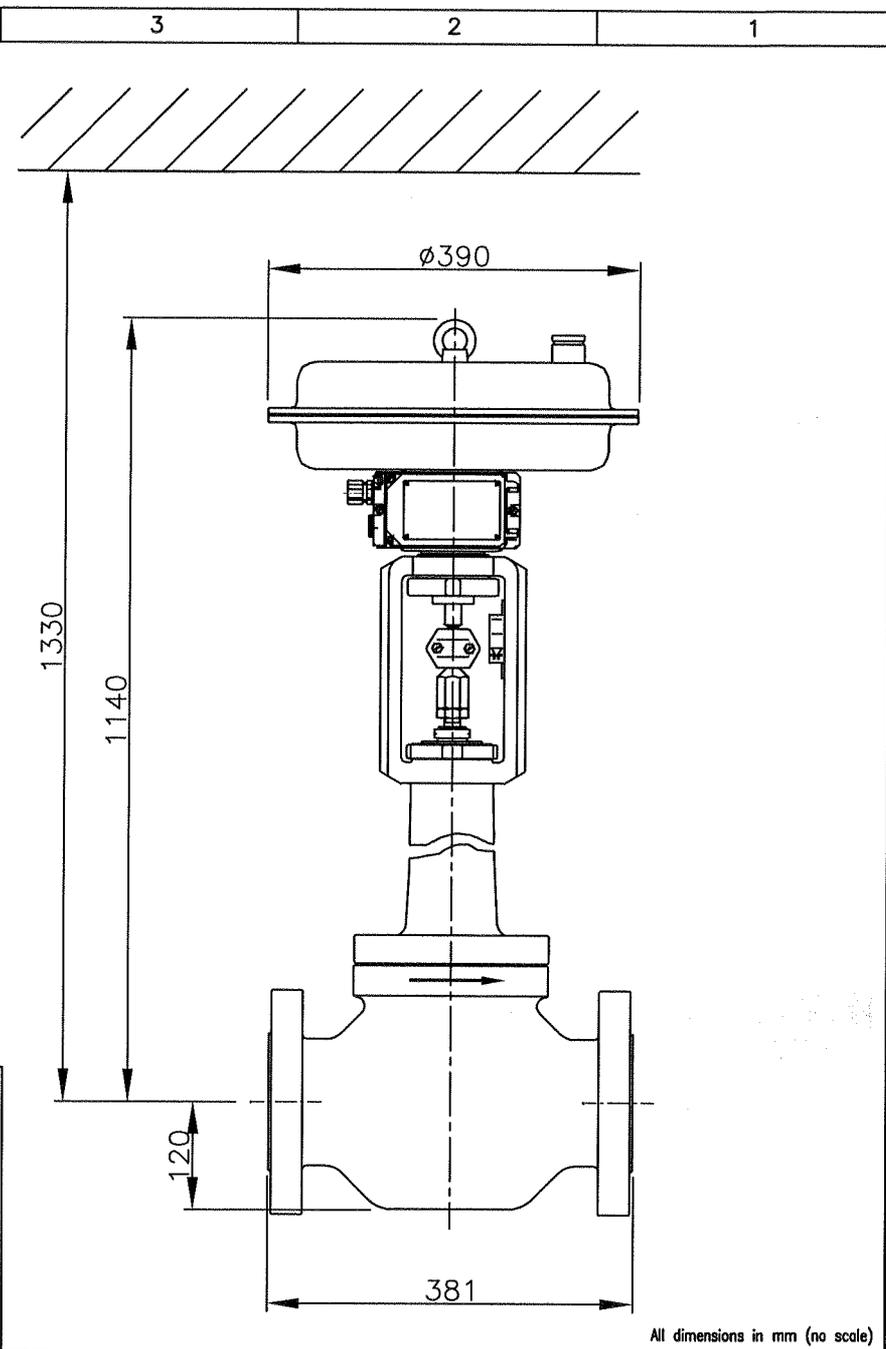
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Valve Type:	3251/bellows with flow
Valve Style:	Globe
Valve Size:	3 inch
Pressure Rating:	Class 900
Flange Form:	RF-SF
Actuator Type:	3277
Actuator Size:	700
Weight (kg):	158

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

SAMSON AG
Mess- und Regeltechnik
Wolkenstrasse 3
D-40514 Frauland am Meer
Phone: +49 69 40 09-0
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All dimensions in mm (no scale)

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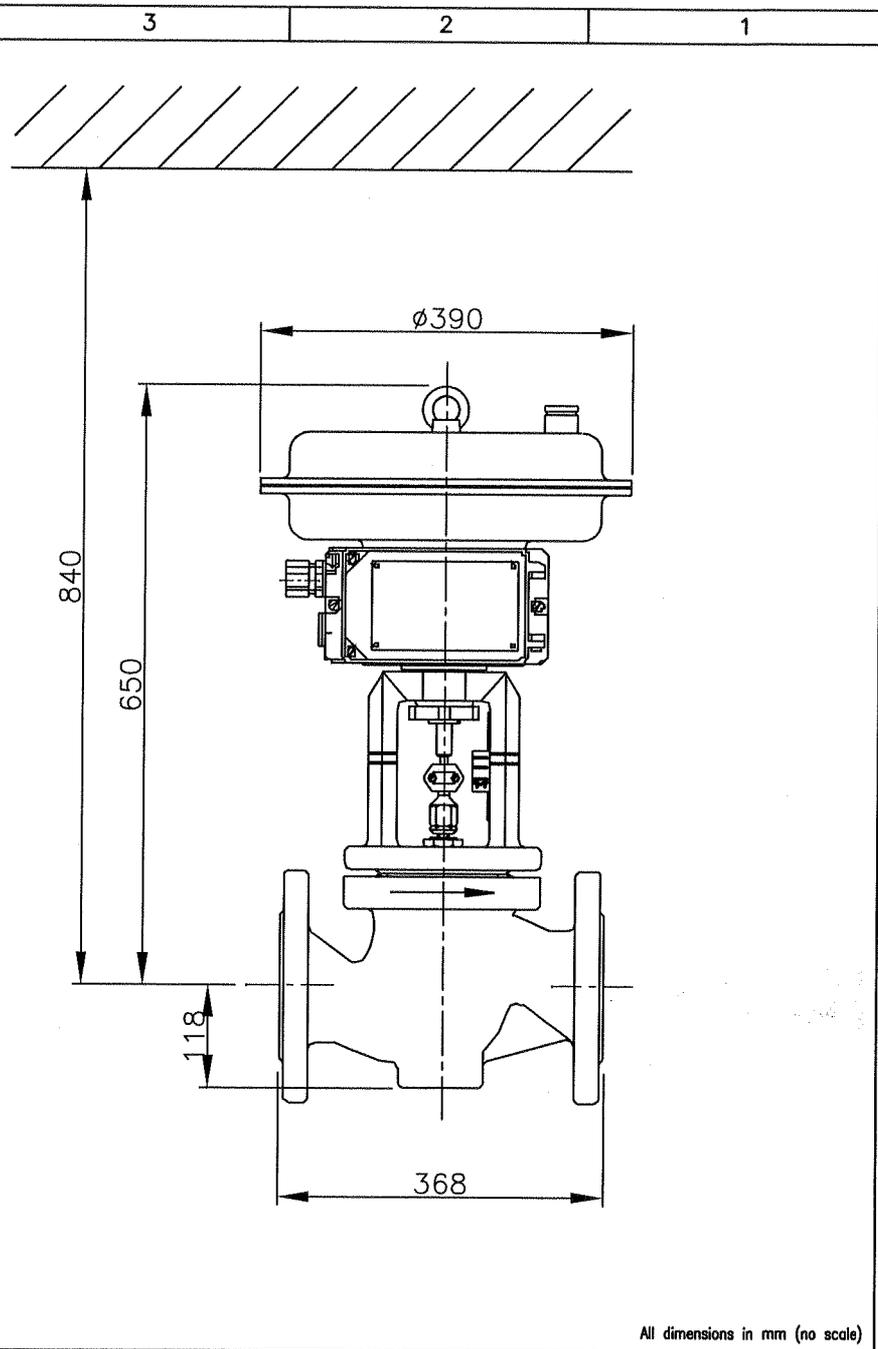
Valve Type:	3241
Valve Style:	Globe
Valve Size:	4 inch
Pressure Rating:	Class 300
Flange Form:	RF-SF
Actuator Type:	3277
Actuator Size:	700
Weight (kg):	70

616 100
Vendor Order Reference

Tag No.: PV-100513



VENDOR DDC. NO. _____



All dimensions in mm (no scale)

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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



TITLE : Pneumatic control valve

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

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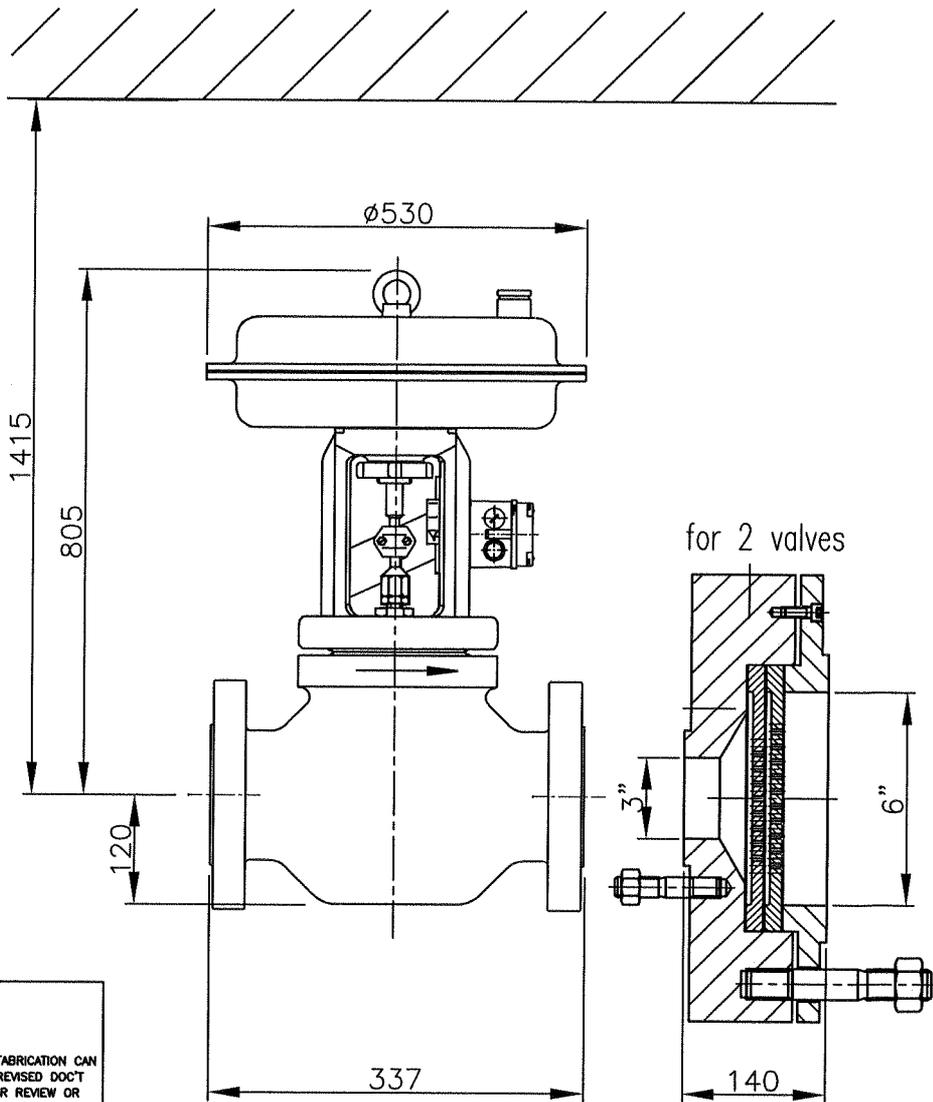
Valve Type:	3251 with flowdivider III
Valve Style:	Globe
Valve Size:	3 inch
Pressure Rating:	Class 600
Flange Form:	RF-SF
Actuator Type:	3271
Actuator Size:	1400
Weight (kg):	269

616 100
Vendor Order Reference

Tag No.: PV-100529A



VENDOR DOC. NO.



All dimensions in mm (no scale)

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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

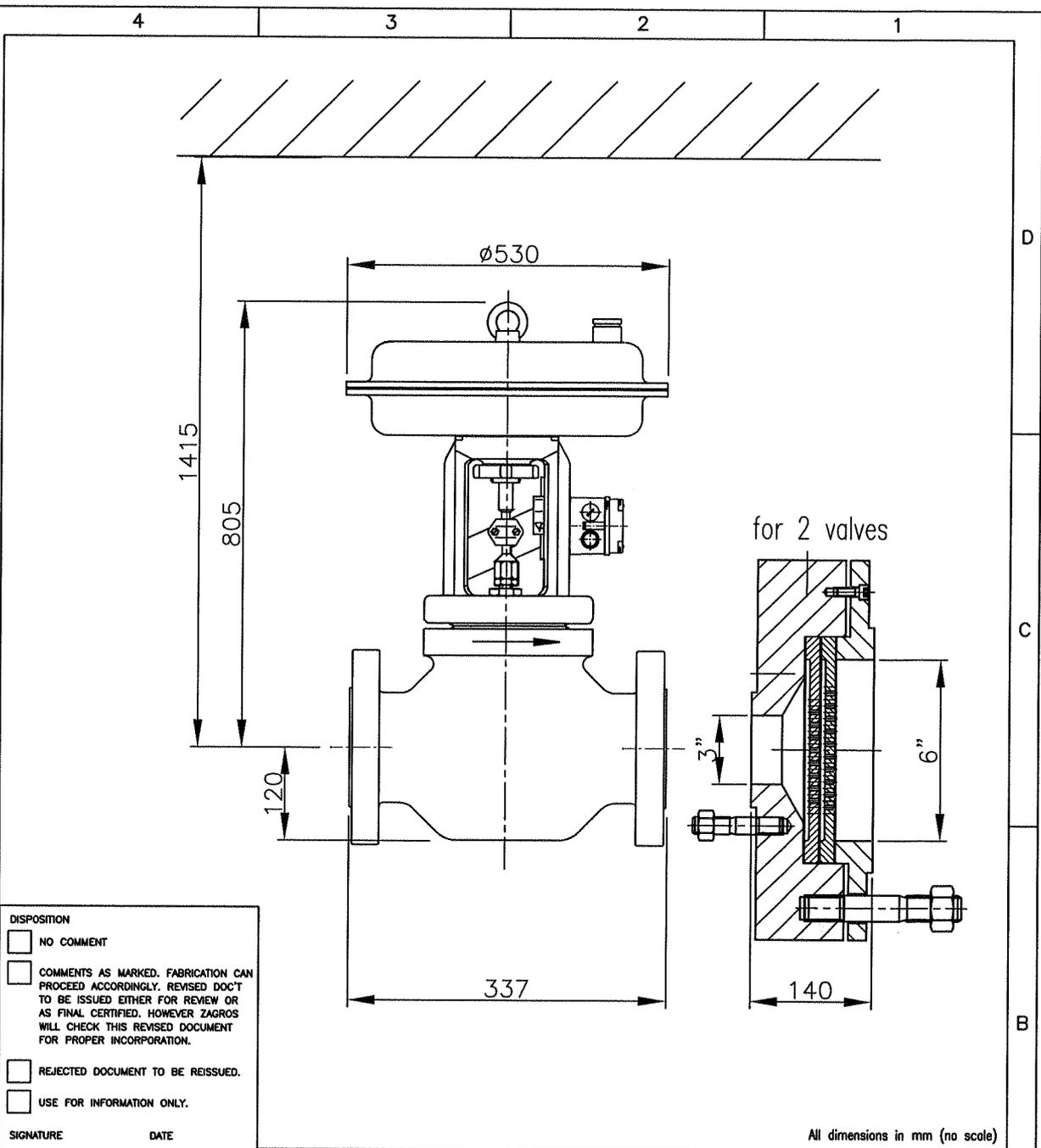
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engineering
Lurgi

TITLE : Pneumatic control valve

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

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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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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

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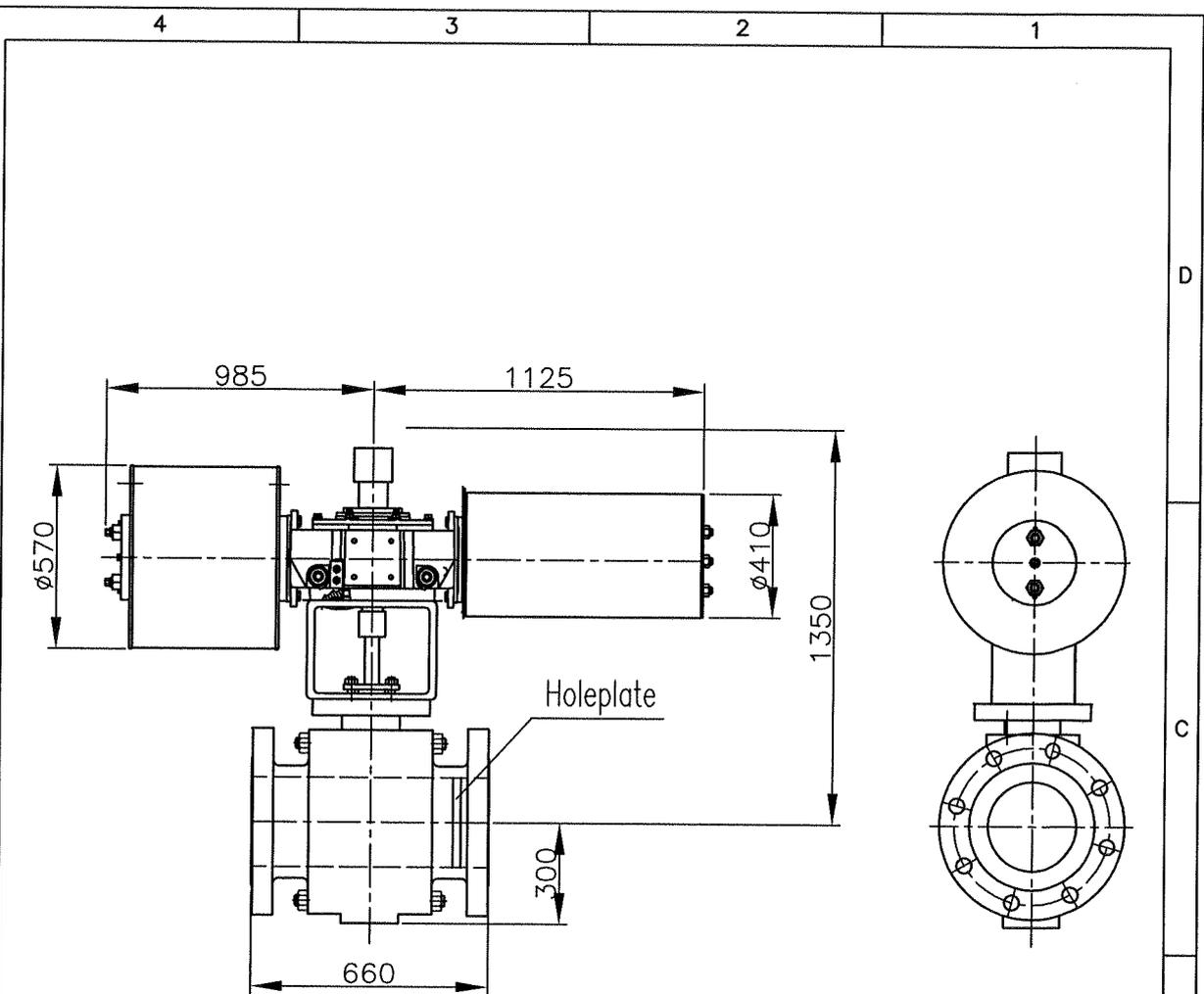
engineering Lurgi

TITLE : Pneumatic control valve

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

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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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 Valkenauferstrasse 3
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OWNER : NATIONAL PETROCHEMICAL COMPANY
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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 0
SHT :	PIDEC PROJ. NO. 1182		

All dimensions in mm (no scale)

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DISPOSITION

NO COMMENT

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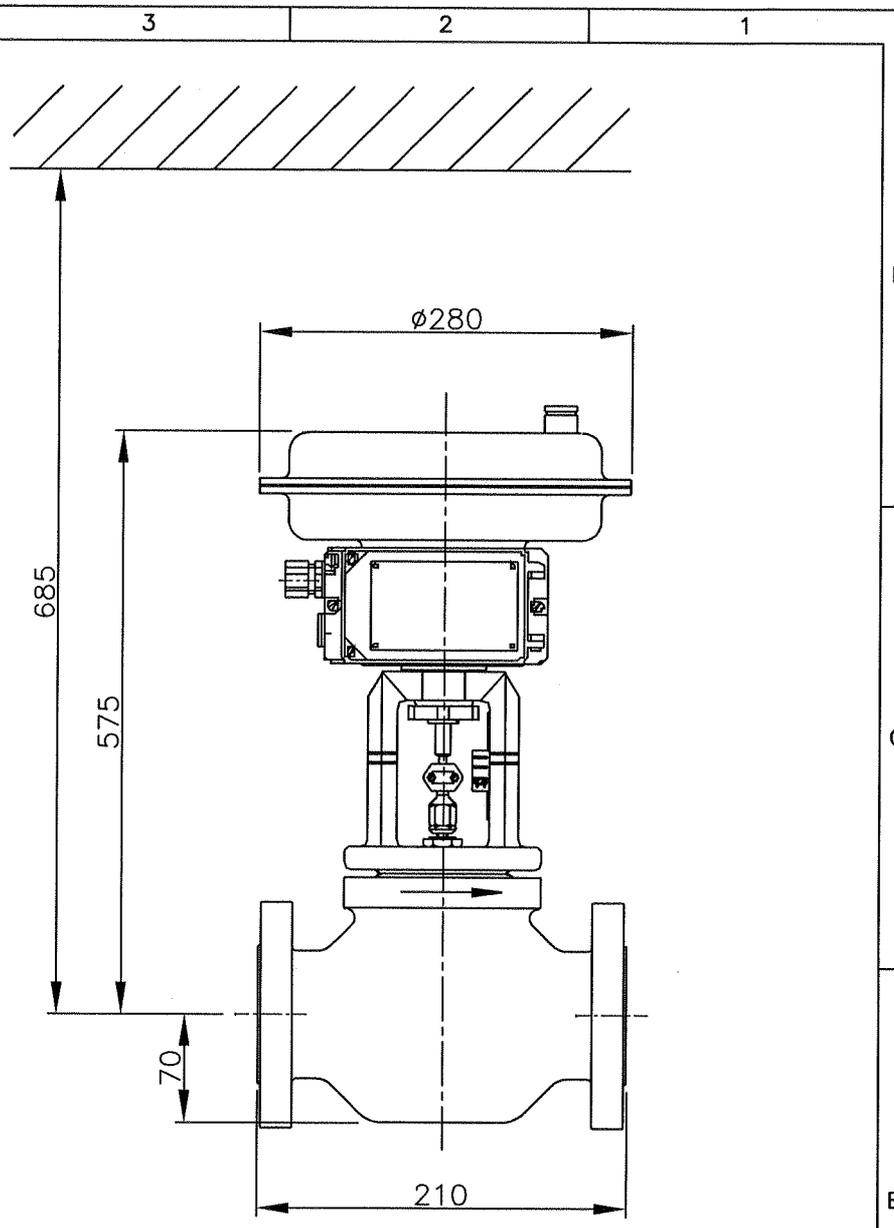
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type:	3251
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

 **SAMSON AG**
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Wiesenerstrasse 3
D-400314 Frankfurt am Main
Phone: +49 69 40 09-0
Fax: +49 69 40 09-1791
Internet: http://www.samson.de



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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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:	PTIDEC PROJ. NO. 1182		

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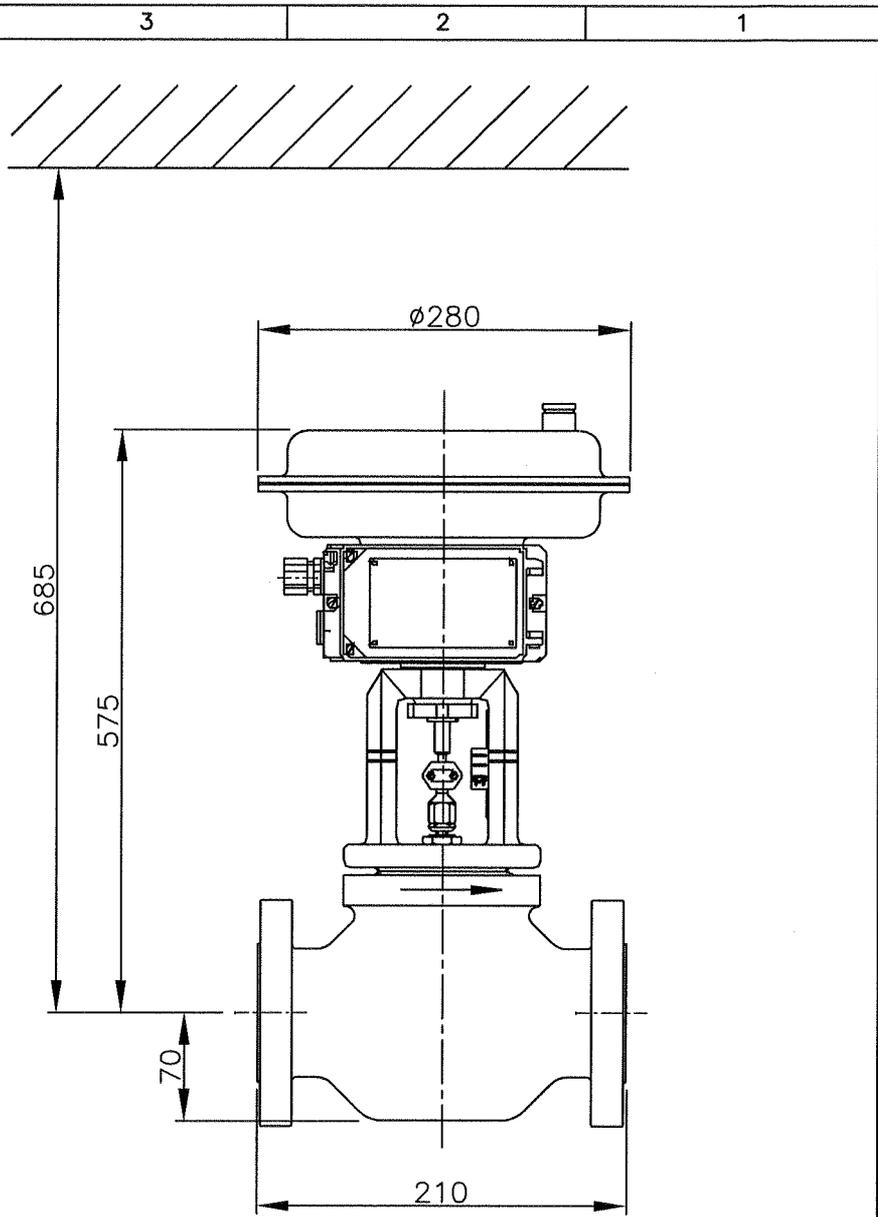
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

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-101502B

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

VENDOR DOC. NO. _____



All dimensions in mm (no scale)

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1					
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REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER : NATIONAL PETROCHEMICAL COMPANY
 ZAGROS PETROCHEMICAL COMPLEX
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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 0
SHT :	PIDEC PROJ. NO. 1182		

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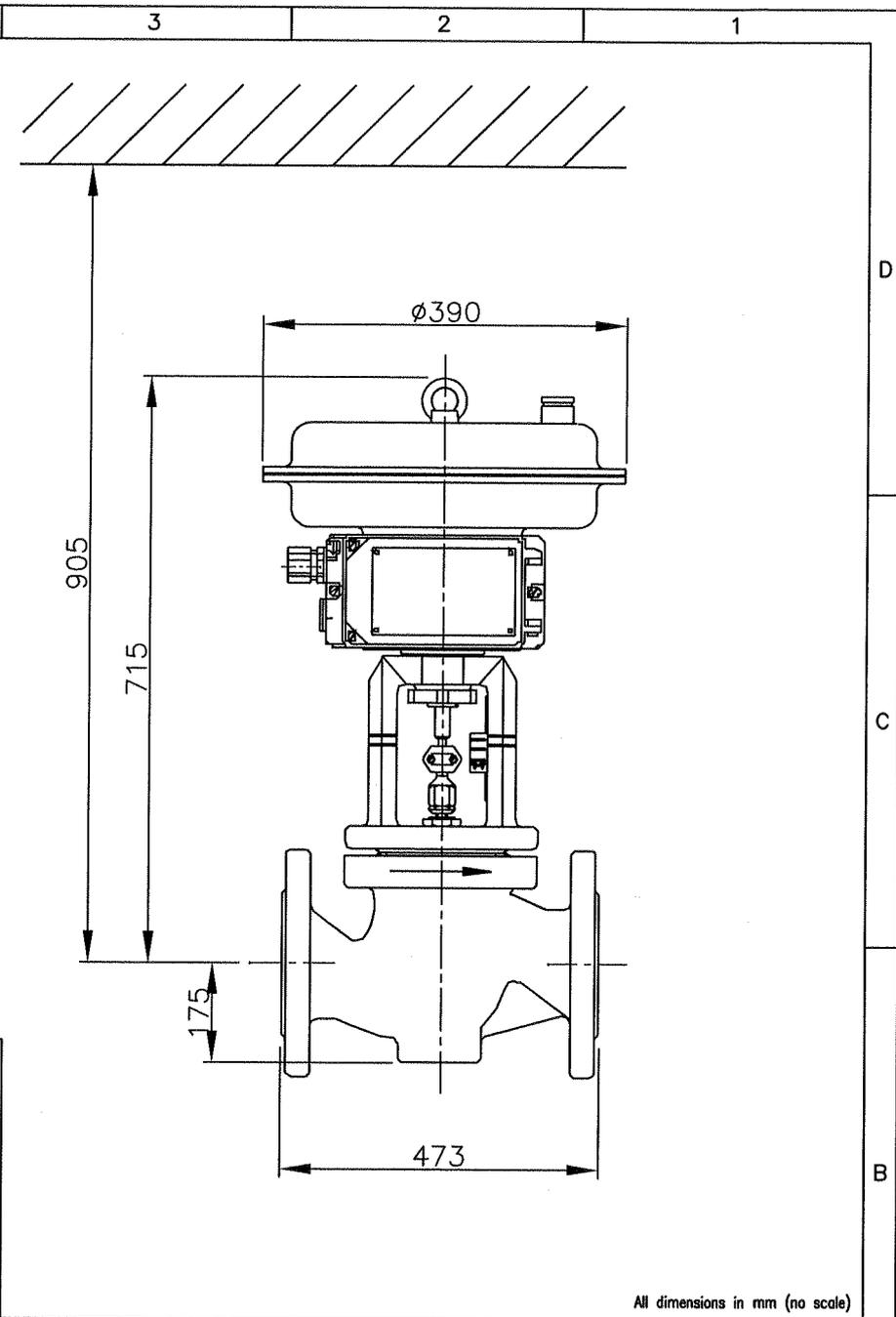
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Valve Type:	3241 with flowdivider I
Valve Style:	Globe
Valve Size:	6 inch
Pressure Rating:	Class 300
Flange Form:	RF-SF
Actuator Type:	3277
Actuator Size:	700
Weight (kg):	148

616 100
Vendor Order Reference
Tag No.: PV-150101



All dimensions in mm (no scale)

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OWNER : NATIONAL PETROCHEMICAL COMPANY
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 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 : 1/10	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT : 1	PIDEC PROJ. NO. 1182		

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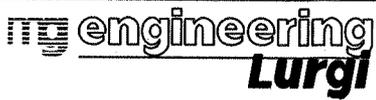
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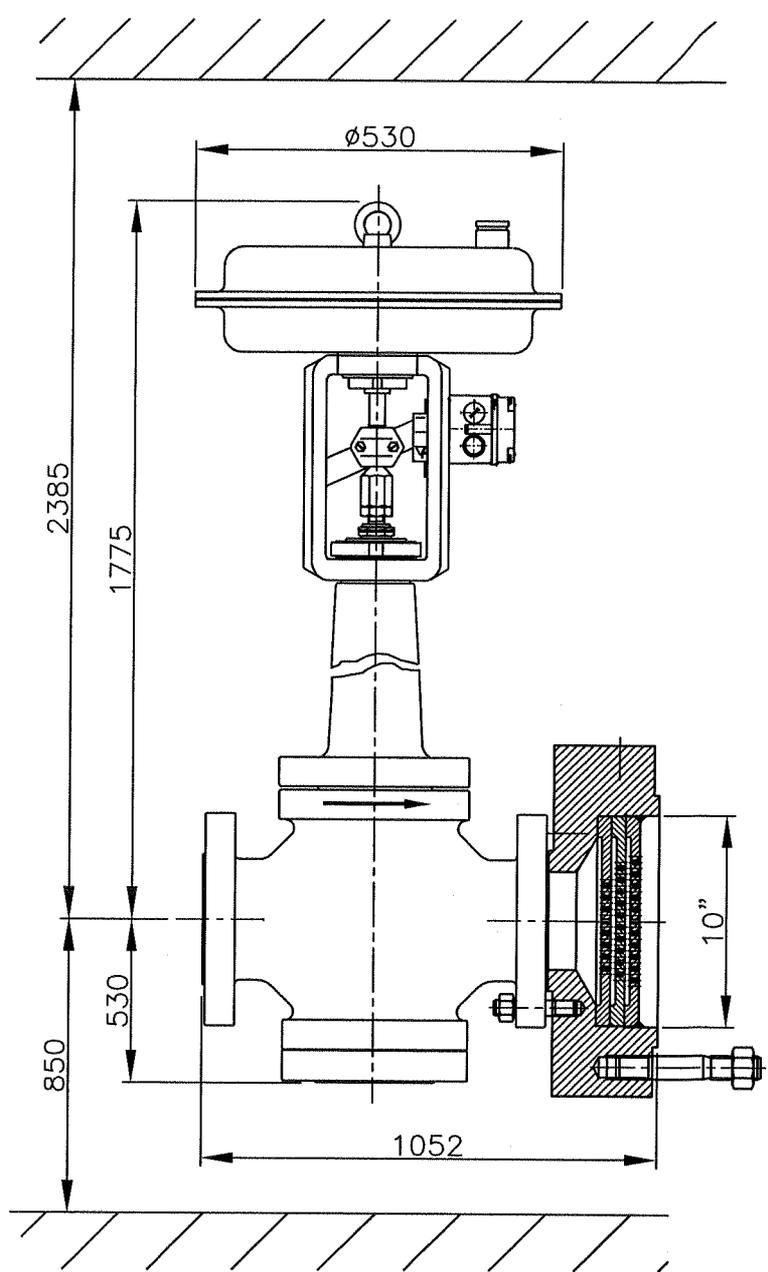
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

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

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



All dimensions in mm (no scale)

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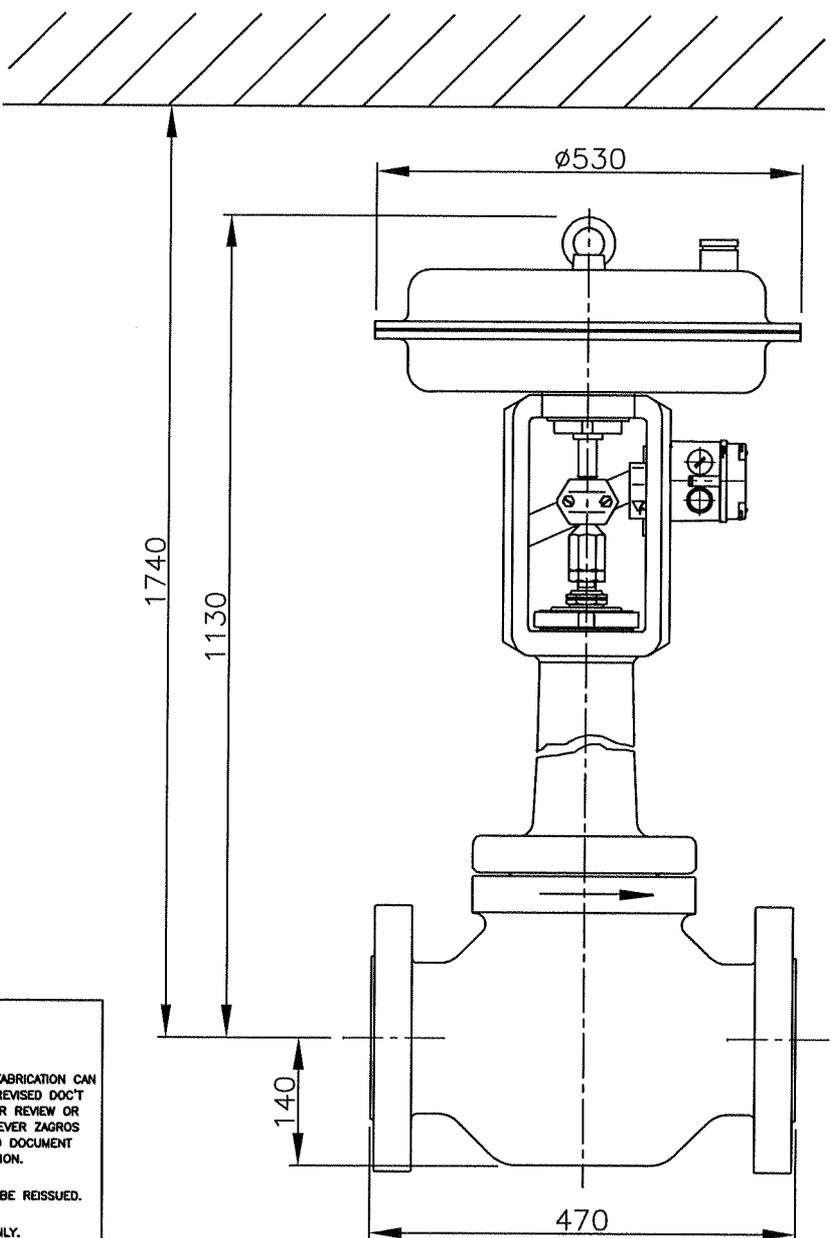
Valve Type:	3251/insul. with flowd. III
Valve Style:	Globe
Valve Size:	3 inch
Pressure Rating:	Class 1500
Flange Form:	RF-SF
Actuator Type:	3271
Actuator Size:	1400
Weight (kg):	251

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



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Waldmühlentrasse 3
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VENDOR DOC. NO.



All dimensions in mm (no scale)

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OWNER : NATIONAL PETROCHEMICAL COMPANY
ZAGROS PETROCHEMICAL COMPLEX
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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.	REV 0
SHT : 1	PIDECE PROJ. NO. 1182		

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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



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ZAGROS PETROCHEMICAL COMPLEX
شرکت پتروشیمی زاگرس

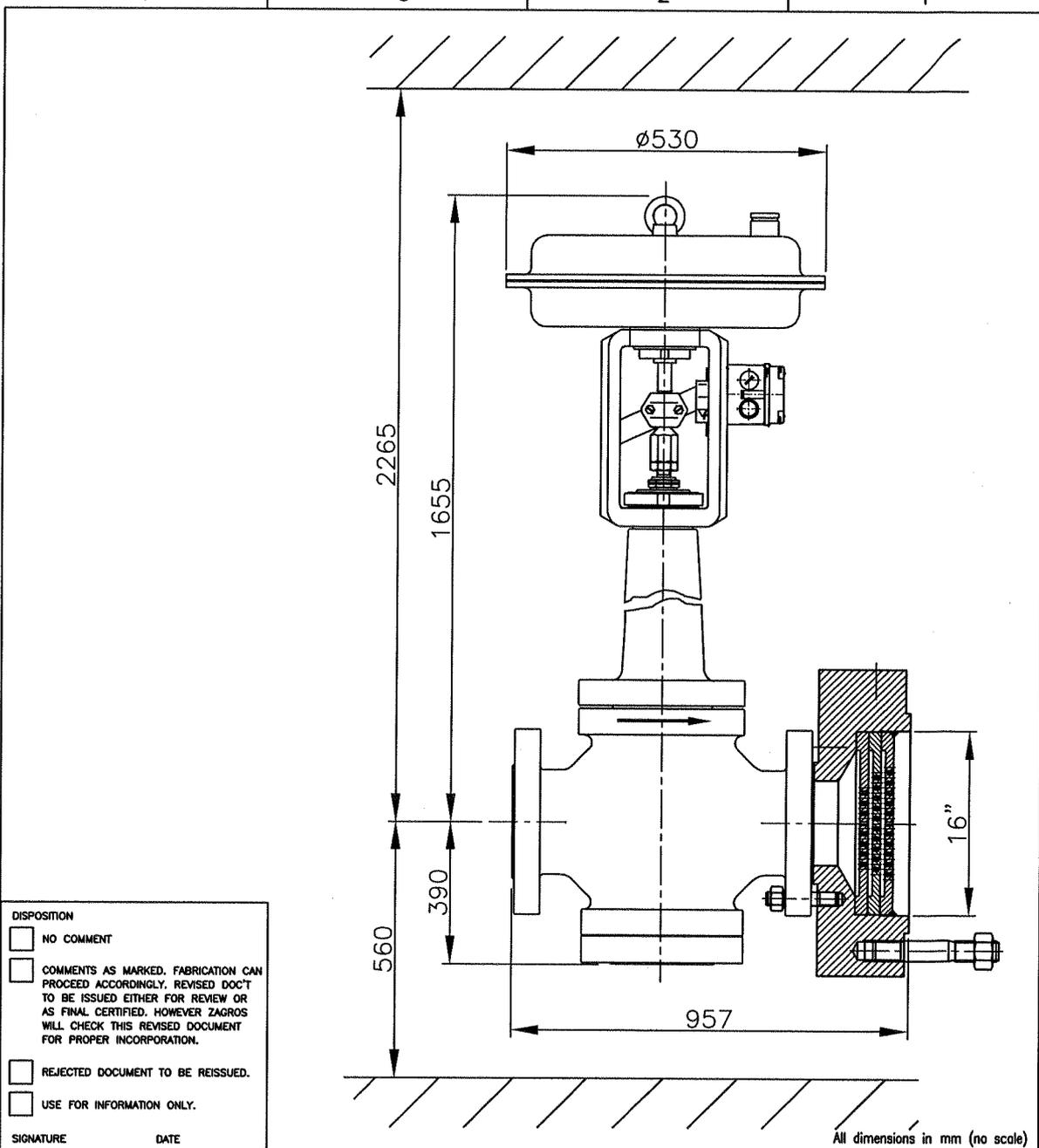
PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



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



TITLE : Pneumatic control valve			
SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SRT :	PIDEC PROJ. NO. 1182		



All dimensions in mm (no scale)

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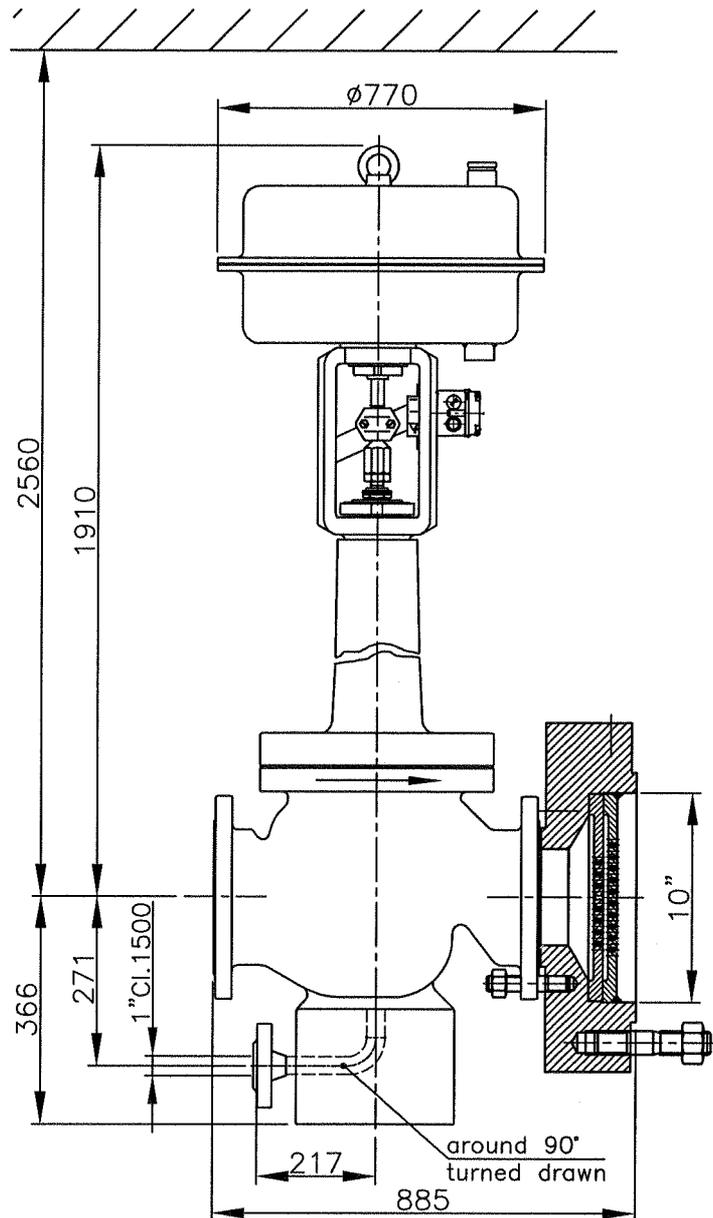
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Valve Type:	3251/insul. with flowd. I
Valve Style:	Globe
Valve Size:	6 inch
Pressure Rating:	Class 1500
Flange Form:	RF-SF
Actuator Type:	3271
Actuator Size:	2800
Weight (kg):	1466

616 100
Vendor Order Reference
Tag No.: PV-150611



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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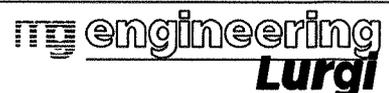


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ZAGROS PETROCHEMICAL COMPLEX
شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



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



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:	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 Regaltechnik
Werkmeisterstrasse 3
D-65034 Frankfurt am Main
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NATIONAL PETROCHEMICAL COMPANY
ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

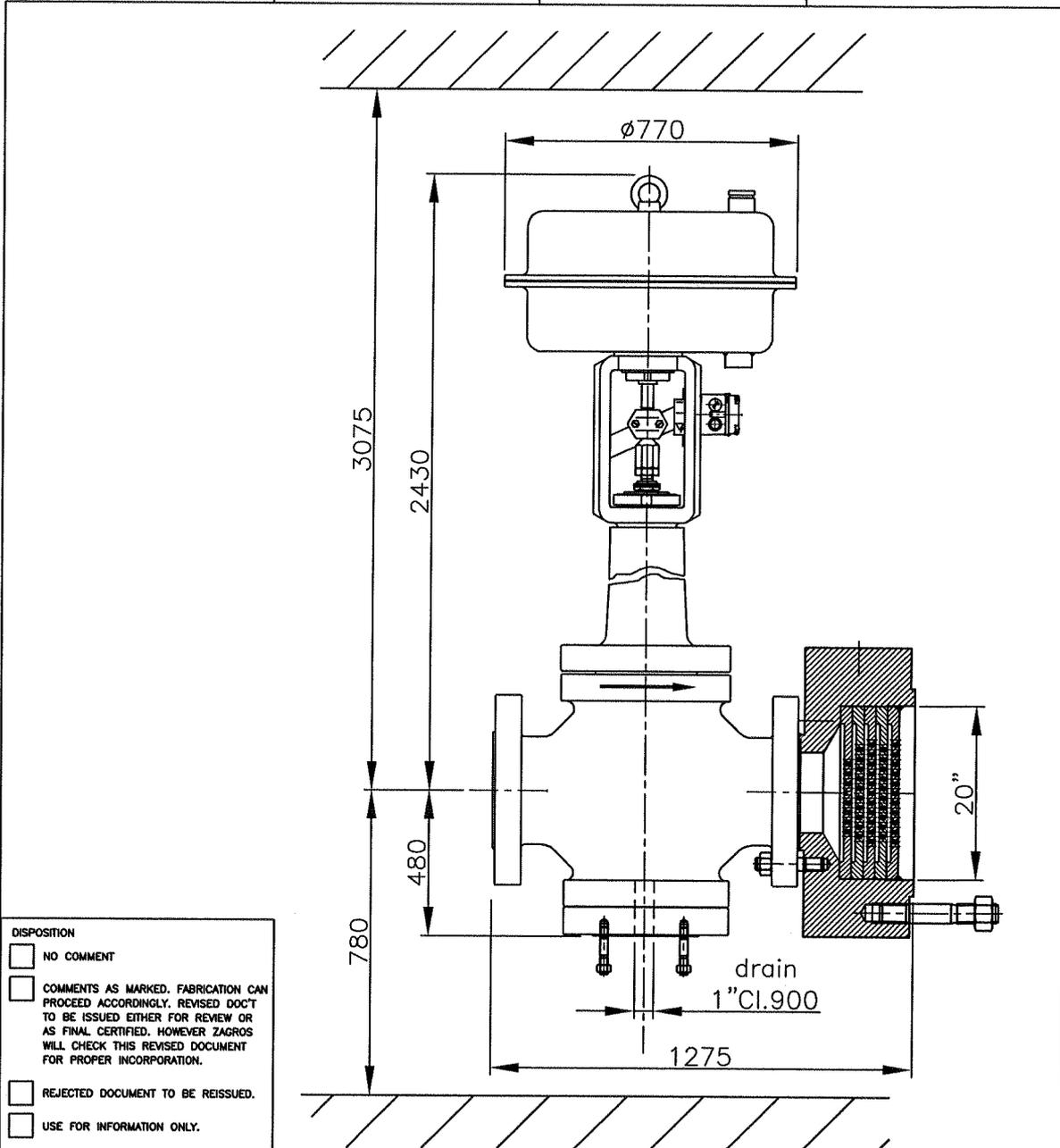


PETROCHEMICAL INDUSTRIES
DESIGN & ENGINEERING COMPANY
شرکت طراحی و مهندسی صنایع پتروشیمی

engineering
Lurgi

TITLE : Pneumatic control valve

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



All dimensions in mm (no scale)

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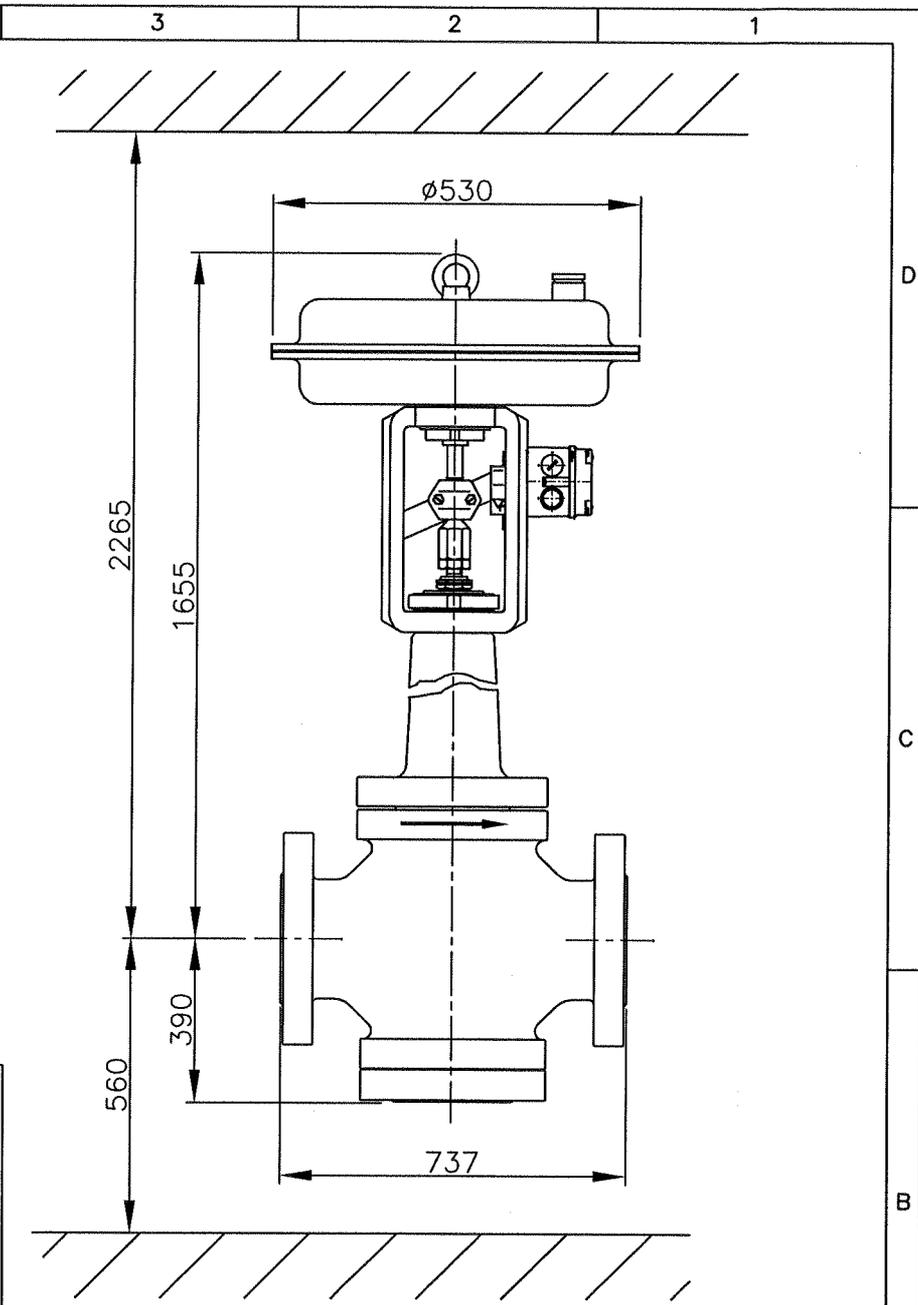
Valve Type:	3254/insul. with flowd. I
Valve Style:	Globe
Valve Size:	8 inch
Pressure Rating:	Class 900
Flange Form:	RF-SF
Actuator Type:	3271
Actuator Size:	1400
Weight (kg):	872

616 100
Vendor Order Reference

Tag No.: PV-150635A



SAMSON AG
Mess- und Regeltechnik
Welmühlstrasse 3
D-40314 Frankfurt am Main
Phone: +49 69 40 09-0
Fax: +49 69 40 09-1781
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All dimensions in mm (no scale)

REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
3					
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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



TITLE : Pneumatic control valve

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

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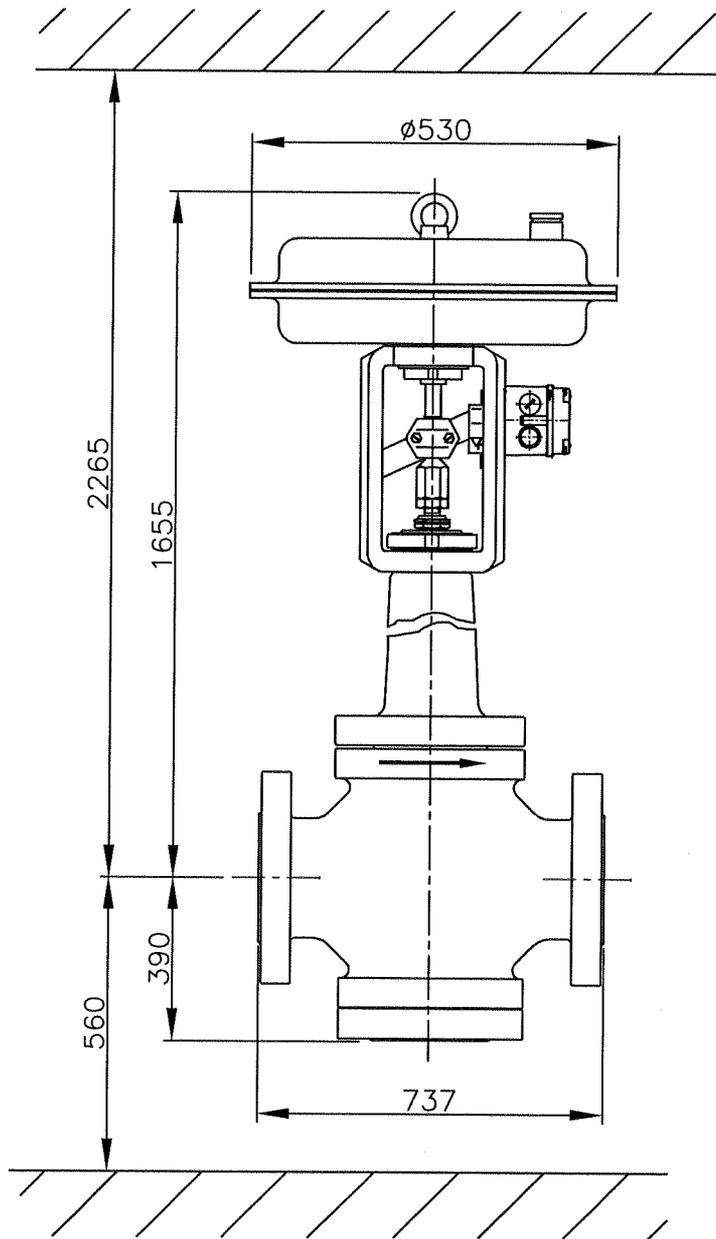
Valve Type:	3254/insul. with flowd. I
Valve Style:	Globe
Valve Size:	8 inch
Pressure Rating:	Class 900
Flange Form:	RF-SF
Actuator Type:	3271
Actuator Size:	1400
Weight (kg):	872

616 100
Vendor Order Reference

Tag No.: PV-150635B



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



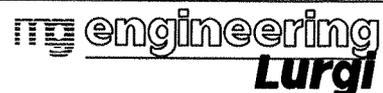
OWNER : NATIONAL PETROCHEMICAL COMPANY
ZAGROS PETROCHEMICAL COMPLEX

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 0
SHT :	PIDEDEC PROJ. NO. 1182		

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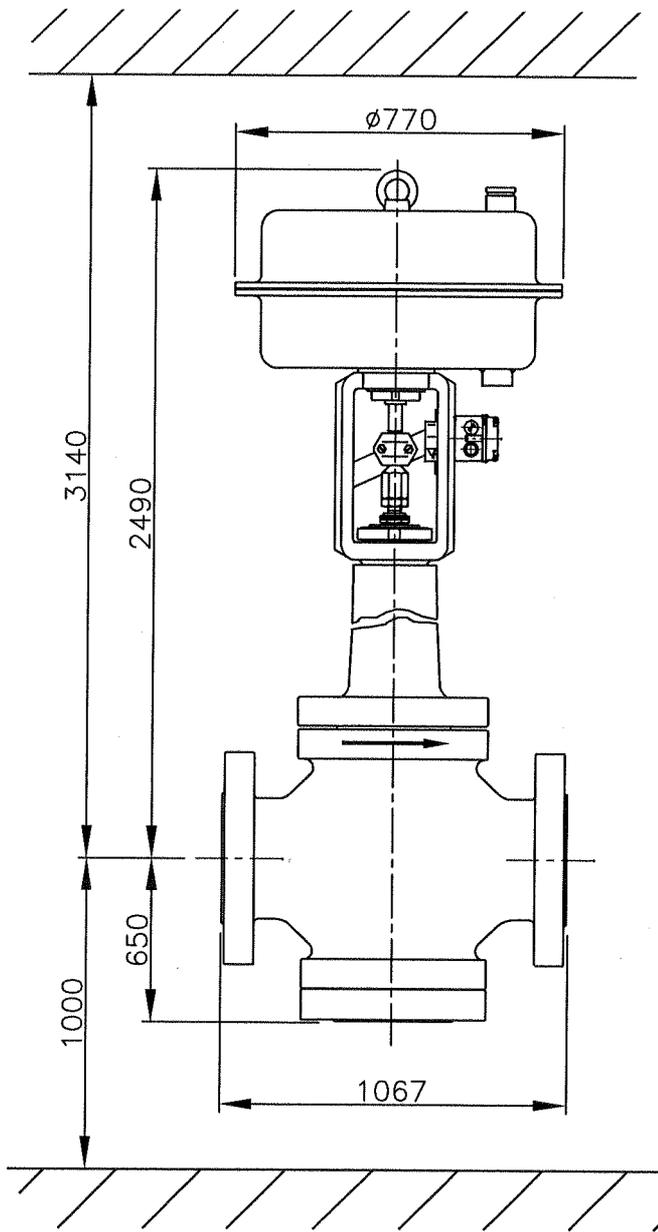
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type:	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**
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 Valeriusstrasse 3
 D-80314 Frankfurt am Main
 Phone: +49 89 40 09-0
 Fax: +49 89 40 09-1791
 Internet: http://www.samson.de

VENDOR DDC 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



TITLE : Pneumatic control valve

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

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DISPOSITION

NO COMMENT

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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
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Welschmühlstrasse 3
D-60314 Frankfurt am Main
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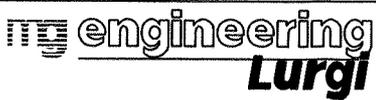
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
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OWNER : NATIONAL PETROCHEMICAL COMPANY
ZAGROS PETROCHEMICAL COMPLEX
شرکت پتروشیمی زاگرس

PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

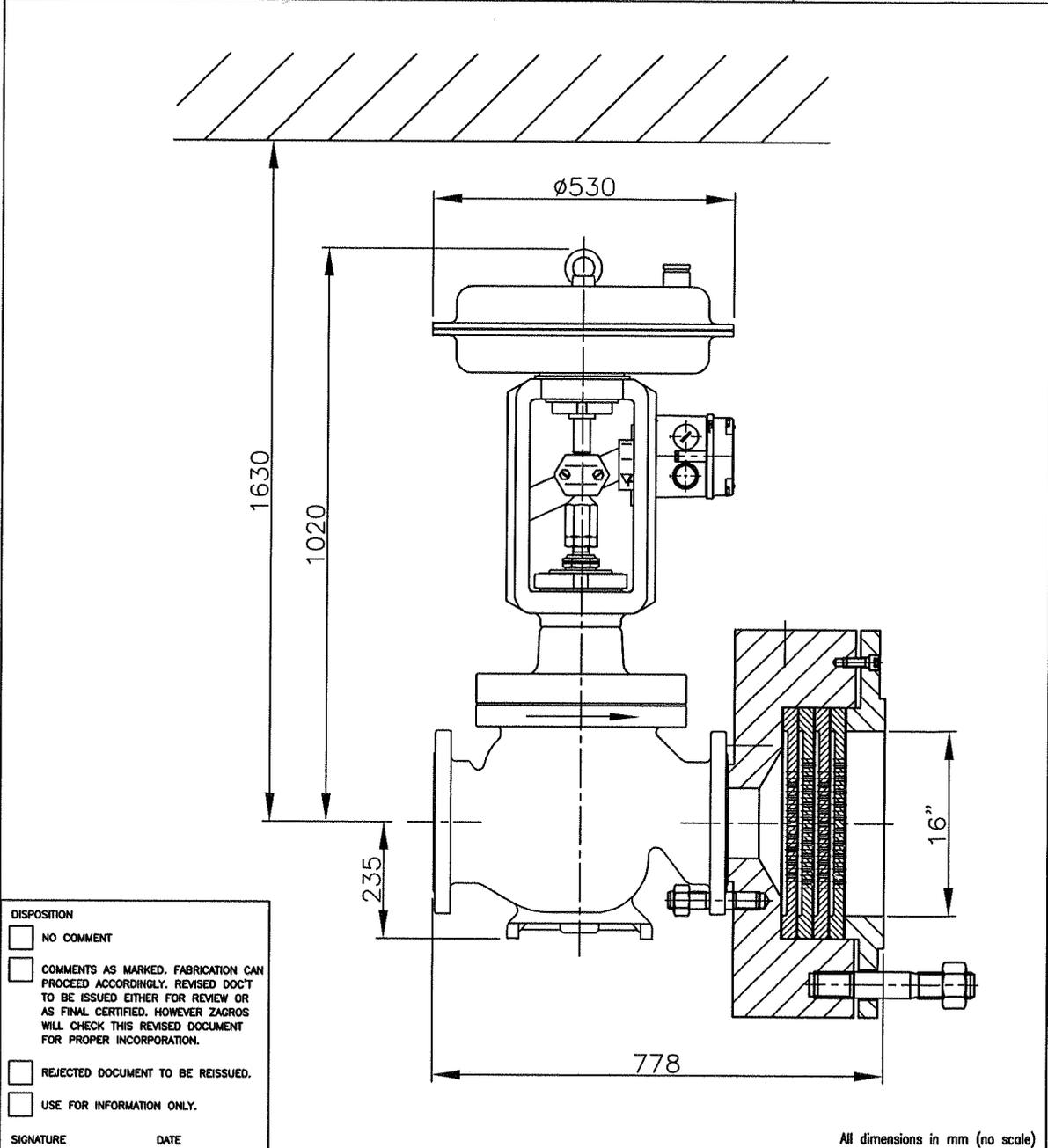


PETROCHEMICAL INDUSTRIES
DESIGN & ENGINEERING COMPANY
شرکت طراحی و مهندسی صنایع پتروشیمی



TITLE : Pneumatic control valve

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



All dimensions in mm (no scale)

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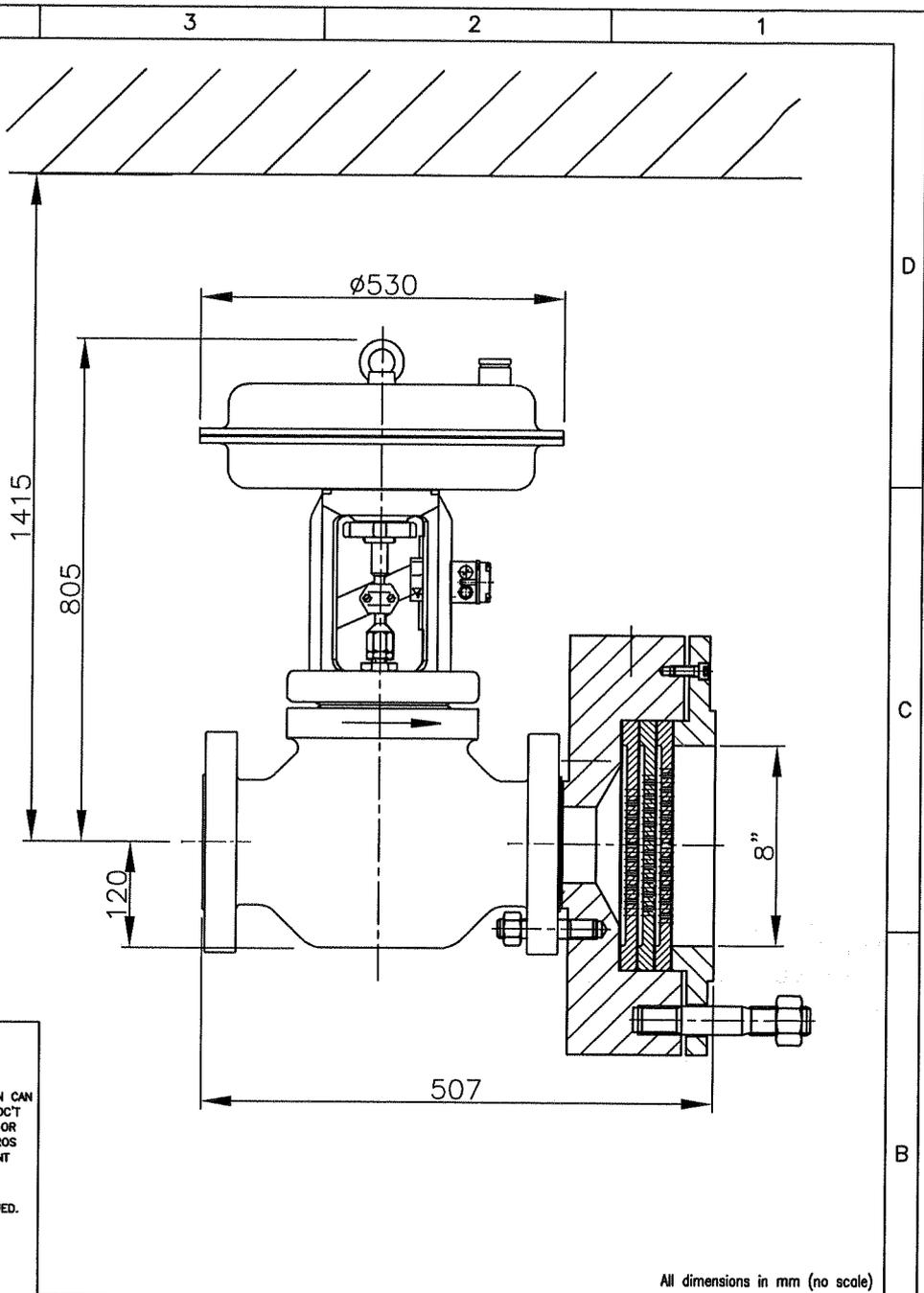
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type:	3251 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



VENDOR DOC. NO.



All dimensions in mm (no scale)

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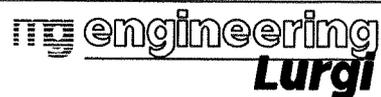
OWNER : NATIONAL PETROCHEMICAL COMPANY
ZAGROS PETROCHEMICAL COMPLEX

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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



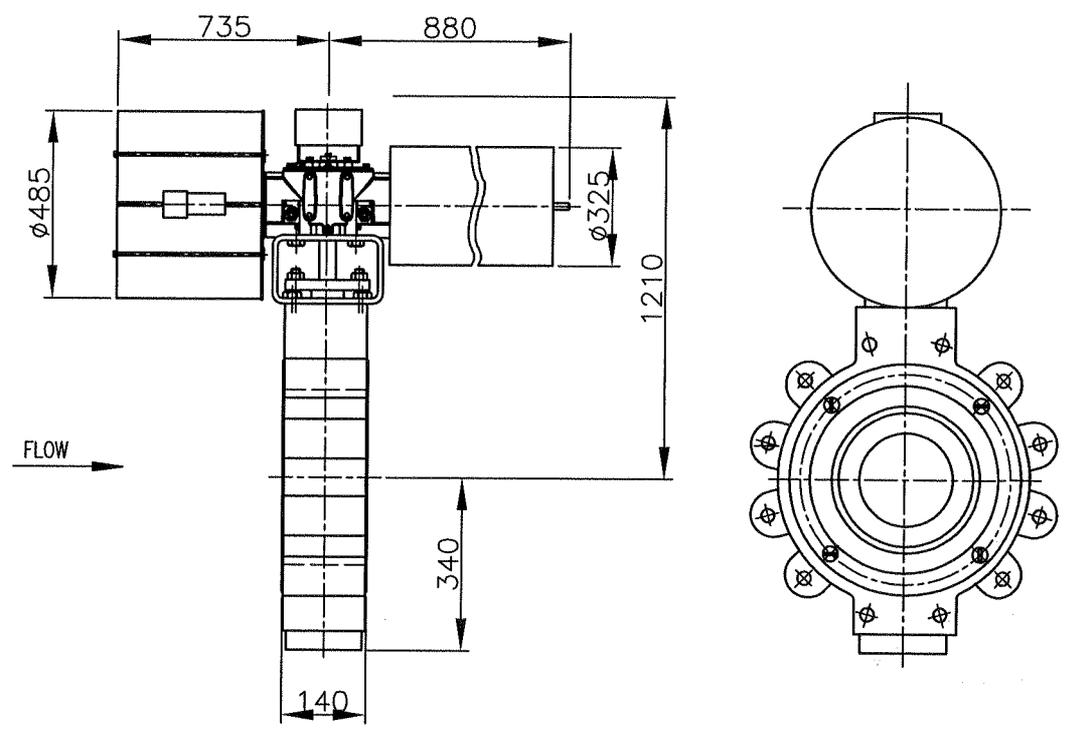
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY
شرکت طراحی و مهندسی صنایع پتروشیمی



TITLE : Pneumatic control valve

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

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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.: PV-200409

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

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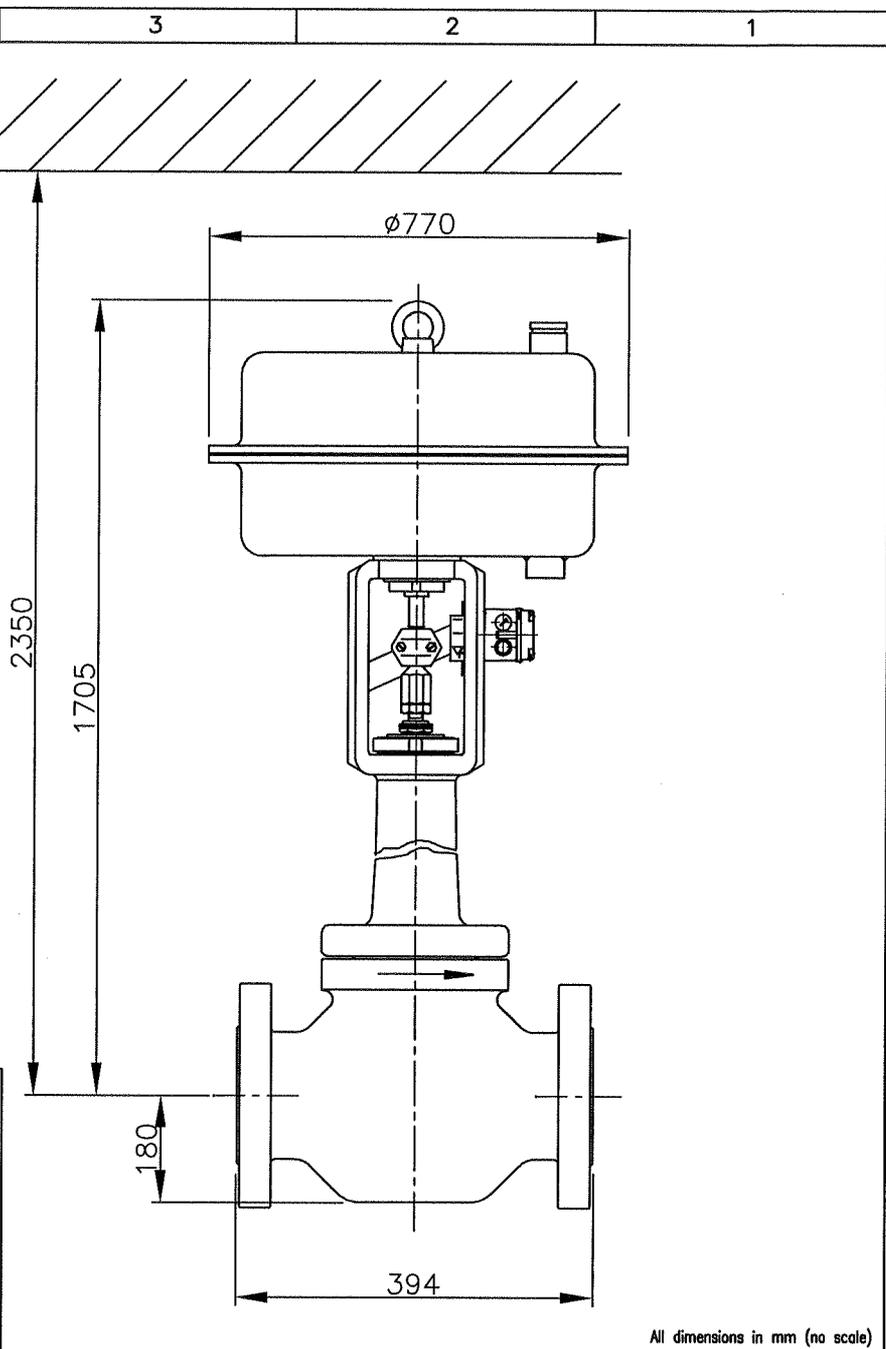
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Valve Type:	3251/bellows with flowd.lli
Valve Style:	Globe
Valve Size:	4 inch
Pressure Rating:	Class 600
Flange Form:	RF-SF
Actuator Type:	3271
Actuator Size:	2800
Weight (kg):	608

616 100
Vendor Order Reference
Tag No.: PV-250102A

 **SAMSON AG**
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OWNER : NATIONAL PETROCHEMICAL COMPANY
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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

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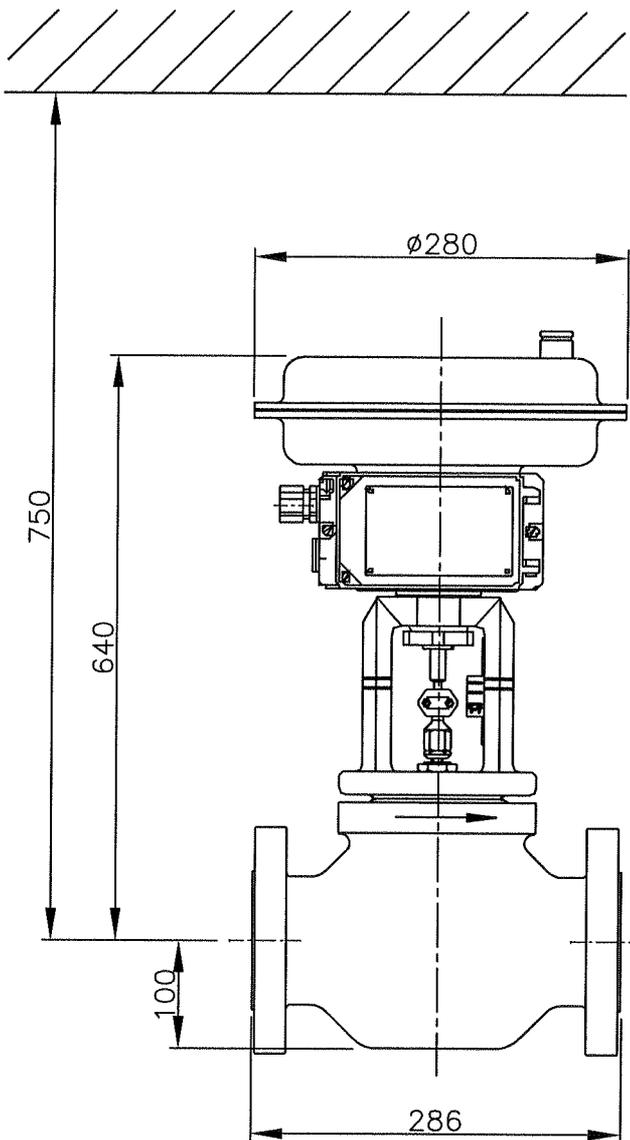
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type:	3251 with flowdivider III
Valve Style:	Globe
Valve Size:	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



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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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/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



SAMSON AG
Mess- und Regeltechnik
Wolfsgrabenstrasse 3
D-65031 Frankfurt am Main
Phone: +49 69 40 08-0
Fax: +49 69 40 08-1791
Internet: http://www.samson.de

VENDOR DOC. NO. _____

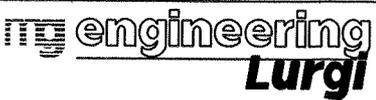
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
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OWNER : NATIONAL PETROCHEMICAL COMPANY
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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



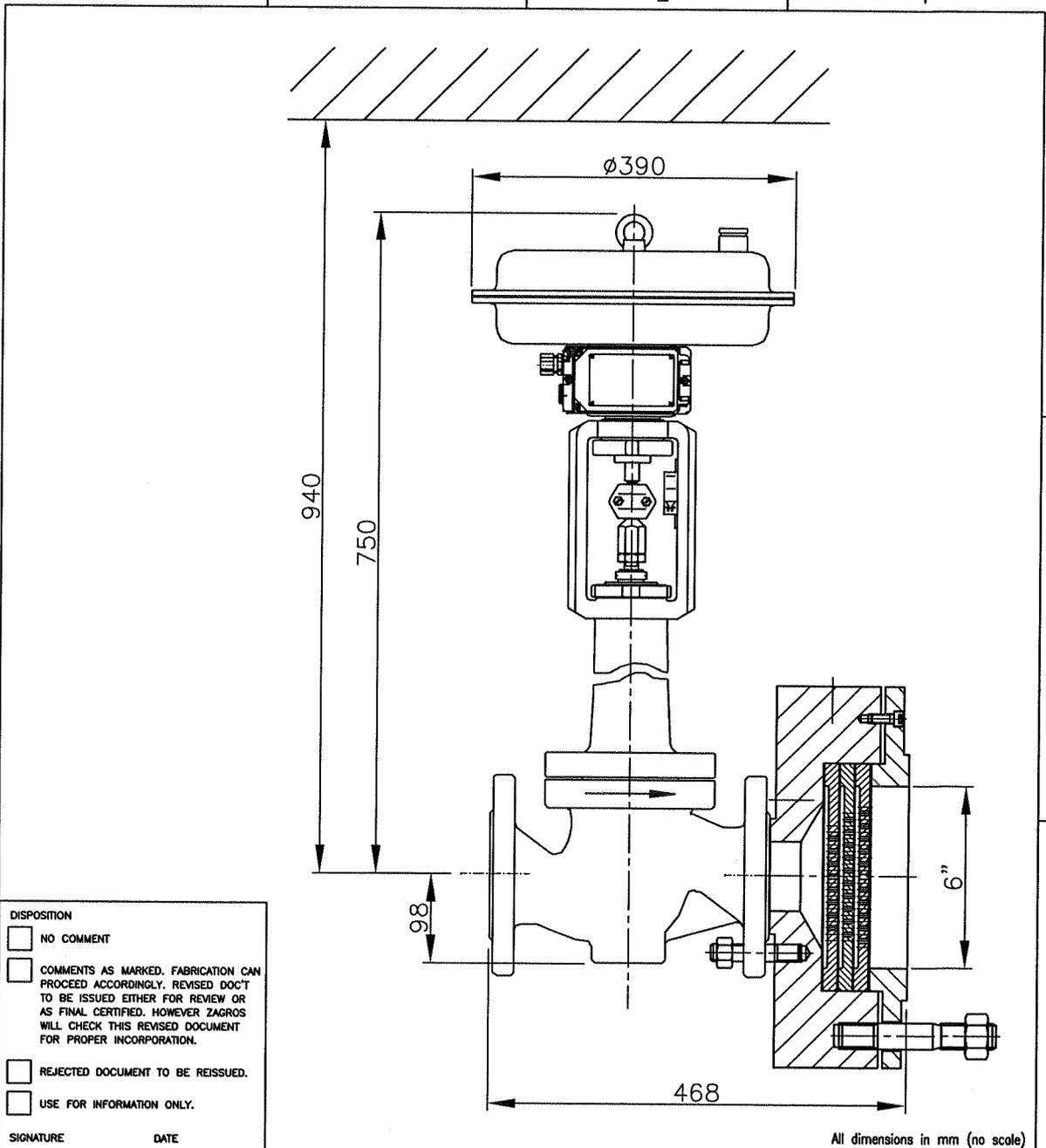
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DESIGN & ENGINEERING COMPANY
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engineering
Lurgi

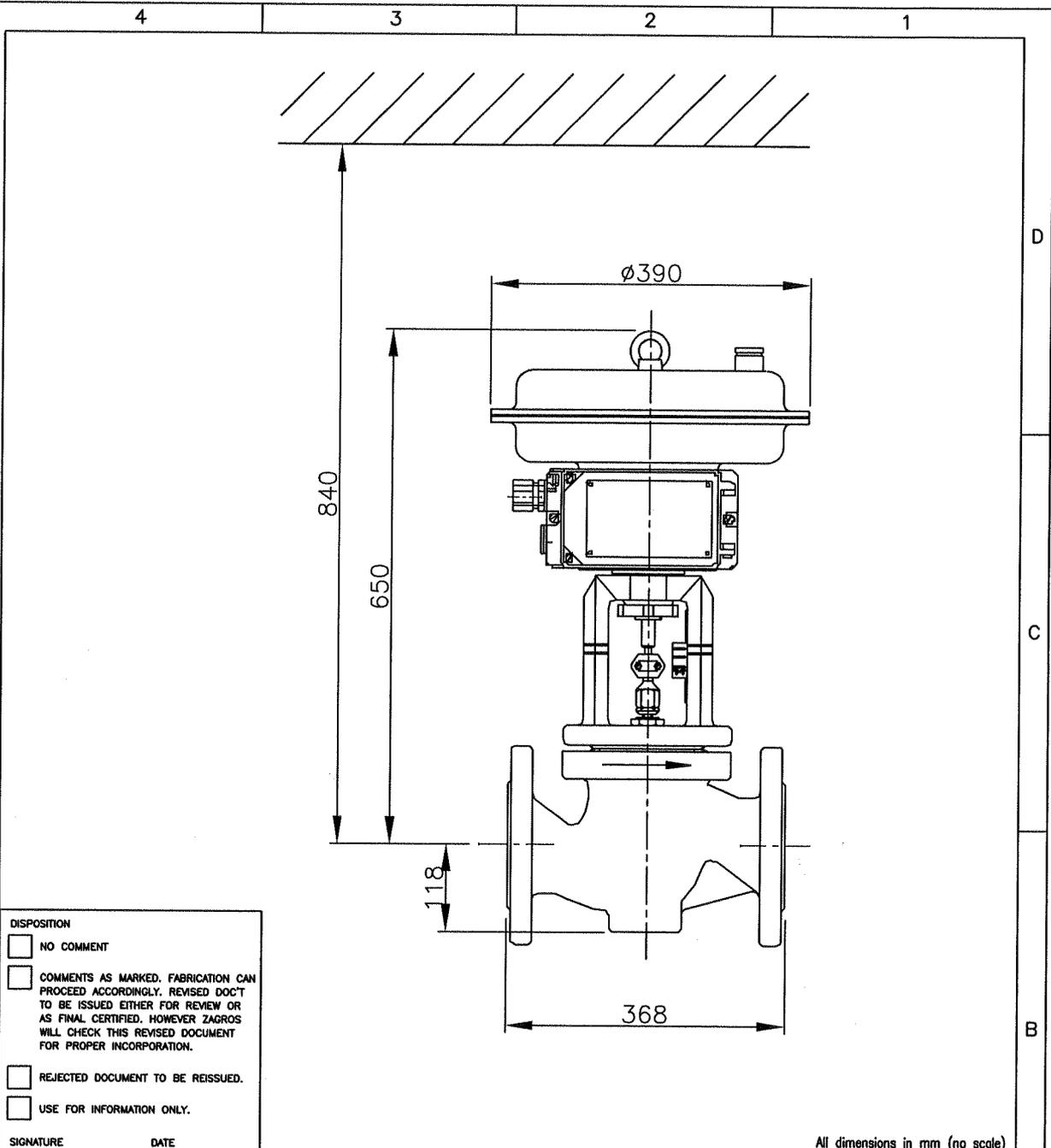
TITLE : Pneumatic control valve

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



All dimensions in mm (no scale)

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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.: PV-300101

 **SAMSON AG**
Mess- und Regeltechnik
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D-60314 Frankfurt am Main
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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

 PETROCHEMICAL INDUSTRIES
DESIGN & ENGINEERING COMPANY
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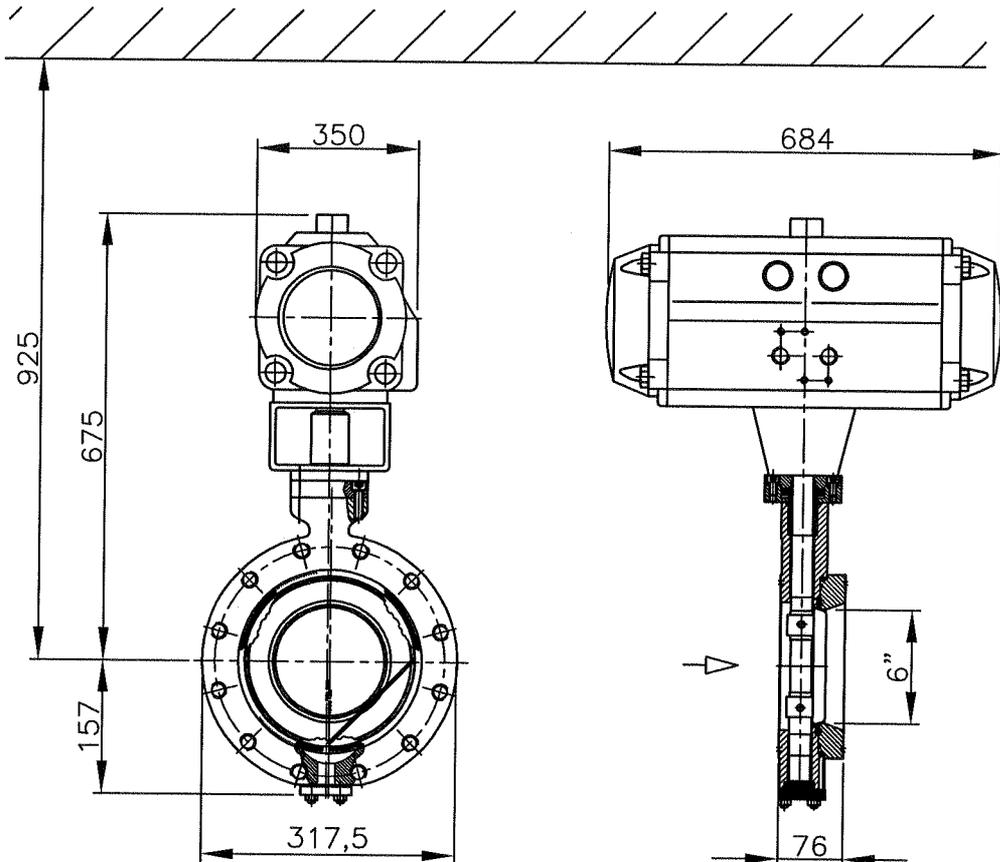


TITLE : Pneumatic control valve

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

All dimensions in mm (no scale)

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All dimensions in mm (no scale)

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

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0	2004-08-25	Issued for review	V12/mst	V12/ff	V12/di
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OWNER : NATIONAL PETROCHEMICAL COMPANY
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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

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

PIDEC PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY
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SAMSON AG
 Moos- und Regeltechnik
 WeberstraÙe 3
 D-60314 Frankfurt am Main
 Phone: +49 69 40 09-0
 Fax: +49 69 40 09-1791
 Internet: http://www.samson.de

TITLE : Pneumatic control valve

SCALE : 1/10	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :	PIDEC 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-300303B

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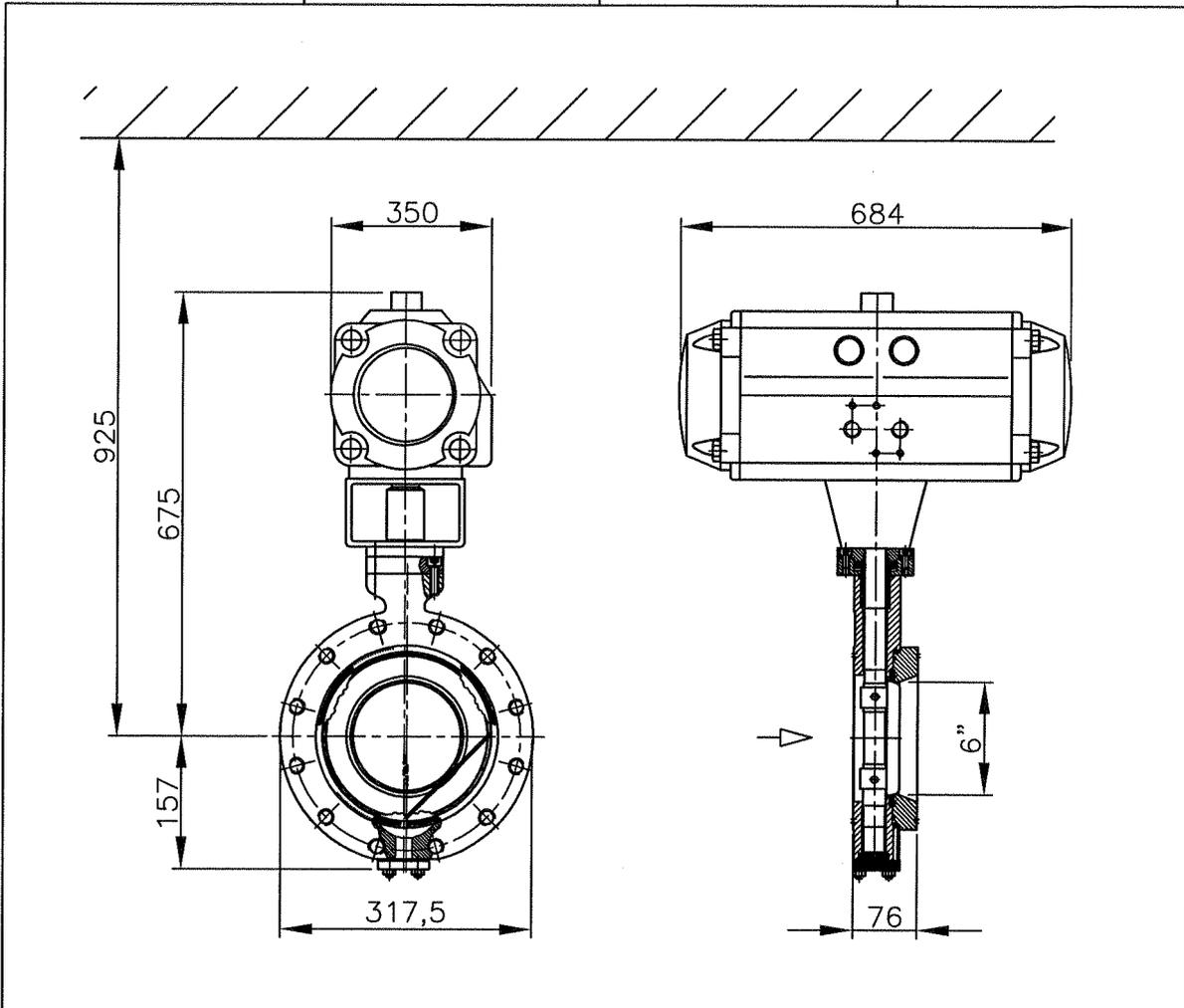
OWNER : NATIONAL PETROCHEMICAL COMPANY
 ZAGROS PETROCHEMICAL COMPLEX
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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

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



TITLE : Pneumatic control valve		SCALE : NO	ZPC PROJ. NO. 232000	DWG NO.	REV 0
SHT :		PIDEC PROJ. NO. 1182			



All dimensions in mm (no scale)

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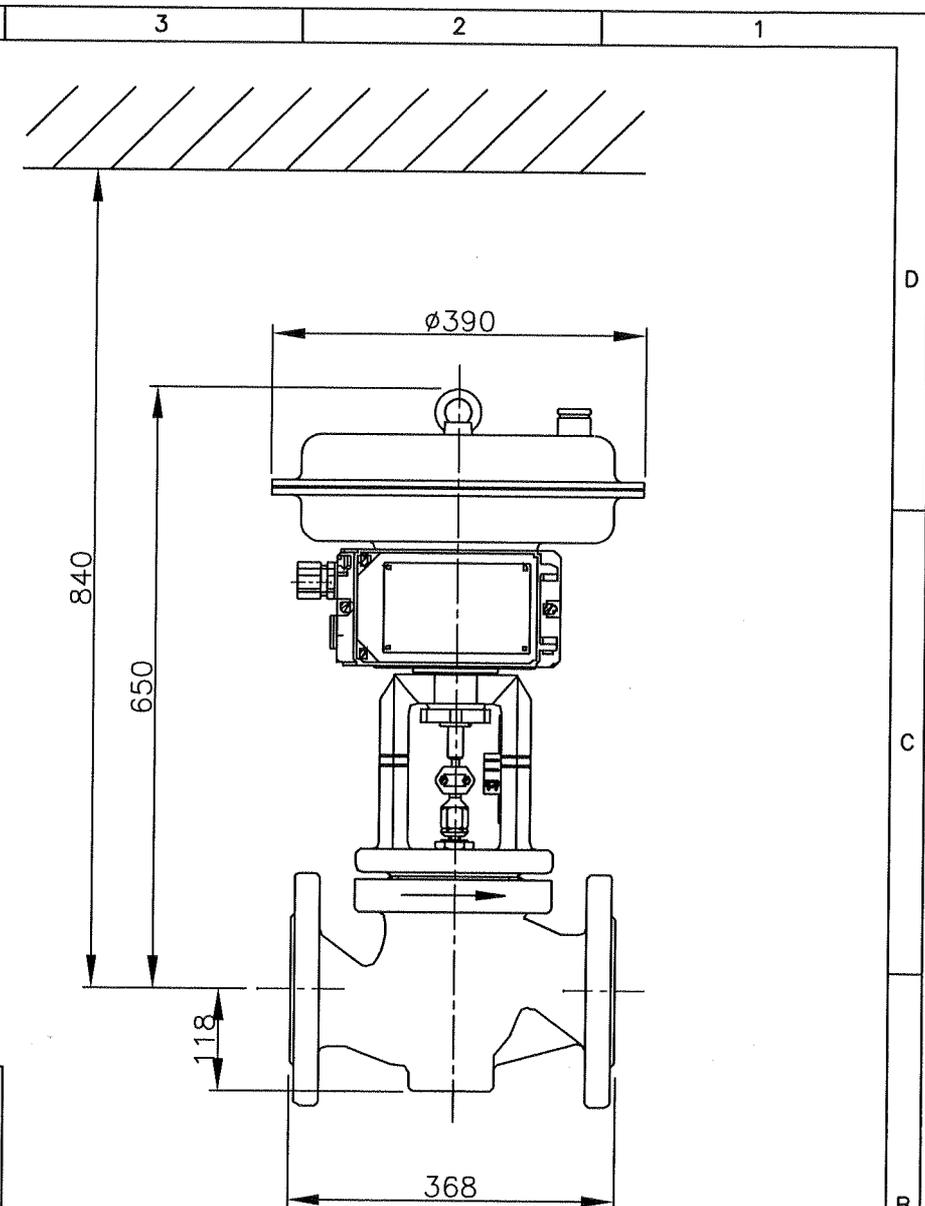
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

Valve Type: 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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 Fax: +49 69 40 08-1291
 Internet: <http://www.samson.de>

VENDOR
 DOC. NO.



All dimensions in mm (no scale)

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NATIONAL PETROCHEMICAL COMPANY
 ZAGROS PETROCHEMICAL COMPLEX

شرکت پتروشیمی زاگرس

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 DESIGN & ENGINEERING COMPANY
 شرکت طراحی و مهندسی صنایع پتروشیمی

engineering
Lurgi

TITLE :

Pneumatic control valve

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

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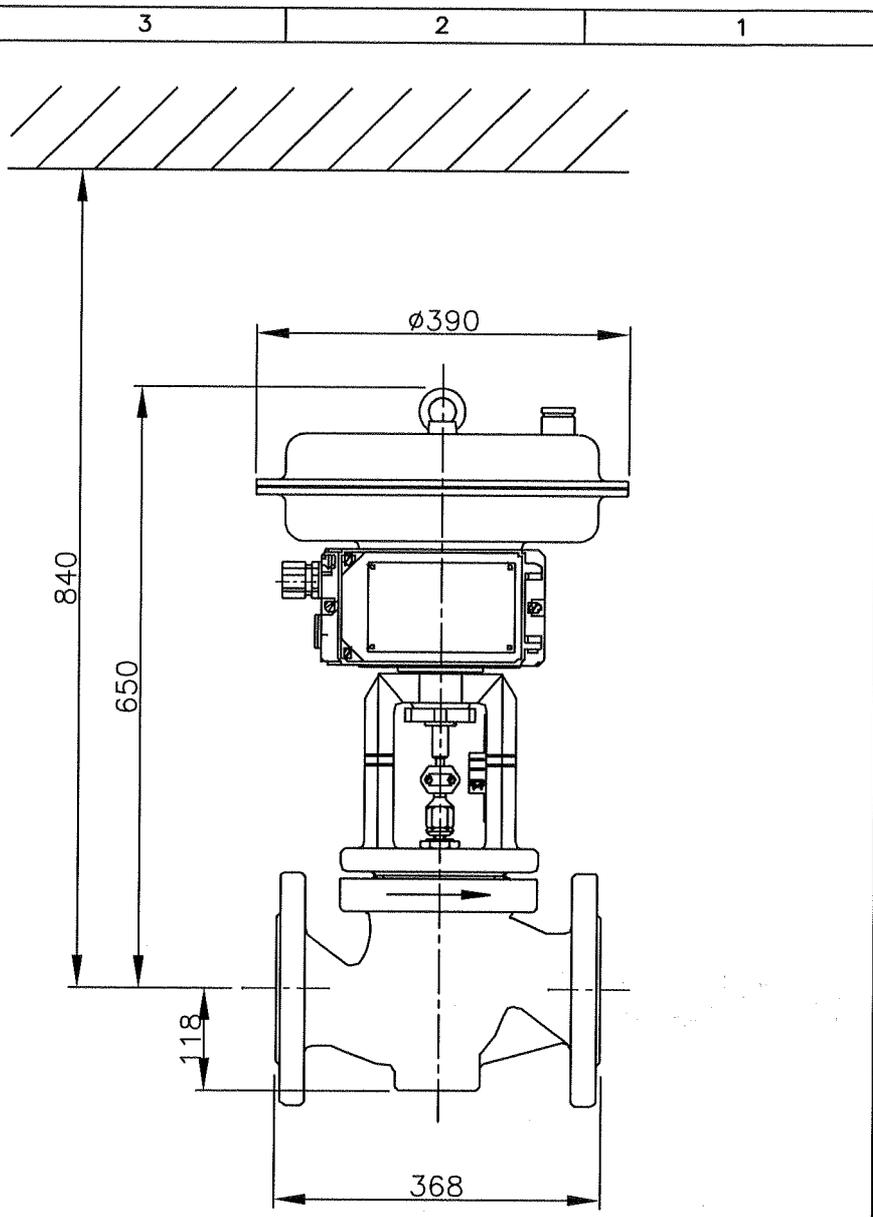
THIS REVIEW & COMMENTS DOES NOT ABSOLVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.

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
Vendor Order Reference
Tag No.: PV-300909A



SAMSON AG
Mess- und Regeltechnik
Weinmannstrasse 3
D-65034 Frankfurt am Main
Phone: +49 69 40 09-0
Fax: +49 69 40 09-1791
Internet: http://www.samson.de



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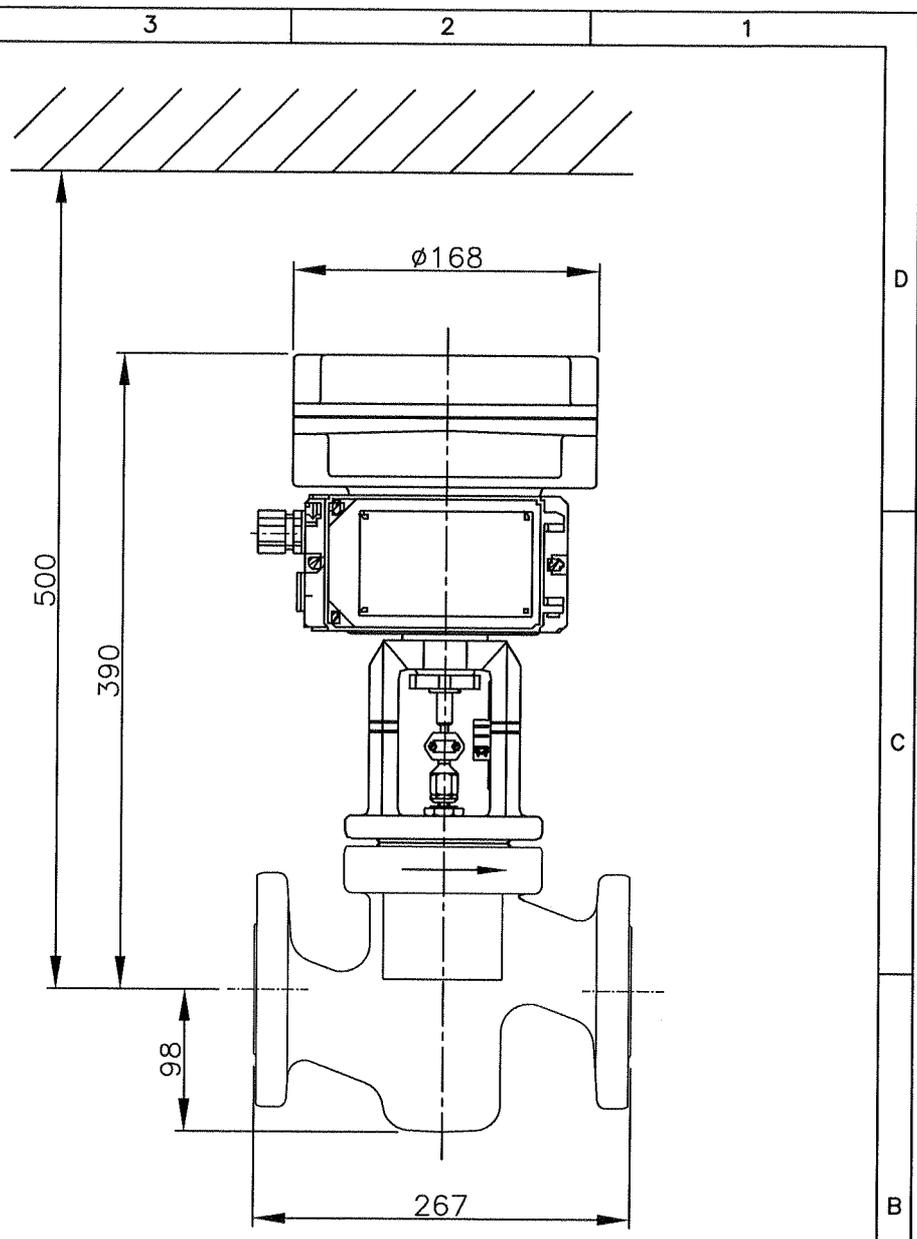
Valve Type:	3241
Valve Style:	Globe
Valve Size:	2 inch
Pressure Rating:	Class 300
Flange Form:	RF-SF
Actuator Type:	3277
Actuator Size:	120
Weight (kg):	20,5

616 100
Vendor Order Reference

Tag No.: PV-300909B



SAMSON AG
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Welmuehlenstrasse 3
D-60314 Frankfurt am Main
Phone: +49 69 40 09-0
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All dimensions in mm (no scale)

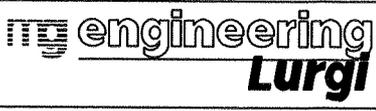
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0	2004-08-25	Issued for review	V12/mst	V12/lf	V12/di
REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

OWNER : NATIONAL PETROCHEMICAL COMPANY
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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT



PETROCHEMICAL INDUSTRIES
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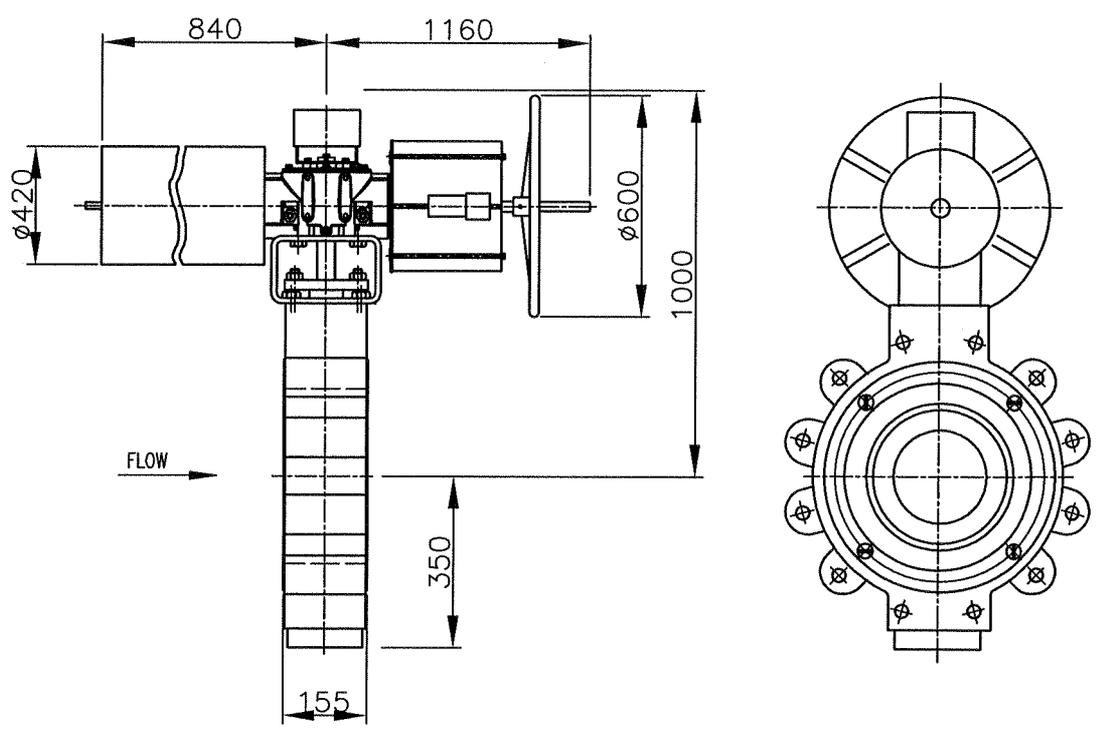


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TITLE : Pneumatic control valve

SCALE : □	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: 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
 Tag No.: TV-100904A

SAMSON AG
 Mess- und Regeltechnik
 Wöhlerstraße 3
 D-40314 Frankfurt am Main
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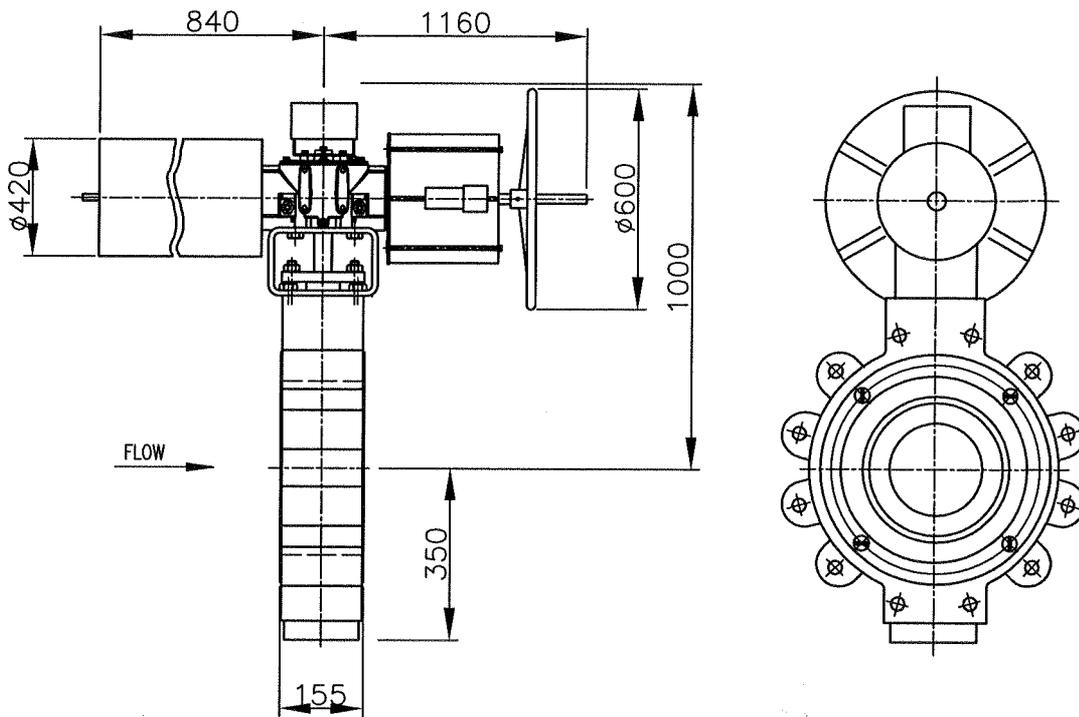
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TITLE: Pneumatic control valve

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

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Valve Type: 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
 Tag No.: TV-100904B

SAMSON AG
 Mess- und Regeltechnik
 Welsenerstrasse 3
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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

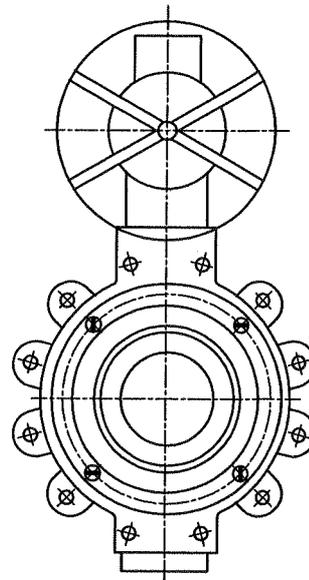
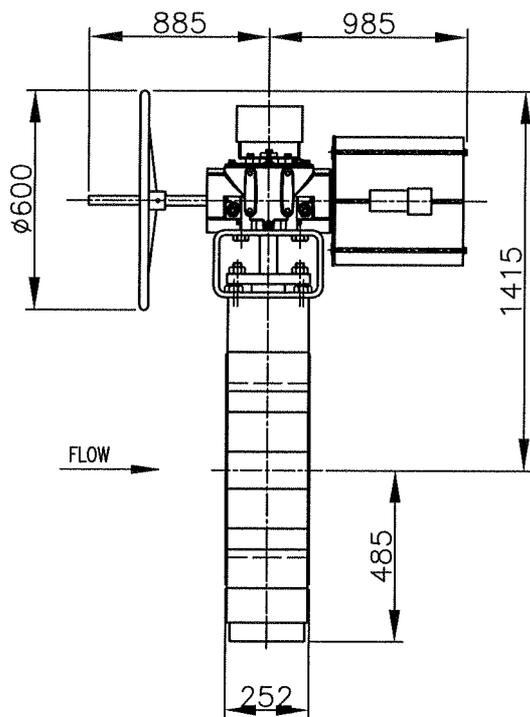
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TITLE : Pneumatic control valve

SCALE : NO

ZPC PROJ. NO. 232000
 DWG NO. _____
 PIDE PROJ. NO. 1182
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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

SAMSON AG
Mess- und Regeltechnik
Weismühlstraße 3
D-40314 Frankfurt am Main
Phone: +49 69 40 09-0
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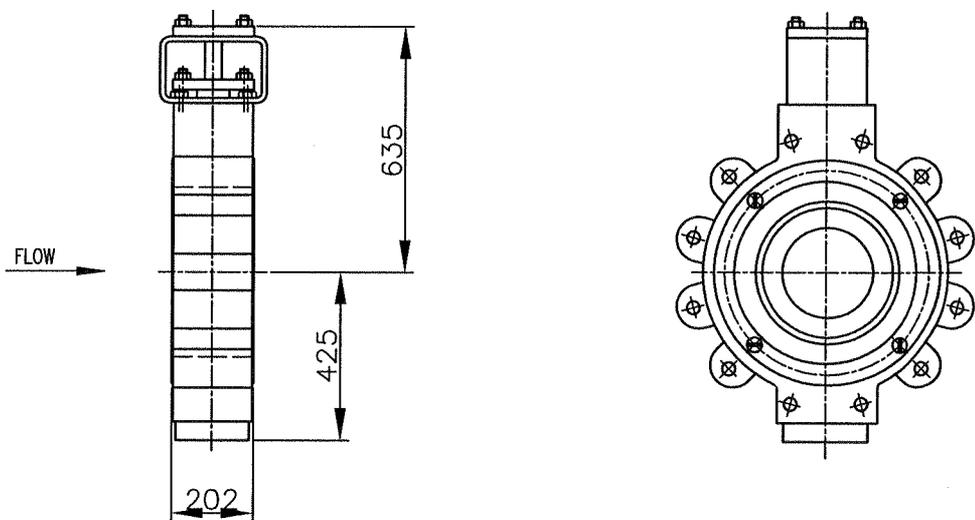
TITLE : Pneumatic control valve

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

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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

SAMSON AG
 Mess- und Regeltechnik
 Welmusterstrasse 3
 D-40014 Finstertal am Mah
 Phone: +49 69 40 09-0
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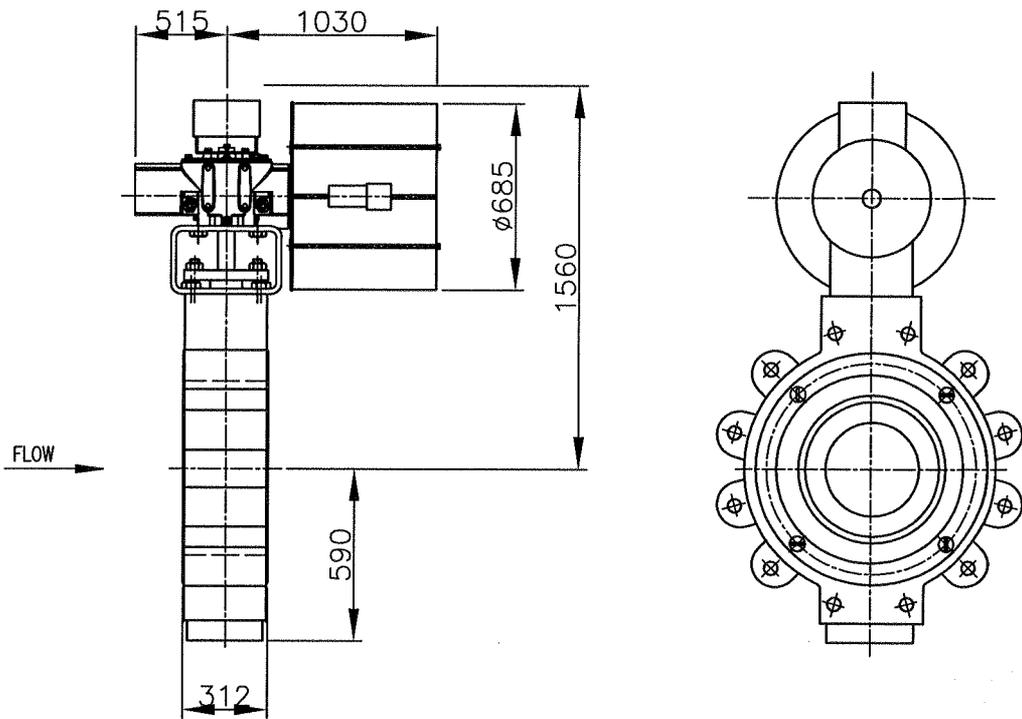
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Lurgi

TITLE : Pneumatic control valve

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

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REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED

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

OWNER : NATIONAL PETROCHEMICAL COMPANY
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PROJECT : 2nd ZAGROS MEGAMETHANOL PROJECT

616 100
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PIDEC PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY
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engineering Lurgi

SAMSON AG
 Mess- und Regeltechnik
 Wasmuthstraße 3
 D-40334 Frickhof am Meer
 Phone: +49 69 40 09-0
 Fax: +49 69 40 09-1791
 Internet: http://www.samson.de

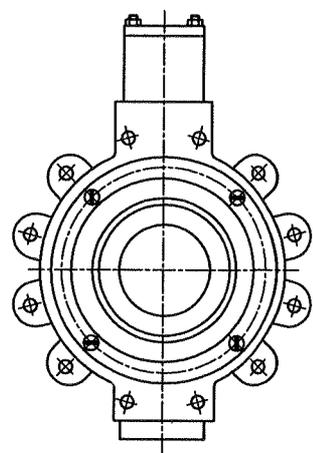
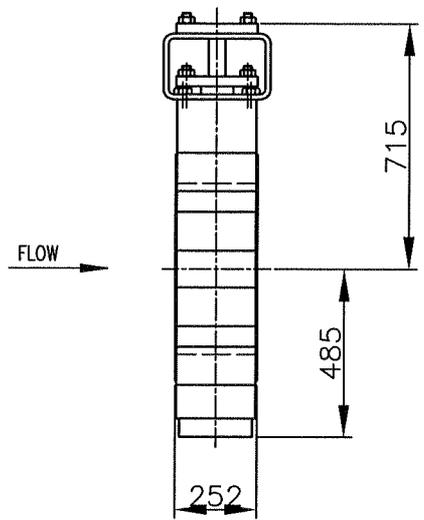
TITLE : Pneumatic control valve

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

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Valve Type: 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

SAMSON AG
 Mess- und Regeltechnik
 Welschuhlenstrasse 3
 D-60514 Frankfurt am Main
 Phone: +49 69 40 06-0
 Fax: +49 69 40 06-1791
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OWNER : NATIONAL PETROCHEMICAL COMPANY
 ZAGROS PETROCHEMICAL COMPLEX
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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 :	PIDEC PROJ. NO. 1182		

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

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