

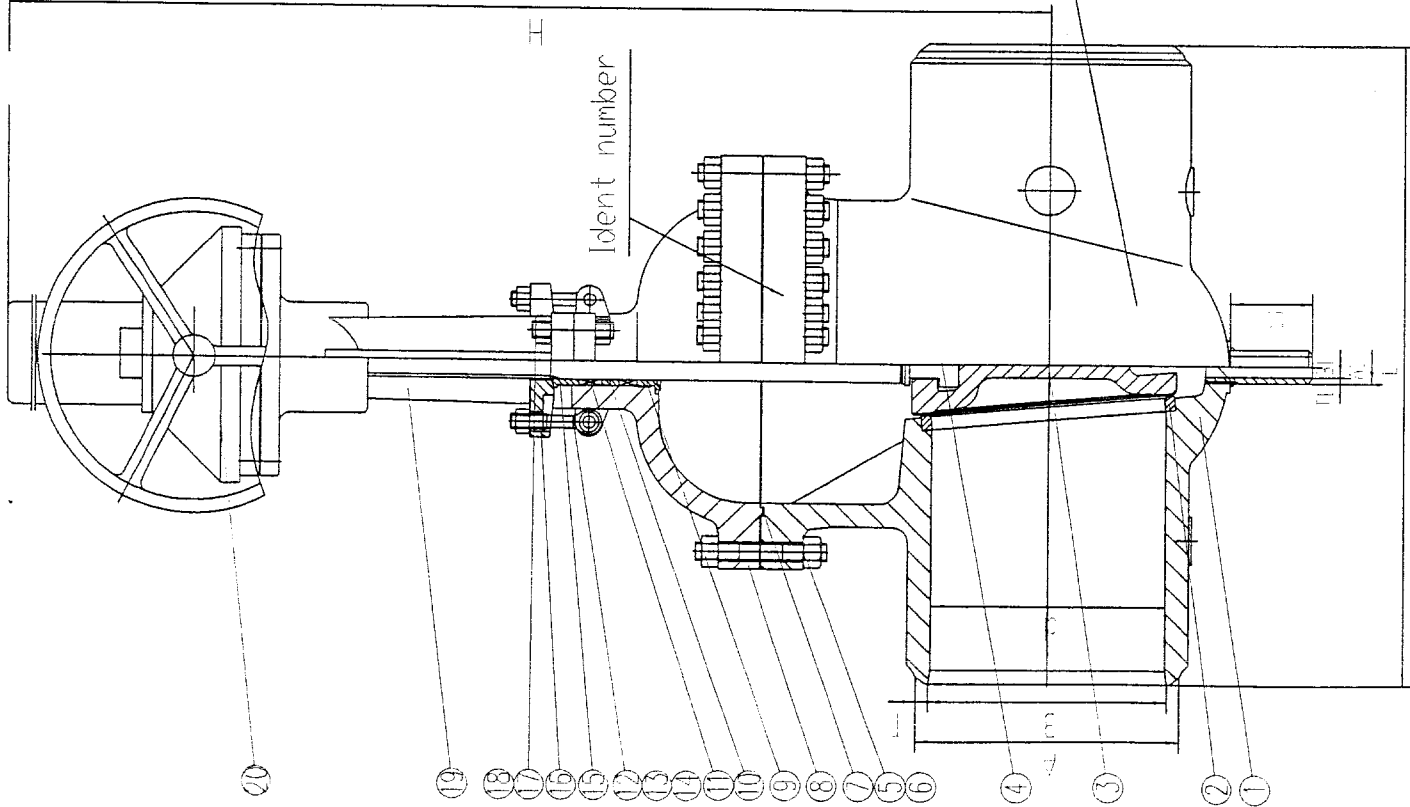
Bevel gear:
SELFLOCKING

IDENT.Nº	WEIGHT
10SPPO46	1620Kg
10SPPO47	
10SPPO48	
10SPPO49	

NPS		DIMENSIONS			
in	mm	L	d	H	H _W
16	400	991	375	1900	

B	A	T
Wall Thickness		
363.52	406.4	21.44

DIMENSIONS NOZZLE			
A1 (top)	B1	T1 (Wt)	L1 (Length)
33.4	20.7	6.35	100



PARAMETER SPECIFICATION

- 1.-DESIGN AND MANUFACTURE: API600
- 2.-END TO END: ASME B16.10 (Long pattern)
- 3.-BW DIMENSIONS: ASME/ANSI B16.25
- 4.-PRESSURE TEMP: ANSI B16.34
- 5.-PRESSURE TEST: API598

Lurgi Contract N° : 1.69666--01--GEM
Proyect Title : Mega Methanol Plant, Zagros Petrochemical Company, Site Bandar Assaluyeh, Iran.
Lurgi P.O. Letter N°: 4553393--000 / 1.69666 / 136

20	Gear Actuator	
19	Yoke	A216 WCB
18	Nut	A194 2H
17	Bolt	A193 B7
16	Gland flange	A216 WCB
15	Gland	A182 F6
14	Gland eyebolt	A193 B7
13	Gland nut	A194 2H
12	pin	45
11	Stem packing	Flexible Graphite
10	Lantern	A182 F6
9	Backseat bushing	A182 F6
8	Bonnet	A216 WCB with max.0.22% C
7	Gasket	SPW F304/Graphite
6	bonnet nut	A194 2H
5	Bonnet bolt	A193 B7
4	Stem	A182 F6 Minimum1.3% Cr
3	Wedge	A216 WCB+51L
2	Seal	A105+51L
1	Body	A216 WCB with max.0.22% C
NO. PART NAME		MATERIAL

WEDGE GATE VALVES		CLASS 600	NPS 16"
DRAWN BY:	I.Linaza		
CHECKED BY	M.Lopez		
STANDARD BY			
APPROVED BY	M.Lopez		
ASSEMBLING DRAWING			



DATE 02-04-03 / Rev.3

PARAMETER SPECIFICATION

- 1.-DESIGN AND MANUFACTURE: API600
- 2.-END TO END: ASME B16.10 (Long pattern)
- 3.-BW DIMENSIONS: ASME/ANSI B16.25
- 4.-PRESSURE TEMP: ANSI B16.34
- 5.-PRESSURE TEST: API598
- 6.-ADDITIONAL TEST ACC.TO ASME B16.34 Para 8

Lurgi Contract N° : 1.69666-01-GEM

Proyect Title : Mega Methanol Plant, Zagros Petrochemical Company, Site Bandar Assaluyeh, Iran.

Lurgi P.O. Letter N°: 4553393-000 / 1.69666 / 136

Bevel gear:
SELFLOCKING

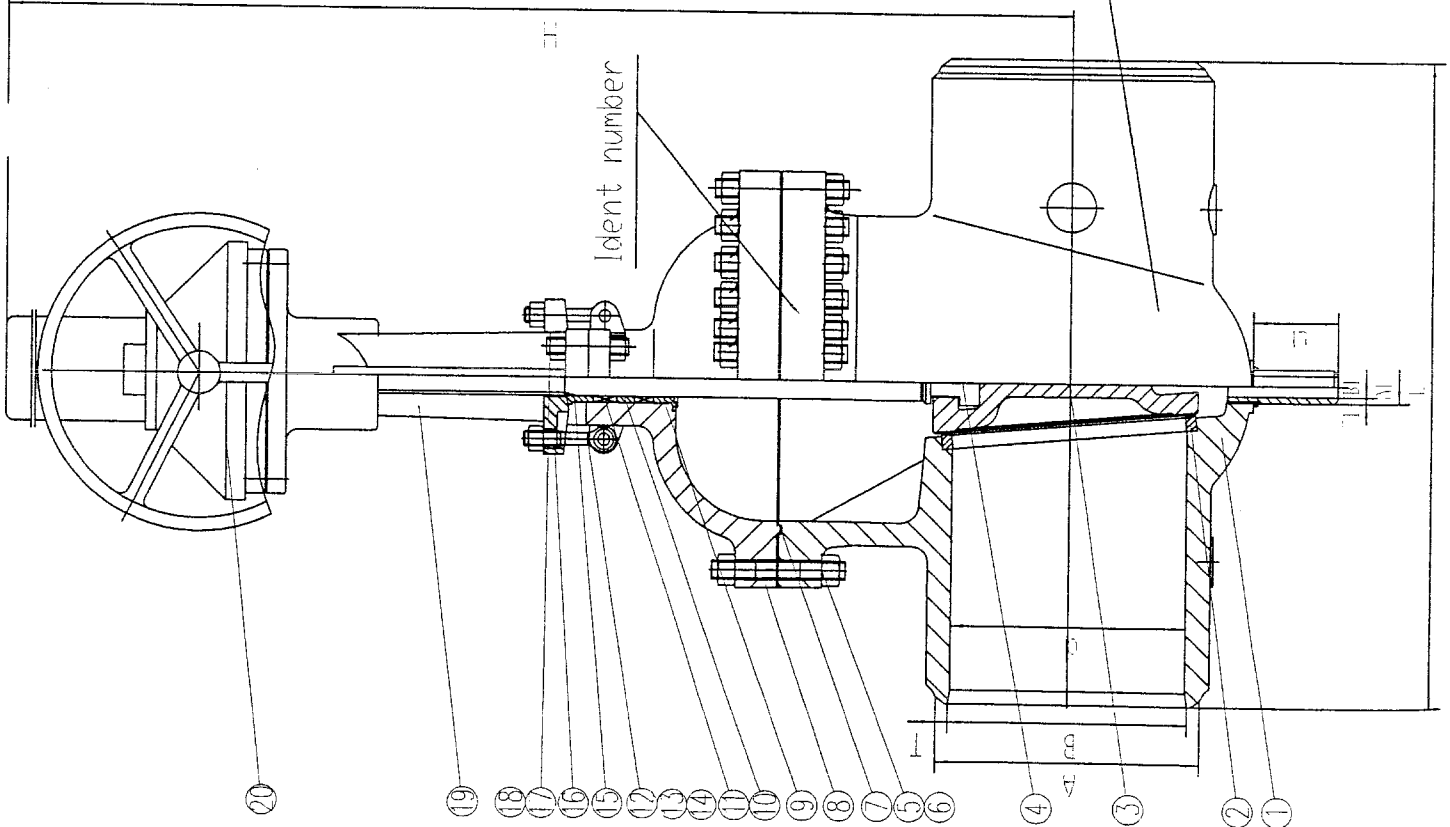
With key locking system
acc. to specification
69666-0102164

IDENT.NO	WEIGHT
10SP051	2800Kg
10SP052	

DIMENSIONS				
NPS	in	mm	L	d
16	400	1130	375	1900

B	A	T
363.52	406.4	21.44

DIMENSIONS NOZZLE			
A1 (ood)	B1	T1 (wv)	L1 (Length)
33.4	20.7	6.35	100



20	Gear Actuator	
19	Yoke	A216 WCB
18	Nut	A194 2H
17	Bolt	A193 B7
16	Gland flange	A217 WC6
15	Gland	A182 F6
14	Gland eyebolt	A193 B7
13	Gland nut	A194 2H
12	pin	45
11	Stem packing	Flexible Graphite
10	Lantern	A182 F6
9	Backseat bushing	A182 F6
8	Bonnet	A217 WC6
7	Gasket	SPW F304/Graphite
6	bonnet nut	A194 4
5	Bonnet bolt	A193 B16
4	Stem	A182 F6 Minimum 13% Cr
3	Wedge	A217 WC6+STL
2	Seat	A182 F11+STL
1	Body	A217 WC6
NO. PART NAME		MATERIALS

WEDGE GATE VALVES		CLASS 900	NPS 16"
DRAWN BY:	I.Linoza		
CHECKED BY	M.Lopez		
STANDARD BY			
APPROVED BY	M.Lopez		
ASSEMBLING DRAWING			
DATE		02-04-03	Rev.3

PARAMETER SPECIFICATION

- 1.-DESIGN AND MANUFACTURE: API600
- 2.-END TO END: ASME B16.10 (Long pattern)
- 3.-BW DIMENSIONS: ASME/ANSI B16.25
- 4.-PRESSURE TEMP: ANSI B16.34
- 5.-PRESSURE TEST: API598
- 6.-ADDITIONAL TEST ACC.TO ASME B16.34 Para 8

Lurgi Contract N° : 1.69666-01-GEM
Proyect Title : Mega Methanol Plant, Zagros Petrochemical Company, Site Bandar Assaluyeh, Iran.
Lurgi P.O. Letter N°: 4553393-000 / 1.69666 / 136

20	Gear Actuator	
19	Yoke	A216 WCB
18	Nut	A194 2H
17	Bolt	A193 B7
16	Gland flange	A217 WC6
15	Gland	A182 F6
14	Gland eyebolt	A193 B7
13	Gland nut	A194 2H
12	pin	45
11	Stem packing	flexible Graphite
10	Lantern	A182 F6
9	Backseat bushing	A182 F6
8	Bonnet	A217 WC6
7	Gasket	SPW F304/Graphite
6	bonnet nut	A194 4
5	Bonnet bolt	A193 B16
4	Stem	A182 F6 Minimum 13% Cr
3	Wedge	A217 WC6+SiL
2	Seat	A182 F11+SiL
1	Body	A217 WC6
NO. PART NAME		MATERIALS
WEDGE GATE VALVES		CLASS 900 NPS 12"

DRAWN BY:	I.Linaza	
CHECKED BY	M.Lopez	
STANDARD BY		
APPROVED BY	M Lopez	



ASSEMBLING DRAWING

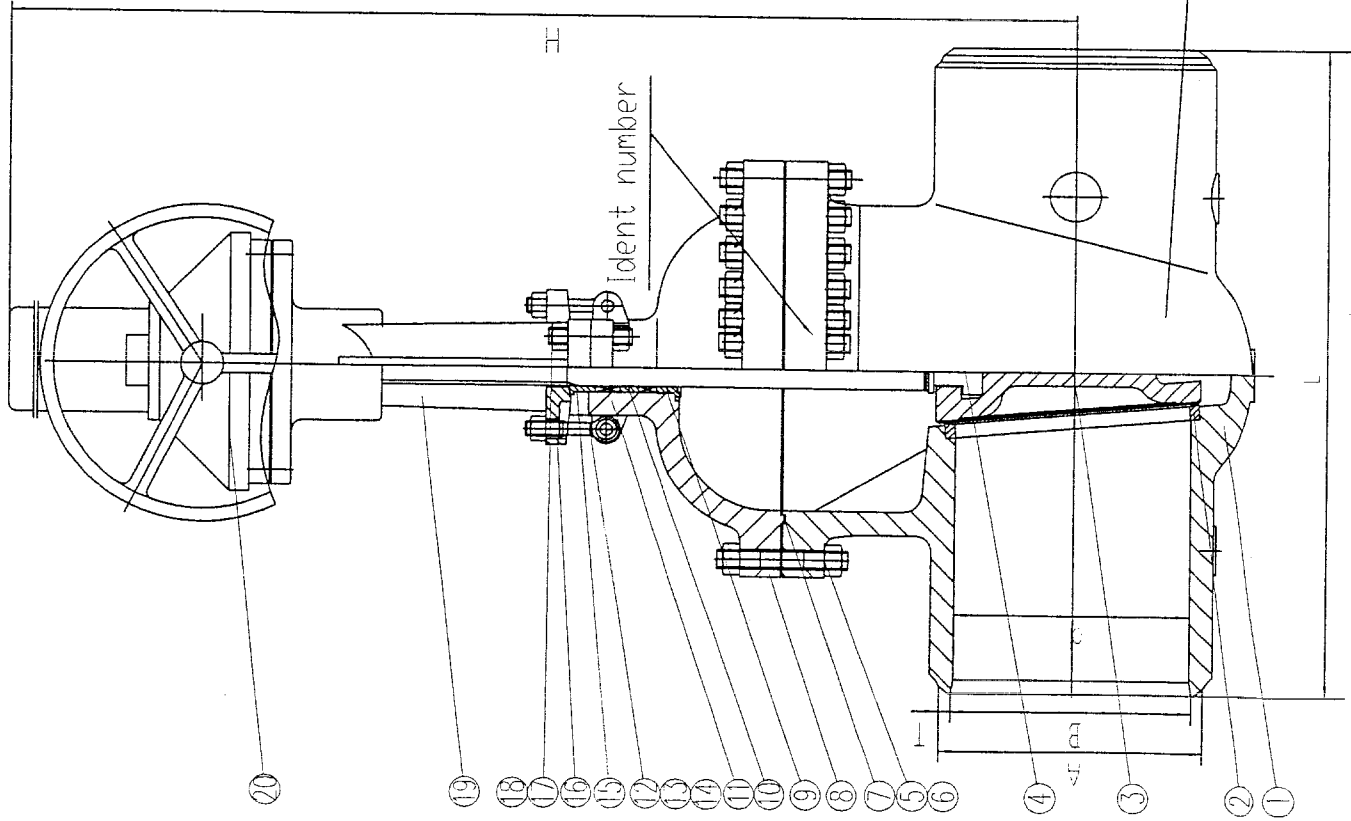
Bevel gear:
SELFLOCKING

With key locking system
acc. to specification
69666-0102164

IDENT.N°	WEIGHT
10SP0057	1550Kg

NPS		DIMENSIONS		
in	mm	L	d	H~
12	300	965	282	1500

B	A	T
		Weld Thickness
288.94	323.9	17.48



PARAMETER SPECIFICATION

- 1.-DESIGN AND MANUFACTURE: API600
- 2.-END TO END: ASME B16.10 (Long pattern)
- 3.-BW DIMENSIONS: ASME/ANSI B16.25
- 4.-PRESSURE TEMP: ANSI B16.34
- 5.-PRESSURE TEST: API598

Lurgi Contract N° : 1.69666-01-GEM
Proyct Title : Mega Methanol Plant, Zagros Petrochemical Company, Site Bandar Assaluyeh, Iran.
Lurgi P.O. Letter N°: 4553393-001 / 1.69666 / 136

20	Gear Actuator	
19	Yoke	A216 WCB
18	Nut	A194 2H
17	Bolt	A193 B7
16	Gland flange	A216 WCB
15	Gland	A182 F6
14	Gland eyebolt	A193 B7
13	Gland nut	A194 2H
12	pin	45
11	Slem packing	Flexible Graphite
10	Lantern	A182 F6
9	Backseat bushing	A182 F6
8	Bonnet	A216 WCB with max.0.22% C
7	Gasket	SPW F304/Graphite
6	bonnet nut	A194 2H
5	Bonnet bolt	A193 B7
4	Slem	A182 F6 Minimum13% Cr
3	Wedge	A216 WCB+STL
2	Seat	A105+STL
1	Body	A216 WCB with max.0.22% C

NO. PART NAME		MATERIAL	
WEDGE GATE VALVES		CLASS 600	NPS 16"
DRAWN BY:	I.Linaza	 SPECIALTY VALVES RESEARCH S. A.	
CHECKED BY	M.Lopez		
STANDARD BY			
APPROVED BY	M.Lopez		
		ASSEMBLING DRAWING	



SPECIALTY VALVES RESEARCH S.A.
ASSEMBLING DRAWING

DATE: 29-04-03 / Rev.001

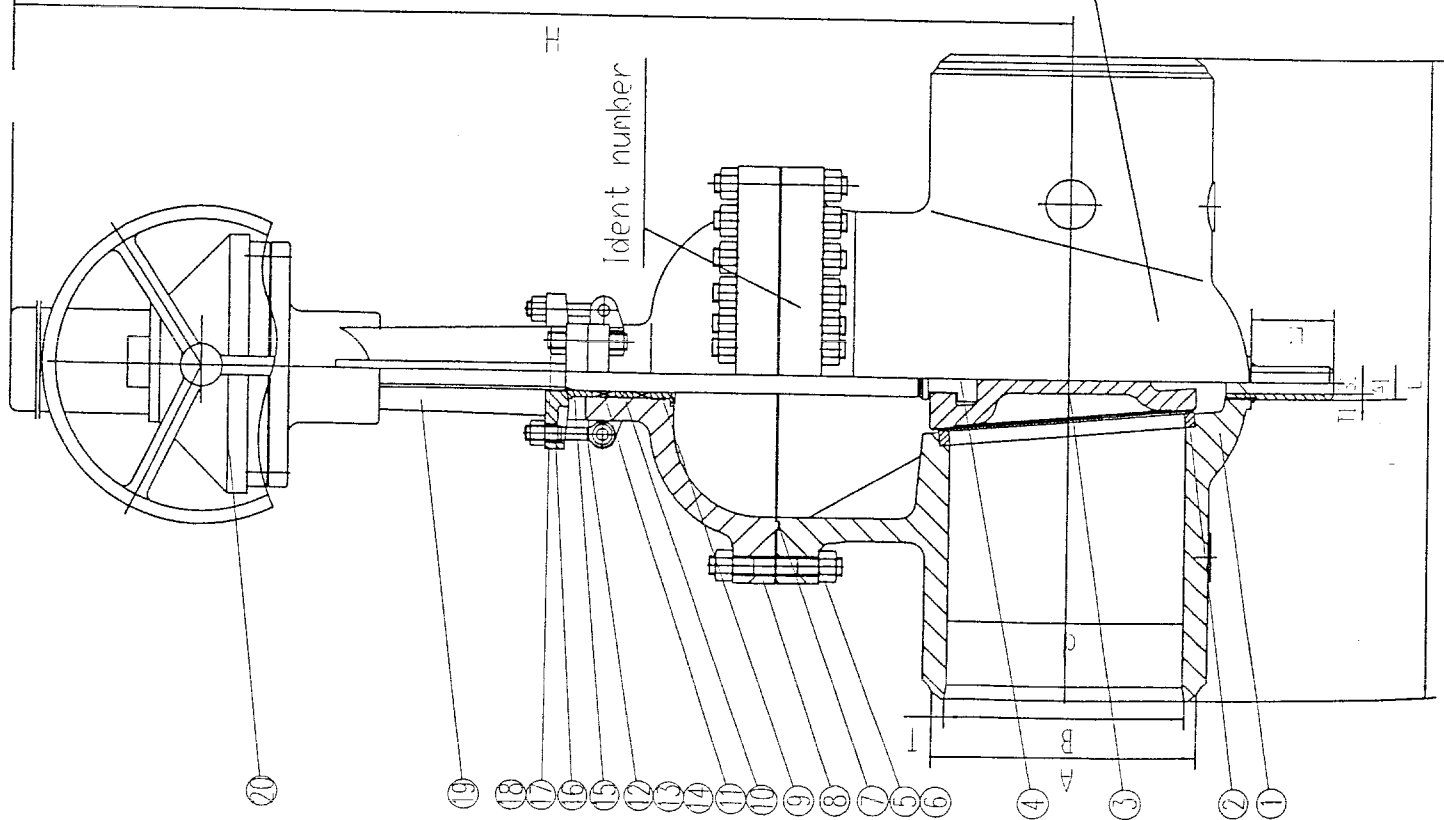
Bevel gear:
SELFLOCKING

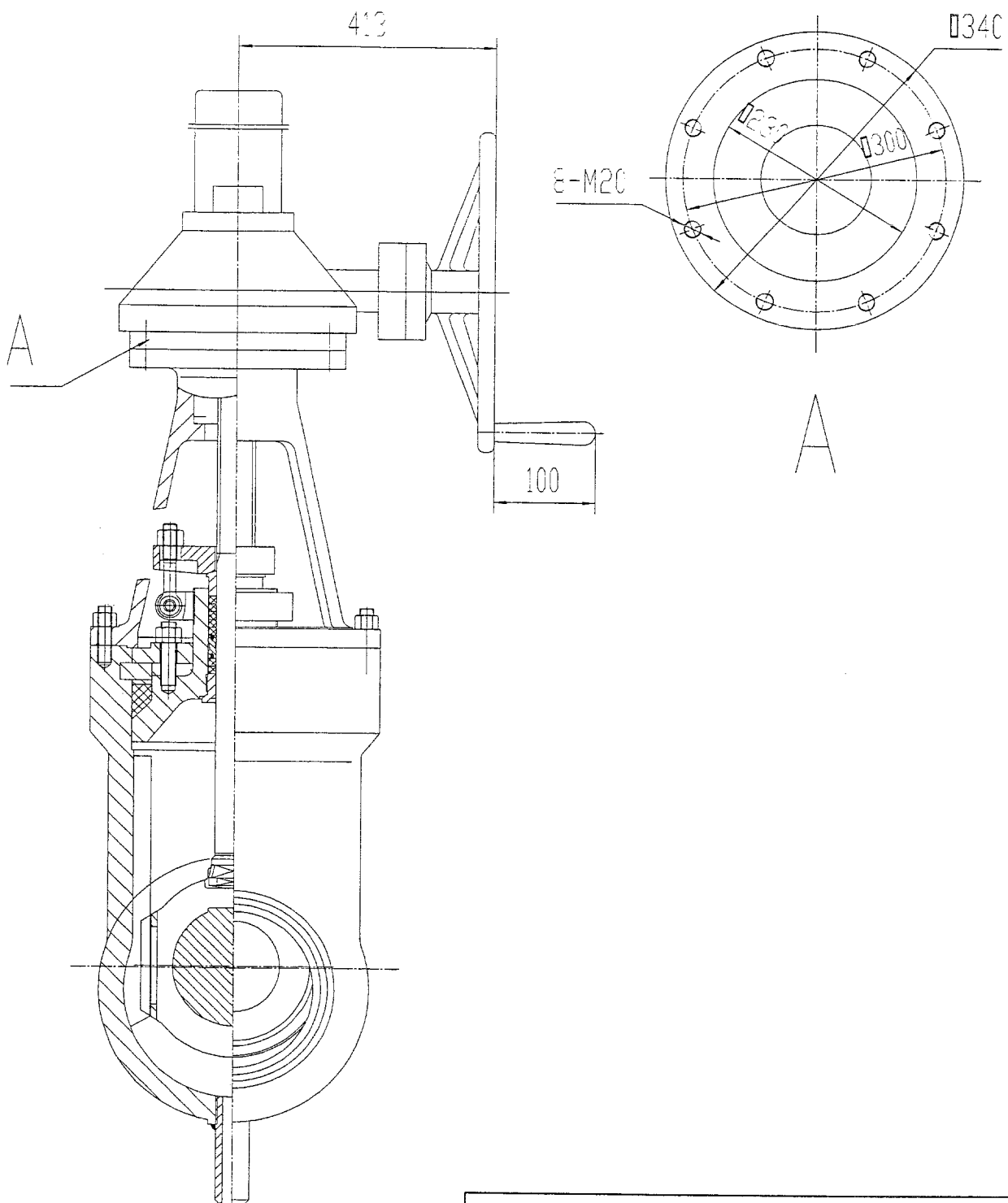
IDENTI.NO	WEIGHT
10SP079	1620Kg
10SP080	
10SP082	
10SP084	

NPS		DIMENSIONS	
in	mm	L	d
16	400	991	375
			1900

B	A	T
		Wall Thickness
363.52	406.4	21.44

DIMENSIONS NOZZLE			
A1 (oo)	B1	T1 (wt)	L1 (Length)
33.4	20.7	6.35	100





Lurgi Contract N° : 1.69666-01-GEM			
Proyect Title : Mega Methanol Plant, Zagros Petrochemical Company, Site Bandar Assaluyeh, Iran.			
Lurgi P.O. Letter N°: 4553393-000 / 1.69666 / 136			
DIMENSION GEAR ACTUATOR			
DRAWIN BY:			 SPECIALTY VALVES RESEARCH S. A.
CHECKED BY			
STANDARD BY			
APPROVED BY			
			ASSEMBLING DRAWING
			DATE 17-09-03