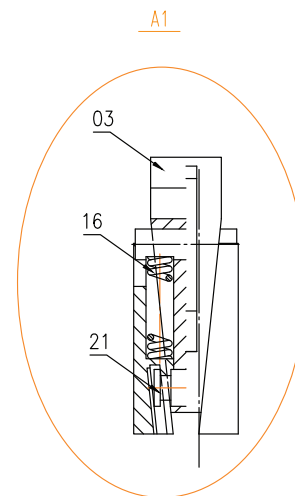


Internal Front View



Cutaway View One Side

#### BILL OF MATERIALS:

No	Part Name	Material
01	Body	A105N
02	Seat	SS410+ST#6
03	Spreader	SS420
04	Parallel disc	A182 F6+ST#6
05	Stem	A182 F6
06	Gasket	SS304+GRAPHITE
07	Bonnet	A105N
08	Bolt	A193 B7
09	Packing	GRAPHITE
10	Pin	SS410
11	Gland	SS410
12	Gland eyebolt	A193 B7
13	Gland flange	A105N
14	Nut	A193 B7
15	Stem nut	SS410
16	Hand wheel	Steel
17	Washer	A3+ZP
18	Nut	A194 2H
19	Springs	Inconel X750
20	Location Pin	A182 F6
21	Connection Pin	A182 F6

#### TECHNICAL SPECS:

DESIGN SPECIFICATION		API 602/BS5157/ANSI B16
TYPE OF VALVE		PARALLEL SLIDE GATE VALVE
TYPE OF VALVE PORT		REGULAR
VALVE PRESSURE CLASS/SIZE		600LB-1/2"~11/2"
BONNET CONNECTION TYPE		BBOSY
END CONNECTION TYPE		RF
LIQUID, GAS OR STEAM SERVICE		WATER, OIL, GAS, STEAM
PAINTING or COATING		PHOSPHATIZING
END TO END DIMENSION		API 602
END CONNECTION DIMENSION		ANSI B16.5
TEST AND INSPECTION		API 598
MINIMUM SERVICE TEMPERATURE		-29°C
MAXIMUM SERVICE TEMPERATURE		425°C
SPECIAL REQUIREMENTS		-
TEST PRESSURE	HYDRAULIC	SHELL : 15.3Mpa
		SEAT : 11.4Mpa
	PNEUMATIC	SEAT : 0.6Mpa

\* Can also be flanged & drilled to AS/BS Table D to R or PN10~40

#### DIMENSIONS:

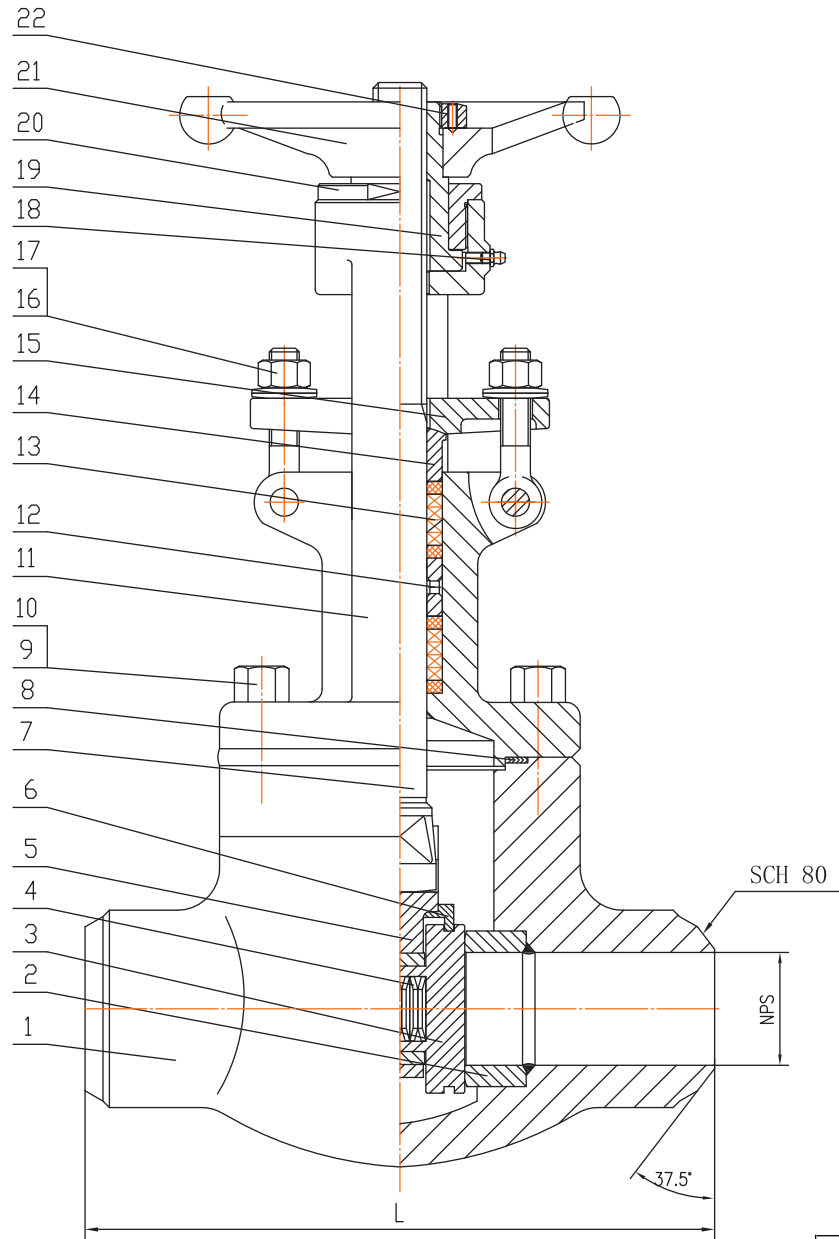
NPS	L	i	□	C	g	f	d	n-ø	t	H	W
1/2"	165	13	95	66.5	35	6.4	10.5	4-15	15.0	245	120
3/4"	190	19	118	82.5	43	6.4	13.5	4-19	16.0	248	120
1"	216	25	124	89	51	6.4	17.5	4-19	18.0	340	155
1-1/2"	241	38	156	114.5	73.0	6.4	28.0	4-22	23.0	430	180

Forged Parallel Slide Gate Valve 600LB

Intergral Flanged Standard Port

Australian Pipeline Valve / Steamco

DWG NO:	AGH11Y-600LB-1/2-1-1/2IN	APPROVED:	B.T.
DATE:	-	CHECKED:	C.C.
REV:	01	DRAWN:	S.Q.



**DIMENSIONS:**

NPS	L
2	292
1 1/2	241

**“A PRELIMINARY DRAWING ONLY”**  
**Refer as-built drawing for all dimensions**

**BILL OF MATERIALS:**

No.	PART NAME	MATERIAL
22	Gland Nut	AISI 1035
21	Hand Wheel	A216 WCB
20	Bearing Cover	AISI 1035
19	Stem Nut	ZQAL9-4
18	Oil cup	Cu
17	Nut	A194 2H
16	Gland Eyebolt	A193 B7
15	Packing Gland	A105
14	Packing Bushing	A182 F6a
13	Packing	Graphite
12	Lantern Ring	A182 F6a
11	Bonnet	A105
10	Nut	A194 2H
9	Bolt	A193 B7
8	Bonnet Gasket	Graphite+304
7	Stem	A182 F6a
6	Skirt	A240 410
5	Gate frame	A105
4	Spring	Inconel X-750
3	Disc	A105+STL
2	SEAT	A105+STL
1	BODY	A105

**TECHNICAL SPECS:**

Design and Manufacture:	API 600
Face to Face Dimensions:	ASME B16.10
Butt welding Ends Dimensions	ASME B16.25
Valve Test and Inspect:	API 598

**TECHNICAL REQUIREMENTS:**

1. Gate valve design to API 600 / ASME B16.34
2. Valve overall length shall be designed to ASME B16.10
3. Butt welding Ends shall be designed for ASME B16.25
4. Testing and Inspection of gate valves shall comply with API 598

Parallel Slide Gate Valve 600 Class	DWG NO.	-	APPROVED	B.T.
	ORDER NO:	-	CHECKED	C.C.
Australian Pipeline Valve / Steamco	REV:	01	DRAWN	S.Q.