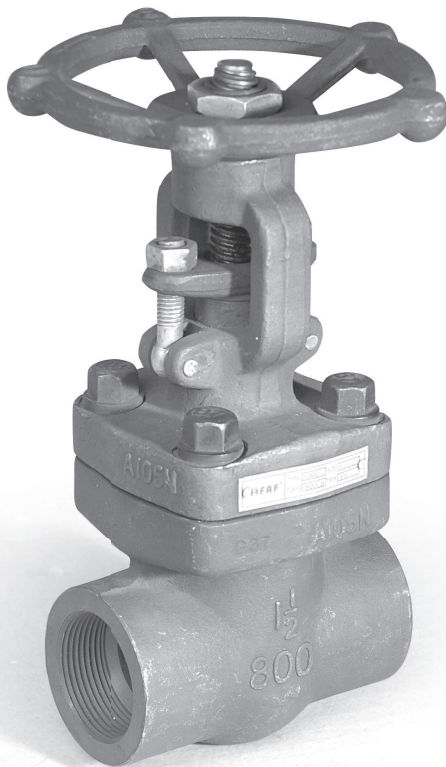


# GATE VALVE / 6040



**CLASS 800/1500**  
DN15 → DN100

#### PRODUCTION STANDARDS

DESIGN	BS5351/ ASME B16.34
END CONNECTION	ASME B1.20.1/ ASME B16.11/ASME B16.25
PRESSURE TEST	API 598
MARKING	MSS SP-25

## FEATURES

- FAF6140 Forged Gate Valve is operating by the steel wedge moving perpendicular to the flow axis through a worm machined stem multi turned
- Sealing is maintained by the stainless steel welding filled wedge seats on the wedge seat inside the body
- Designed and manufactured according to ANSI standard
- In each time the valve is opened, the flow on the line cleans the sealing surface, prevents from dirt and deposits
- Can be installed bidirectional
- Very low head loss rating. Can be operated with lower torque ratings, no maintenance needed
- Manufactured from forged steel material and has a high pressure resistance

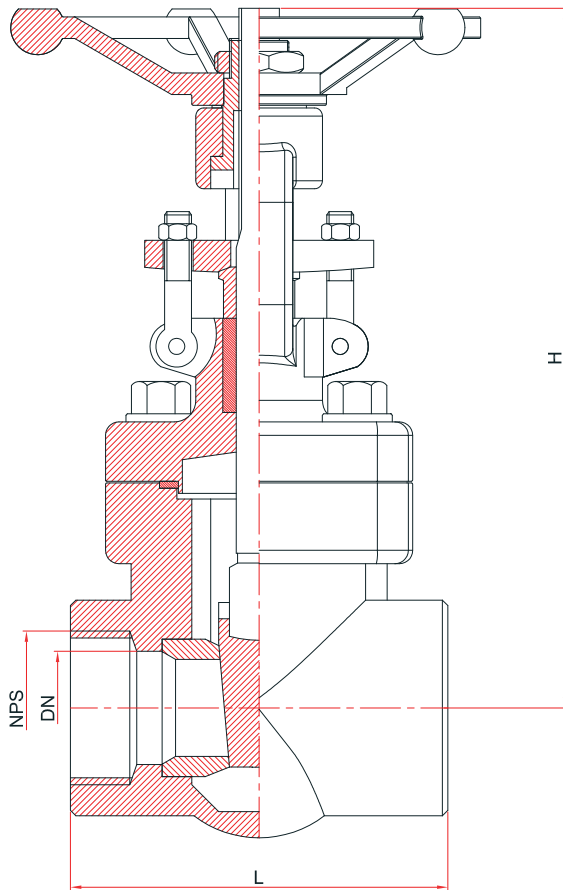
## APPLICATIONS

Hot Water, Cold Water, Steam, Chemicals, Lubricants, Natural Gas, Oil&Gas, HVAC

## TEMPERATURE

-30, +200 °C

## TECHNICAL DRAWING



## MATERIAL SELECTION

**BODY** ASTM A-105 FORGED STEEL  
1.4301 - AISI 304 STAINLESS STEEL  
1.4401 - AISI 316 STAINLESS STEEL

**GATE** ASTM A-105 FORGED STEEL  
1.4301 - AISI 304 STAINLESS STEEL  
1.4401 - AISI 316 STAINLESS STEEL

**STEM** 1.4021 - AISI 420 STAINLESS STEEL  
1.4301 - AISI 304 STAINLESS STEEL  
1.4401 - AISI 316 STAINLESS STEEL

**SEALING** MS 58 - BRASS  
1.4021 - AISI 420 STAINLESS STEEL  
1.4301 - AISI 304 STAINLESS STEEL  
1.4401 - AISI 316 STAINLESS STEEL

**COATING** INDUSTRIAL EPOXY

### CLASS 800

DN	NPS	DIMENSION		RATINGS	
		L	H	KV m <sup>3</sup> /h	Weight Kg
15	1/2	79	182	60	2
20	3/4	92	208	85	2,5
25	1	111	254	110	5
32	1 1/4	120	290	140	6
40	1 1/2	120	330	165	7
50	2	140	372	180	11

### CLASS 1500

DN	NPS	DIMENSION		RATINGS	
		L	H	KV m <sup>3</sup> /h	Weight Kg
15	1/2	111	182	55	4
20	3/4	111	208	70	4
25	1	120	254	95	7
32	1 1/4	120	290	130	9
40	1 1/2	140	330	160	12
50	2	170	372	170	17