



**Pesflow**  
ONE STOP INDUSTRIAL VALVE SOLUTIONS

# Forged Gate Valve



Pesflow's forged-steel gate valve is engineered to seal tight in the most unforgiving pressure - temperature regimes—delivering the rock-solid reliability your process can't live without.

Compact yet uncompromising, the Pesflow forged-steel gate valve is purpose-built for critical isolation across ½"–2" lines and Class 800 to 2500 duties. Hot forging densifies the grain structure for superior tensile strength, allowing the valve to withstand test pressures up to 9000 psig on the body and 6 600 psig on the seat—far beyond typical service conditions—while its outside-screw-and-yoke design and solid, one-piece wedge deliver rock-solid shut-off in steam, oil & gas, power, and process applications.

Every unit is manufactured to API 602 / BS 5352, hydro-tested to API 598 / BS 6755 (Part I), and offered with either BSP-threaded or ANSI B16.11 socket-weld ends for hassle-free installation. The result is a compact valve that couples forged-steel durability with proven international standards—guaranteeing zero-leak performance where safety, uptime, and compliance are non-negotiable.

## TECHNICAL SPECIFICATION

- **SIZE:** 1/2" to 2"
- **CLASS:** 800# to 2500#

### HYDRAULIC TEST PRESSURE

	800#	1500#	2500#
<b>Body</b>	3000 PSIG	5400 PSIG	9000 PSIG
<b>Seat</b>	2000 PSIG	4000 PSIG	6600 PSIG

### STANDARDS

- **MANUFACTURING:** API 602 / BS 5352
- **END CONNECTION:** Screwed Ends to BSP (F)  
Socket Weld Ends to ANSI B16.11

### AVAILABLE OPTIONS

- **STRUCTURE:**

END CONNECTION: SCREWED END, SOCKET WELD

OPERATION: HAND WHEEL OR AS PER REQUIREMENT

- **MATERIAL**

BODY / BONNET: ASTM A105 / A182 F11 / F22 / F304 / F316

TRIMS: 13% Cr. STEEL TO AISI 410 / 304 / 316 / 304L / 316 L / STELLITE



## Address

### Head Office:

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