



**Delivering  
Optimal  
Engineering  
Solutions**



**GRADIENT**  
SERVICES


**Valves  
Capability  
Statement**



[www.gradient.net.au](http://www.gradient.net.au)

# VALVES

We can make

-  **Ball**
-  **Butterfly**
-  **Gate**
-  **Check**
-  **Globe**



Cast Steel Ball Valves



## Butterfly Valves

**Part Types:**  
Body, Bonnet, Disc, Bracket, Cover, Valve Seat, Shaft, Sleeve

**Materials:**

- WCB, WCC, LCC, LCB
- CF8, CF3, CF8M, CF3M
- WC6, WC9, C12
- 4A, 5A, 6A
- GGG40, GGG50, GG25, GG30
- C95800, 43300, etc.

**Size:** DN40 to DN2400  
**Class:** 900 Max



Butterfly Valve

## Ball Valves

**Part Types:**  
Body, Bonnet, Cover, Seat, Ball, Stem

**Materials:**

- WCB, WCC, LCC, LCB
- CF8, CF3, CF8M, CF3M, CA15
- A105, LF2, F2, F6, F6A, F51, F53
- GGG40, GGG50, GG25, etc.

**Size:** DN15 to DN1600  
**Class:** 1500 Max



Ball Valve



Gate Valve

## Gate Valves

**Part Types:**  
Body, Bonnet, Housing, Disc, Seat, Packing Gland

**Materials:**

- WCB, WCC, WC6, WC9, LCC, LCB
- CF8, CF3, CF8M, CF3M
- 4A, 5A, 6A
- A105, F6, F6A, F51, F53, LF2, F304, F316
- GGG40, GGG50, GG25, etc.

**Size:** DN15 to DN1200  
**Class:** 2500 Max



# GRADIENT

## Why Gradient



### Design and Innovation

- Local Engineers & Metallurgists
- Design & Material Improvement
- Reverse Engineering



### Processes

- Casting
- Forging
- Machining
- Fabrication
- Finishing Services



### Supply Chain

- Key Partner:
- Y&J Industries (Chengdu)
- 200+ Suppliers
- Complete Logistics
- Weekly Updates



### Quality

- Dedicated QC team
- Local & International staff
- Comprehensive NDT
- Reporting & Traceability



#### Address:

Level 6 / 1 Como Street  
Malvern VIC 3144, Australia

Phone: +61 3 9571 1566

E-mail: [enquiries@gradient.net.au](mailto:enquiries@gradient.net.au)  
[www.gradient.net.au](http://www.gradient.net.au)