



## EUROPEAN GATE VALVES LIMITED

*quality gate valve manufacturer*

### *applications*

Designed as an isolation gate valve for systems conveying abrasive powders, granules and bulk materials where excessive wear is experienced on the body and internal components of the valve.

### *benefits*

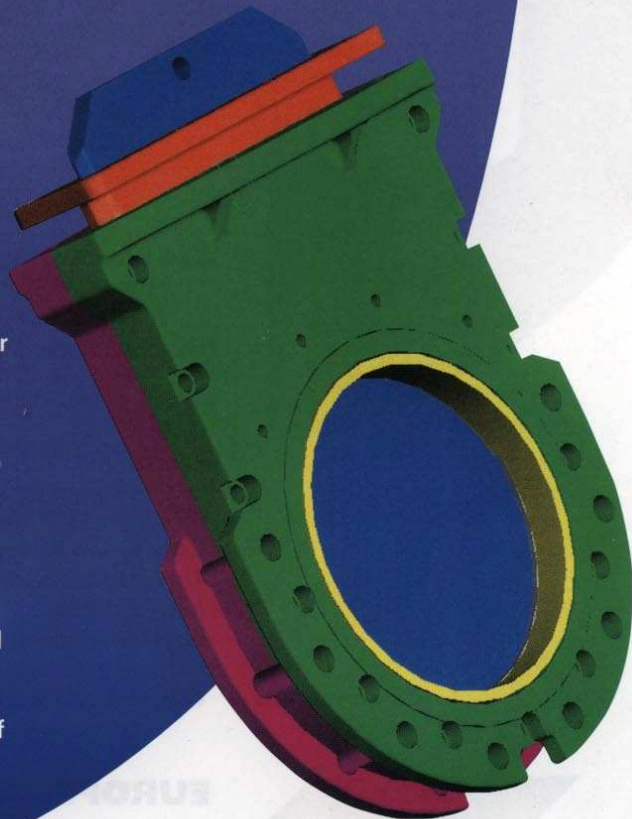
The valve offers reduced downtime, lower refurbishment costs, rapid turnaround of repairs and replacement of existing wearing gate valves with minimal site modification.

### *innovative design*

Many gate valves currently available in the powder and bulk industry suffer from wear caused by non-linear flow of the particles in the air stream as they pass through the valve. The localised turbulence in the region of the valve gate and seal often leads to significantly reduced life and even destruction of the valve body.

EGV overcome this by using proven wear resistant liners which protect all parts of the body likely to be abraded by the conveyed product. Added to this is the innovative design which ensures low cost and rapid relining of valves should it become necessary.

**reliability**  
**maximum**  
**life**



**Abrasion Resistant  
Slide Gate Valve**



### *sizes*

Valve initially available as  
250mm diameter    Face to Face dimension of 100mm.  
300mm diameter    Face to Face dimension of 110mm.  
Flange drilling to PN10 or ANSI 150

Additional sizes will be added to meet customer requirements.

### *main components*

Body in two halves machined from Cast Iron  
Throat and bonnet liners cast and machined in Abrasion Resistant Iron  
Gate blade manufactured from stainless steel  
Polymer gate edge seal in material to suit application  
Gate exit seal, packed gland type using a braided packing



## **EUROPEAN GATE VALVES LIMITED**

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