

GF 31
GG31
GC31

Models



Outside Screw and Yoke Gate Valve



- U.L. Listed & F.M. Approved
- Resilient wedge design with water tight seating
- Lower torque requirements to operate valve
- Full,unobstrueted flow way
- Field Replaceable Parts

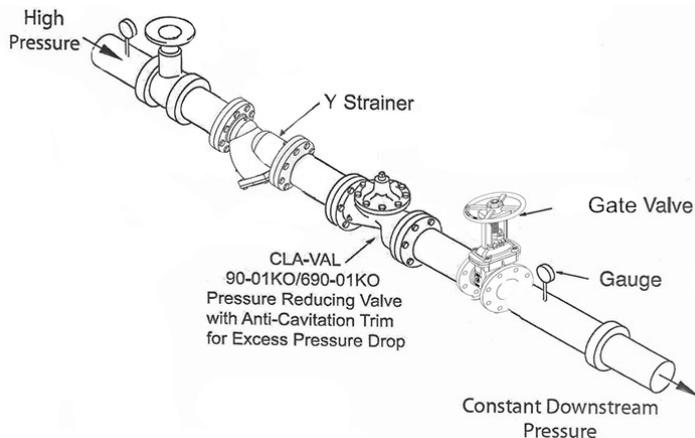
Description

The Cla-Val OS&Y resilient wedge gate valve are suitable for use in fire protecting systems.End connection configurations including Flange by Flange,Flange by Groove, and Groove by Groove are available. The waterway is clear and unobstructed. Ductile Iron construction has greater strength,durability and lighter weight than cast iron.Ductile iron wedge fully encapsulated with EPDM rubber ensures zero allowable leakage.All internal prarts can be servied without removing valve out of pipeline.

The valve is constructed with integral lifting device on body which allows the valve to be handled without having to lift the valve by operating nut or handwheel.

All internal and external surfaces have been fusion bonded epoxy coated.

Typical Application



Specification

The gate valve shall be resilient wedge type rated for maximum 300p.s.i. cold water working pressure.All cast key ferrous components shall be ductile iron,ASTM A536 65-45-12,The wedge shall be single gate construction, ductile iron fully encapsulated with EPDM rubber and seal. The wedge nut shall be independent of the wedge and material shall be corrosion resistant for longer service life.

Gate valve shall be capable of open/shut operation when installed in positions with either flow up or flow down. No wedge in waterway when open to restrict flow or to increase pumping costs.

All materials of construction shall conform to ASTM specifications as follows

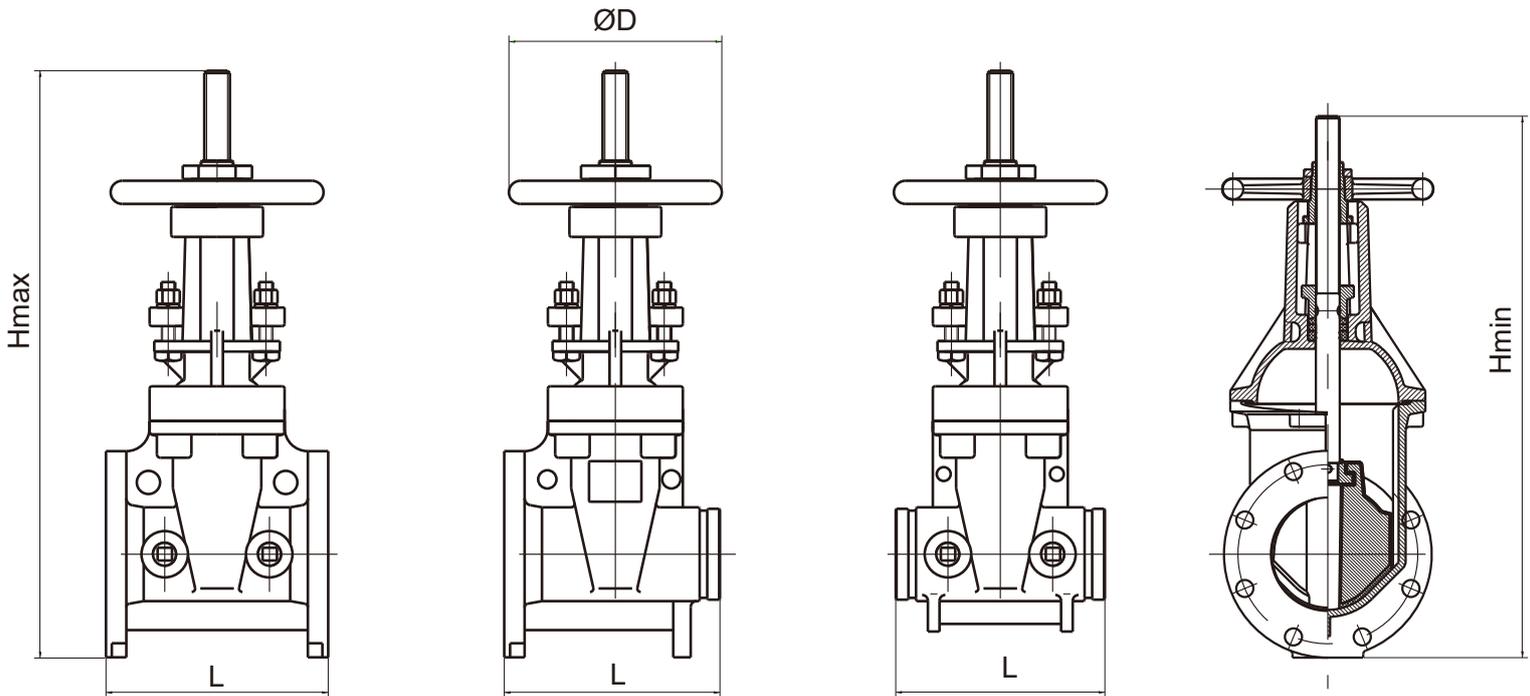
- Body & Bonnet: Ductile Iron A536 65-45-12
- Resilient Wedge: Ductile Iron A536 65-45-12,EPDM encapsulated.
- Stem: Stainless Steel AISI 304
- Stem nut: Bronze ASTM B62



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MATERIAL SPECIFICATION

Part Name	Material Description
Body	ASTM A536 65-45-12
Gate	ASTM A536 65-45-12+EPDM
Stem	AISI SS304
Bonnet	ASTM A536 65-45-12
Gland	ASTM A536 65-45-12
Gate Nut	ASTM A351 CF8
Plug	ASTM B16
O Ring	EPDM
Stem Nut	ASTM B62

DIMENSIONS

Size	L	Hmax	Hmin	ØD
DN50	178	417	350	183
DN65	190	417	350	183
DN80	203	487	405	253
DN100	229	538	436	253
DN125	254	654	528	305
DN150	267	740	591	305
DN200	292	935	730	355
DN250	330	1126	871	445
DN300	356	1316	1011	445

