

## MAIN FEATURES

- OS & Y means Outside Stem & Yoke nut mechanism is used to operate the Gate Valve.
- When gate is fully open, it doesn't create any obstruction in flow path and hence friction losses are very low.
- The valve is very easy to operate using just a Hand Wheel.
- The EPDM Ductile Iron Wedge provide a bubble tight seal to ensure no leakage when Valve is fully closed.
- We provide Drain plugs for draining the valve for maintenance purpose.
- We provide Fusion Bonded Epoxy Coating to all our valves for better corrosion protection which gives long lasting life.
- We design all our OS & Y Gate Valves as per the safety standards certifying to:
  - i.NSF / ANSI 61    ii.NSF / ANSI 372
- We provide Flanged Ends as per the ANSI B16.1 CLASS 125

**Note:** Other types of flanges are available on special request before order is placed.

Test Pressure (Hydrostatic Shell) : 20.5 bar (300 psi).  
 Maximum Working Pressure : 17 bar (250 psi)  
 Maximum Working Temperature: 50°C (122°F)

## MATERIAL SPECIFICATIONS

Part Name	Material	Specification
Main Body	Ductile Iron	Grade 65-45-12
Wadge	Ductile Iron and Rubber Encapsulated + EPDM Rubber	Grade 65-45-12
Wadge Nut	Stainless Steel	AISI 304
Handle Wheel	Ductile Iron	Grade 65-45-12
Handle Nut	Stainless Steel	AISI 304
Stem	Stainless Steel	AISI 304
Bonnet	Ductile Iron	Grade 65-45-12
Gasket	Rubber	EPDM
Packing	Graphite	Commercial
Gland	Ductile Iron	Grade 65-45-12
Yoke Nut	Bronze	B62 C83600
Drainage Plug	Stainless Steel	AISI 304
Gland Bolt	Carbon Steel	M.S. Zinc Plated
Bonnet Bolt	Carbon Steel	M.S. Zinc Plated

## SIZE / DIMENSIONS

Model	Size mm	Size Inch	L	H (Open)	H (Close)	Ød
LGV25F	65	2.5	190	420	352	185
LGV30F	80	3	204	480	393	255
LGV40F	100	4	230	542	445	255
LGV60F	150	6	268	754	592	306
LGV80F	200	8	293	932	730	357
LGV10F	250	10	331	1130	880	446

Note: All Dimensions are in mm unless mentioned otherwise.

