



Tips for Ordering Valves

What is Valve ?

Valve is a device that regulates and controls gas, liquid or powder fluid through a flow system.

From a simple toilet flush to overboard lines, main engine cooling systems, ballast water systems, cargo control and fire fighting systems and many more

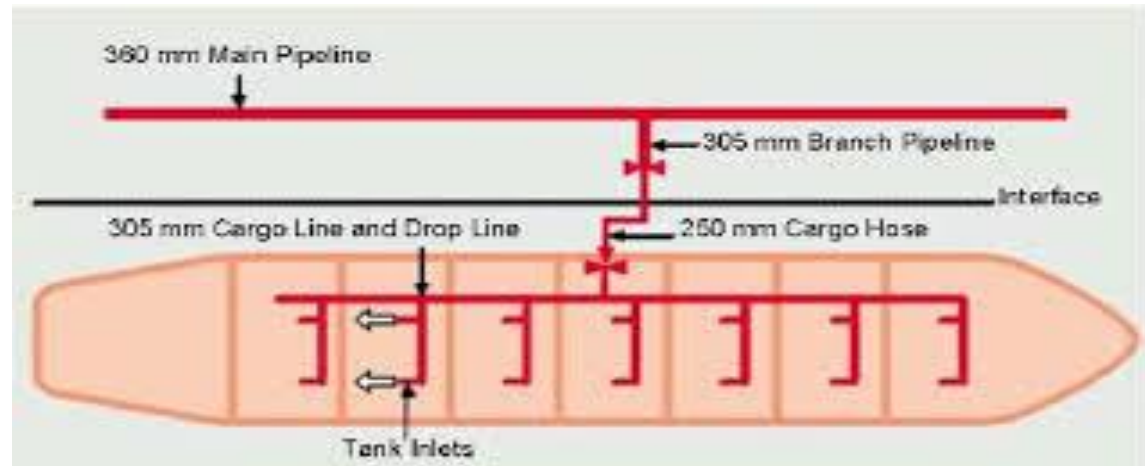
They control the blood passing through the ship's veins.



Properties of Marine Valves



- ❖ Overboard Valves
- ❖ Cargo Valves
- ❖ Class certifications



Most frequently requested types of Marine Valves



Globe valves



Gate valves



Butterfly Valves

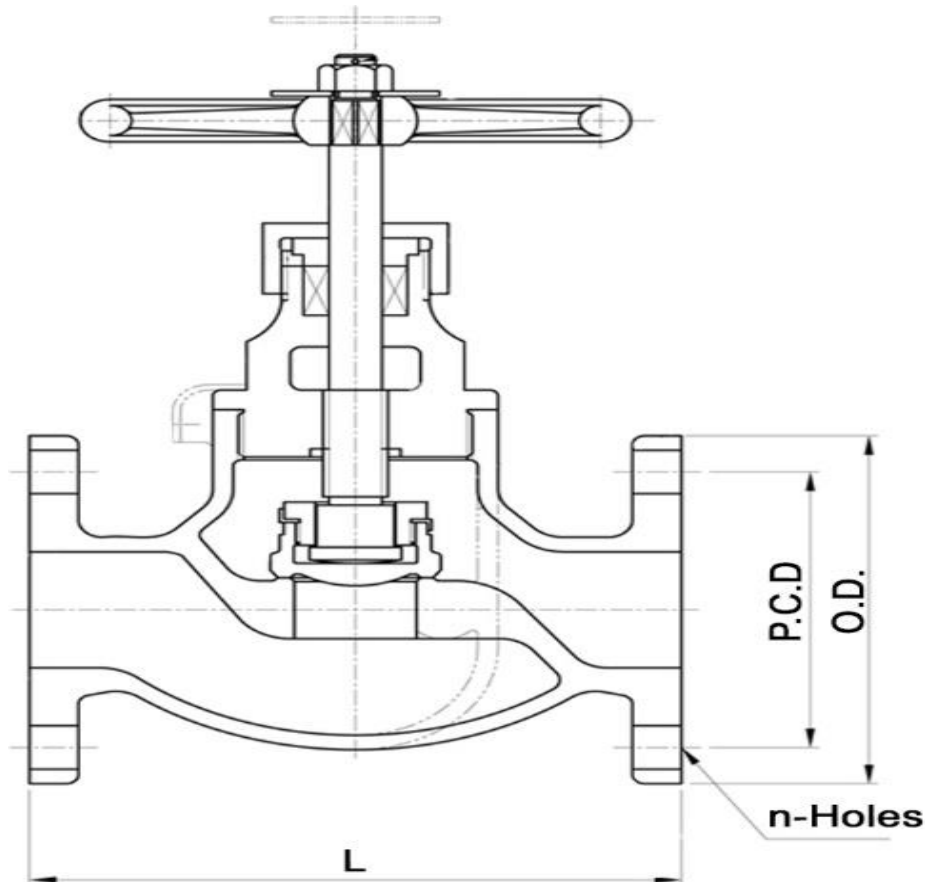


Storm Valves

Key information when ordering valves

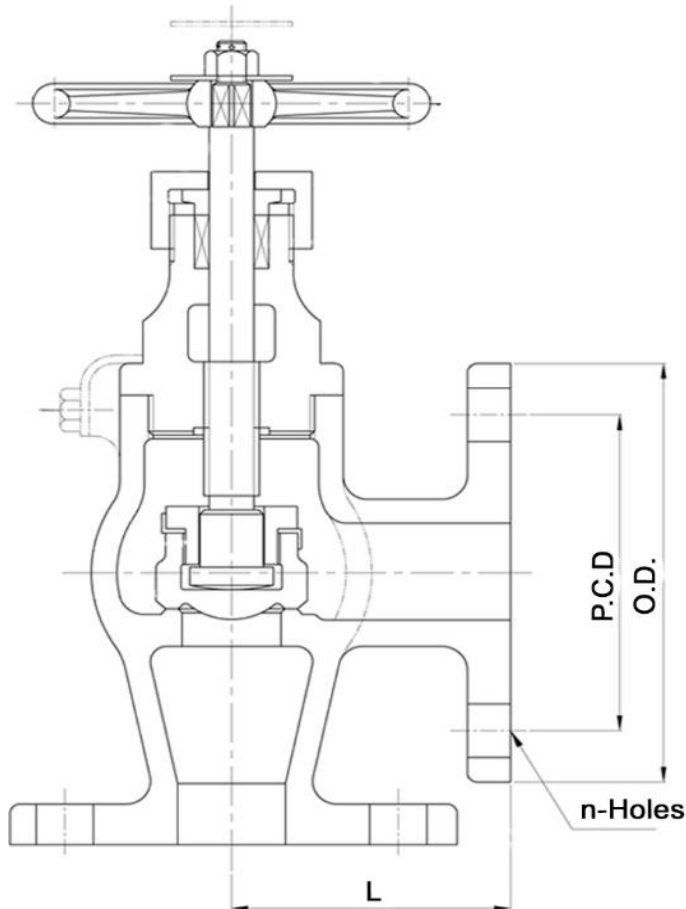
- ❖ Valve type (gate, globe, butterfly...)
- ❖ Body & Disc material (cast iron, cast steel, bronze ...)
- ❖ Seat material (for Butterfly valves) (NBR, VITON, Teflon...)
- ❖ Fluid type, max. working pressure & temperature.
- ❖ Flange Outer Dia (FOD), Pitch Circle Dia (PCD), Number of Holes
Face To Face length / Valve thickness (« L »).
- ❖ Class Certificate requirements

Pay attention when ordering Globe Valves



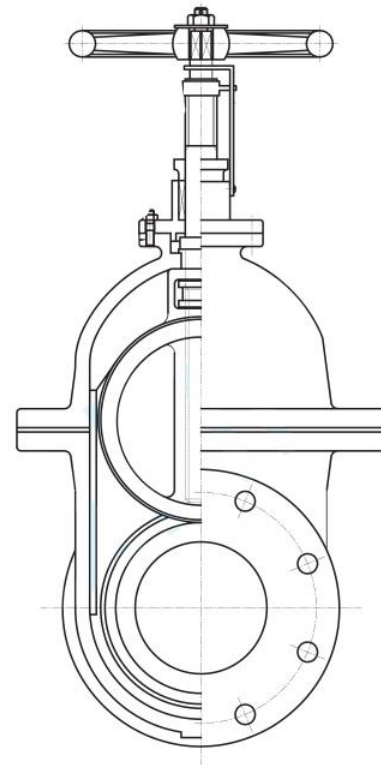
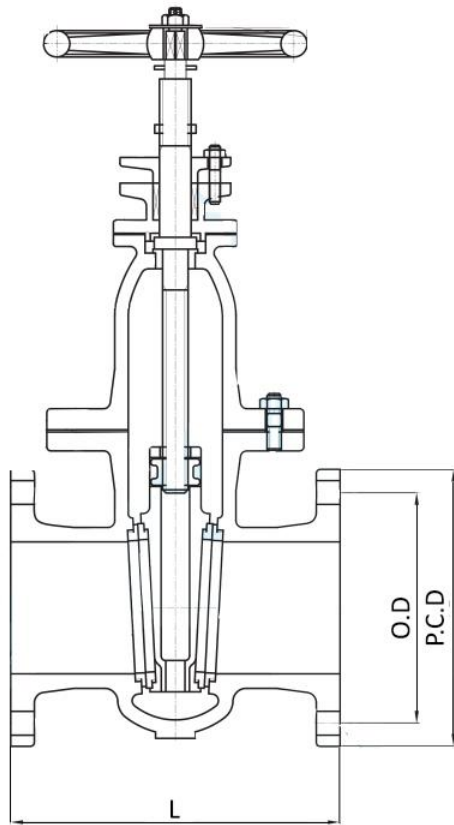
- Valve size
- Disc Type – STOP (Two Way Flow) or Screw Down Non Return (One Way Flow)
- Body & Trim Material
- Flange Outer Dia (FOD)
- Flange Pitch Circle Dia (PCD)
- Number of holes with hole dia
- Face to Face Length (L)
- Indicate if you need CLASS TEST CERTIFICATE 3.2

Pay attention when ordering Angle Valves



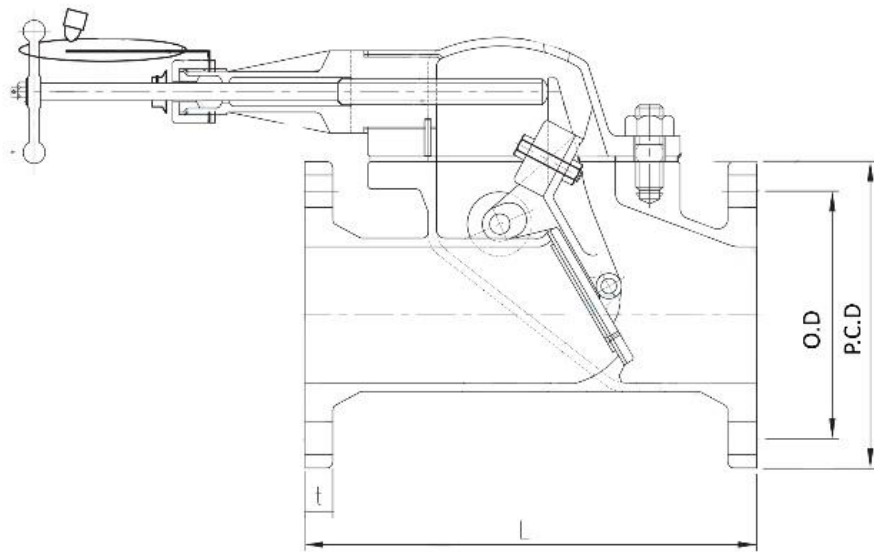
- Valve size
- Disc Type – STOP (Two Way Flow) or Screw Down Non Return (One Way Flow)
- Body & Trim Material
- Flange Outer Dia (FOD)
- Flange Pitch Circle Dia (PCD)
- Number of holes with hole dia
- Center to Face Length (L1)
- Indicate if you need CLASS TEST CERTIFICATE 3.2

Pay attention when ordering Gate Valves



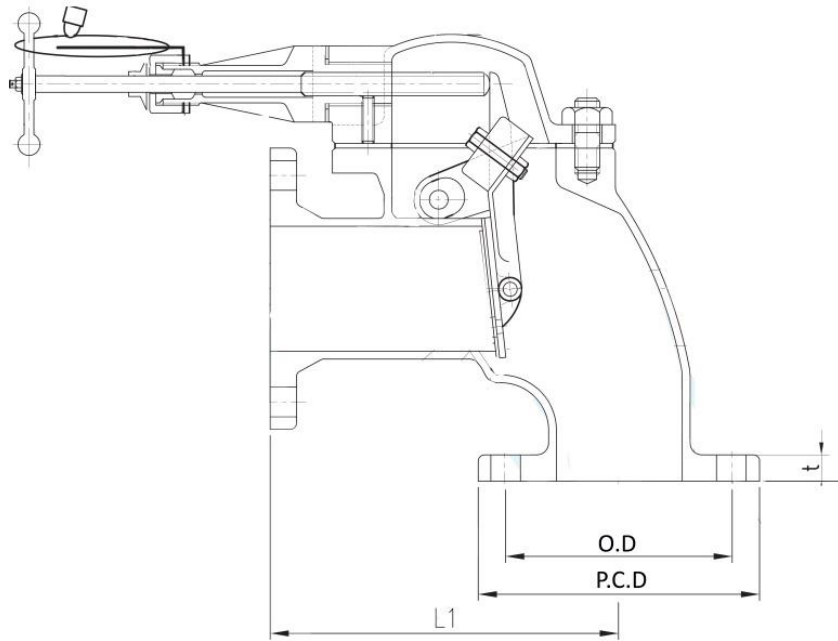
- Valve size
- Body & Trim Material
- Flange Outer Dia (FOD)
- Flange Pitch Circle Dia (PCD)
- Number of holes with hole dia
- Face to Face Length (L)
- Indicate if you need CLASS TEST CERTIFICATE 3.2

Pay attention when ordering Vertical Storm Valves



- Valve size
- Body & Trim Material
- Flange Outer Dia (FOD)
- Flange Pitch Circle Dia (PCD)
- Number of holes with hole dia
- Face to Face Length (L)
- Class Certificate Requirement (MUST)

Pay attention when ordering Angle Storm Valves



- Valve size
- Body & Trim Material
- Flange Outer Dia (FOD)
- Flange Pitch Circle Dia (PCD)
- Number of holes with hole dia
- Center to Face Length (L1)
- Class Certificate Requirement (MUST)

Types of Butterfly Valves

Wafer Type



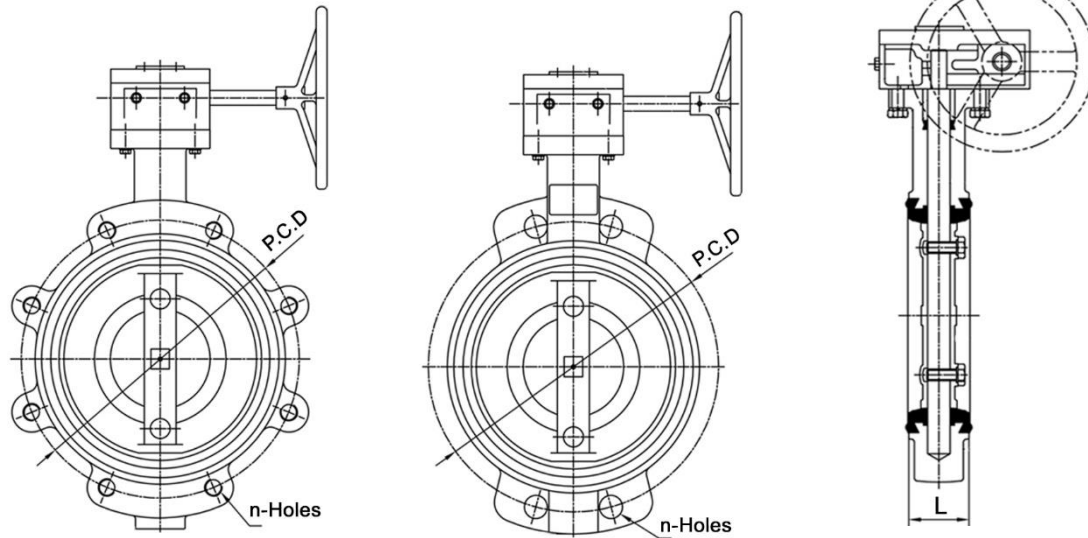
Lug Type



Flanged Type



Pay attention when ordering Butterfly Valves



- Valve size
- Valve Type – Wafer or LUG or Double Flanged
- Type of Fluid ,Working Pressure & Line Temperature
- Body Material
- Disc Material (Alu-Bronze is a MUST for Sea Water)
- Seat Material
- Pitch Circle Dia (PCD) + Number of holes
- Face to Face Length (Valve Thickness) « L »
- Operation : Lever or Gear or Remote Control
- Indicate if you need CLASS TEST CERTIFICATE 3.2

Ordering Butterfly Valve Spares

- ❖ Replaceable seat rings (JIS)
- ❖ Bonded Lined seat rings (DIN)
- ❖ Valve type and Size of the valve
- ❖ Maker name & model number
- ❖ Material of the seat ring : NBR / EPDM / VITON / PTFE / RTFE
- ❖ Name of the spare part if you request a part other than the seat ring. (Disc, gear box, disc pin, packing etc)



Ordering Valves for Chinese Built Vessels

- ❖ Non- Standard piping and flange connections
- ❖ As in some cases valve body standards could be in DIN but flange holes and dimensions could be as JIS.
- ❖ The most reliable solution for this problem is to generate your enquiries as per existing valve's actual flange dimensions along with the valve thickness / face to face.

About Atlas Marine Valves

- ❖ New Member of Atlas Sea Group.
- ❖ Experience in marine supply industry since 1979
- ❖ Wide availability with various types of valves in our warehouses in Turkey, South Korea and Singapore (NEW)
- ❖ Overboard Valves are stocked with class certificates, ready for immediate deliveries.



One shop valve solutions

- ❖ Dedicated team specialized only on valves and valve spare parts.
- ❖ Hands on advise and recommendation for each and every delivery.
- ❖ Onboard inspections for valve identifications and measurements.
- ❖ Reconditioning and flange drillings in very short time.



Worldwide Deliveries



- ❖ Instant worldwide deliveries.
- ❖ Strong cooperation with Global Couriers, Airlines and Forwarders.
- ❖ Professional and Eco Friendly packing.
- ❖ Order tracking.

THANK YOU !!!
