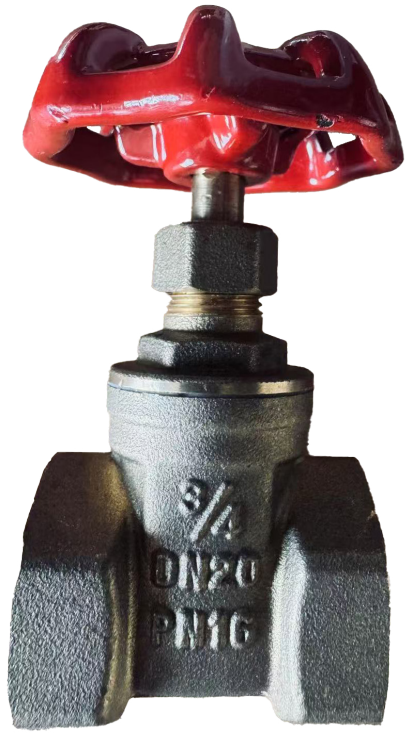
BRASS GATE VALVE WITH CAST-IRON HANDLE - GB100



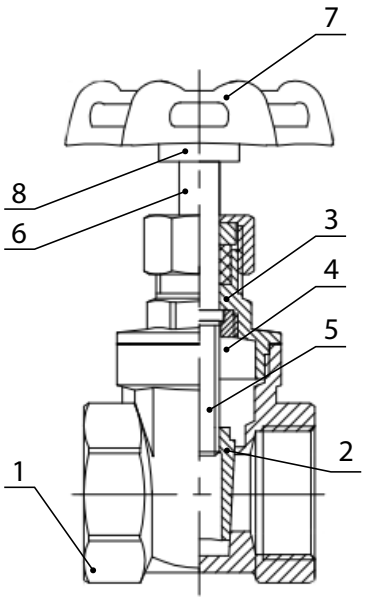
Specifications

DN inch	1/2" - 4"
Working temperature	-10°C to +120°C (from 14°F to 248°F)
Working Pressure	16 Bar (232 psi)
Thread	ISO228 (equivalent to DIN 259 and BS2779)

Advantages

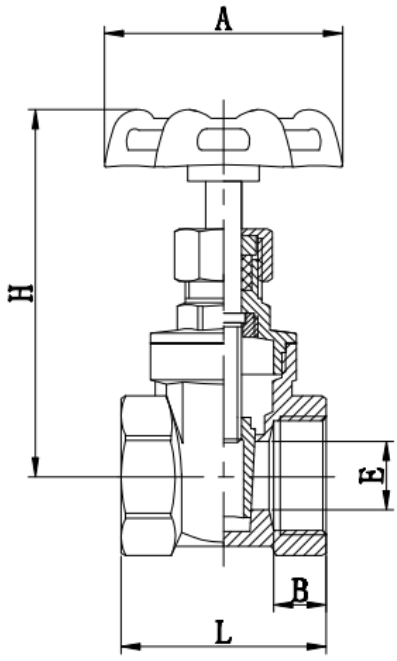
1.Durability and Strength
Brass offers high mechanical strength and resistance to wear, ensuring long service life under various operating conditions.
2.Corrosion Resistance
Brass exhibits excellent resistance to corrosion, especially in potable water systems, reducing the risk of leakage and premature failure.
3.Good Pressure and Temperature Handling
Brass gate valves can withstand moderate to high pressures and temperatures, making them suitable for diverse applications in plumbing, heating, and industrial systems.
4.Reliable Shut-Off
The gate design provides a tight and secure closure with minimal pressure drop, ensuring efficient fluid control.
5.Versatility
Compatible with a wide range of fluids such as water, oil, air, and certain non-corrosive liquids, brass gate valves are versatile in both domestic and industrial use.
6.Ease of Installation and Maintenance
Brass is easy to machine and thread, allowing straightforward installation. Gate valves also require minimal maintenance during their service life.
7.Cost-Effectiveness
Compared to stainless steel or bronze, brass valves offer a balance between performance and affordability, making them a cost-efficient solution.

Nomenclature



Designation	Materials
1.Body	Brass
2.Gate	Brass
3.Filler	PTFE
4.Bonnet	Brass
5.Lock Gap	Brass
6.Stem	Brass
7.Handle	Cast-iron
8.Nut	Stainless steel

Dimensions



DN inch	A	B	H	L	E
1/2”	54	11	71	41	14
3/4”		12	74	43	15
1”	60	12.5	81	48	20
1”1/4	73	13.5	99	53	25
1”1/2			110	55.5	31
2”	80	14.5	129	61	40
2”1/2	100	21	168	80	53
3”	108		176	84.5	60
4”	144		206	90	75