



## Product information

High-pressure steel stop valve, PN160. Used as a shut-off valve for process water, aggressive media, among others. Suitable for industrial applications.

Dimension range (DN)	15 - 50
PN	63 - 160
Temperature (°C)	-10 - 450
Main material	Steel

## Area of use

For applications in industrial installations, hospitals, food and beverages, processing technology, vapour facilities, plant manufacturing. As a shut-off valve for process water, aggressive media, among others.

Flanged connections: 1060A\_F

Butt valve welded connections: 1060A\_S

## Tender text

**PSB.5 Ball valves and needle valves**

## Quality assurance

AFS 2023:5, PED 2014/68/EU

**The product is CE marked**

**Product marking:** Manufacturer, DN, PN, CE, Material and flow direction

## Energy and environment declaration

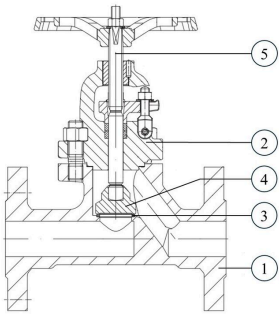
**Reach date:** 12/3/2024 1:00:04 PM

**Reach note:** The product is not covered by REACH

List of details

Pos	Component	Material
1	Body	Steel P250GH (1.0460)
2	Bonnet	Steel P250GH (1.0460)
3	Seat	Steel P250GH (1.0460)
4	Globe	Martensitic stainless steel (1.4021)
5	Spindle	Martensitic stainless steel (1.4021)

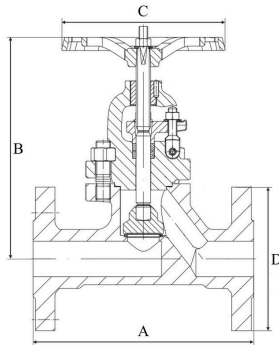
Stellite-reinforced sealing between seat and globe.



Measurements and weight

**Dimension range (DN):** 15 - 50

Item number	A	B	C	D	Net weight (kg)
1060A15F	210	228	180	105	8.9
1060A20F	230	228	180	130	10.5
1060A25F	230	228	180	140	11.5
1060A25S	160	228	180		6.6
1060A40F	260	292	225	170	21
1060A50F	300	300	225	195	27



Function and design

With rising, externally threaded stem. Metal-sealing with a seat reinforced with Stellite.

Max operational pressure and temperature:

- 160bar at 120°C
- 145bar at 150°C
- 130bar at 200°C
- 112bar at 250°C
- 96bar at 300°C
- 90bar at 350°C
- 80bar at 400°C
- 60bar at 450°C

Technical data

**Main material:** Steel  
**Main material code:** Steel P250GH (1.0460)  
**Included materials:** Steel, Stainless steel  
**Included material code:** Martensitic stainless steel (1.4021), Steel P250GH (1.0460)  
**Temperature (°C):** -10 - 450  
**PN:** 63 - 160  
**Connection:** Flanged EN1092, EN12627, butt weld ends  
**ETIM classification:** EC010120 - Globe valve

DN	15	20	25	40	50
KVS	4.2	6.4	8.6	24.2	33

Installation and maintenance

**Flowdirection:** Uni-directional  
**Possible mounting position:** Vertical, Horizontal  
Can be installed with the stem in any direction, but not with downward-facing handwheel. The preferred stem position is vertical. The system should be flushed before commissioning. The valve should be closed during welding.

Please feel free to contact us

We answer your questions by e-mail and telephone. No question is too small, no challenge is too big. You are always welcome at Armatec.

info@armatec.se | +46 31 89 01 00 | [www.armatec.se](http://www.armatec.se)

THE COMPANY'S MANAGEMENT SYSTEM  
IS CERTIFIED BY DNV  
ISO 9001 • ISO 14001