

**Description**

The GAV22/23 is a wedge gate valve, with a bolted bonnet, rising stem & handwheel, solid wedge and integral cast flanges. Manufactured as standard in NiAlBr giving long service life on seawater applications. In conformance with the Pressure Equipment Directive 97/23/EC.

Standard Range,  
GAV22 with integral seats,  
Sizes: 1/2" to 4"  
Connections: ANSI 150 & 300.

GAV23 with renewable seats,  
Sizes: 2" to 4"  
Connections: ANSI 150 & 300.



**Materials**

**Regularly manufactured in a full range of materials including:**

Nickel Aluminium Bronze – ASTM B148  
Nickel Aluminium Bronze - DS02 747 Part 3  
Gunmetal – DS02 830 Part 1  
Bronze – ASTM B61/B62  
Brass – HTB1  
Titanium – ASTM B367  
Hastelloy®  
Monel®

**Other materials available on request**

**Features**

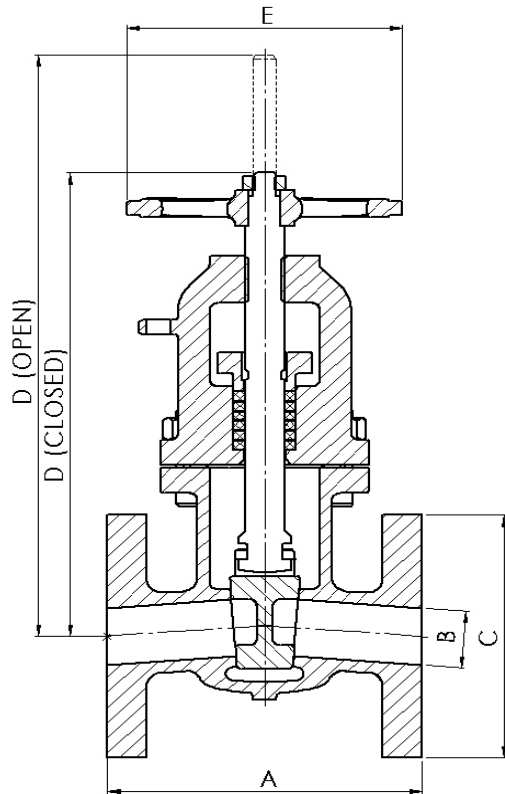
Bolted Bonnet  
Outside screw & yoke  
Rising stem & handwheel  
Solid wedge  
Multiple ring stem packing  
Back seat facility

**Options**

Integral or renewable seats  
Locking facility  
Flexible wedge (4" only)

**Specifications**

ANSI B16.5 Flange Dimensions  
ANSI B16.10 Face to Face Length  
ANSI B16.34 Wall Thickness  
PED Conformity  
Designed generally in accordance with: BSEN 12288 Series A (formerly BS5154)



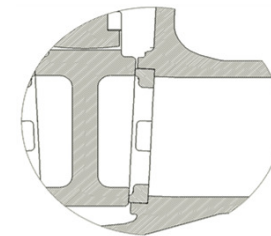
**Dimensions**

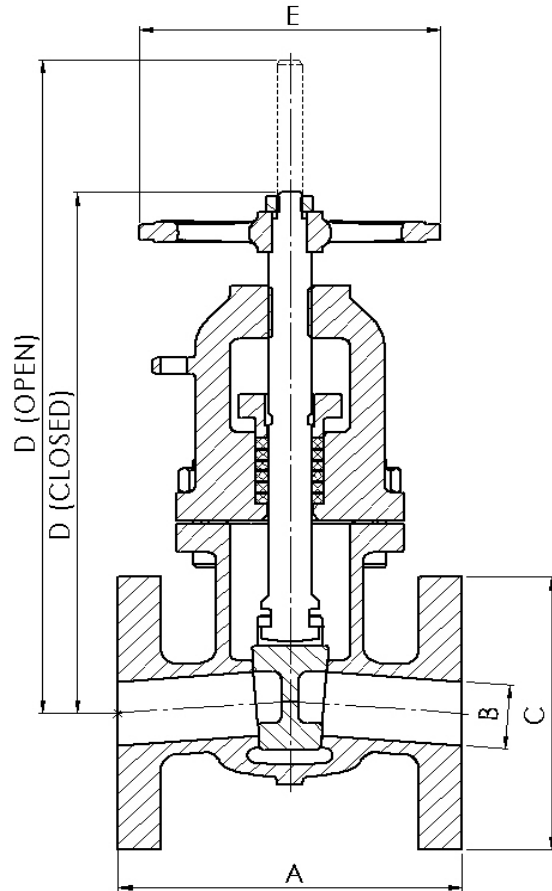
**ANSI 150**

VALVE SIZE		mm						WEIGHT kg
INCH	mm	A	B NB Pipe	C	D			
					CLOSED	OPEN		
1/2"	15	108	13	89	149	169	102	3
3/4"	20	117	20	98	165	188	102	4
1"	25	127	25	108	206	238	102	5
1 1/2"	40	165	40	127	252	296	127	9
2"	50	178	51	152	312	366	178	14
2 1/2"	65	191	64	178	423	488	254	25
3"	80	203	76	191	423	506	254	26
4"	100	229	102	229	506	645	305	42

**GAV22:**  
shown with integral seats

**GAV23:**  
has renewable seats  
( Only 2" and above)





**Dimensions**

**ANSI 300**

VALVE SIZE		mm						WEIGHT kg
INCH	mm	A	B NB Pipe	C	D			
					CLOSED	OPEN	E	
1/2"	15	140	15	89	145	165	102	3
3/4"	20	152	20	98	161	184	102	4
1"	25	165	25	124	203	256	102	7
1 1/2"	40	190	40	127	245	289	127	12
2"	50	216	51	165	312	362	178	19
3"	80	282	76	209	423	506	254	36
4"	100	305	102	229	508	611	305	52

**GAV22:**  
shown with integral seats

**GAV23:**  
has renewable seats  
( Only 2" and above)

