



**1128**

**Globe valve**  
**Bellow sealed**  
**Straight seat type**  
**PN 10-40 DN 15-100**

**Design**  
 Acc. to DIN 3356

**Top part**  
 Outside screw  
 Rising Handwheel  
 Rising stem

**Stem sealing**  
 Bellow with additional  
 stuffing box

**Obturator**  
 Disk

**Body seat**  
 Integral seat

**Valve ends**  
 Flanges acc. to  
 EN 1092-1 (DIN 2501  
 Part 1)

**Requirements and tests**  
 Acc. to DIN 3356 Part 1  
 BA = 1,3 x PN

**Marking**  
 Nominal size DN  
 Nominal pressure PN  
 Body material  
 Manufacturer brand  
 Flow direction arrow

Pos.	Denomination	Material	Pos.	Denomination	Material
1	Body	1.4408	8	Packing	Graphite
2	Yoke	1.4408	9	Gasket	Graphite / 1.4401
3	Handwheel	GTS/GTW	10	Stud bolts	A4-70
5.1	Stem	1.4571	11	Hex. nut	A4
5.2	Bellow	1.4571	16	Hasp screw	1.4571
5.3	Interim plate	1.4571	17	Hex. nut	A4
5.4	Disk	1.4571	18	Washer	1.4571
6	Sleeve	1.4021			
7	Gland	1.4571			

**Face-to-face dimension acc. to EN 558-1 series 1 (DIN 3202-F1)**

DN	15	20	25	32	40	50	65	80	100
L	130	150	160	180	200	230	290	310	350
H	175	225	225	230	270	285	340	370	410
H1	185	240	240	250	300	320	360	395	450
$\varnothing d$	100	120	120	120	140	160	180	180	200
PN	b								
10	kg						use PN 16		
PN	b						18	20	20
16	kg		use PN 40						
PN	b								
25	kg						use PN 40		
PN	b	16	18	18	18	20	22	24	24
40	kg								
$k_{vs}$	4	6,3	10	16	25	40	63	100	160

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PN 10-40 DN 15-100****Pressure/Temperature ratings in bar g at Temperature in °C**

Material	PN	50°C	100°C	120°C	150°C	200°C	250°C	300°C					
»1.4408« GX6CrNiMo18-10-2 EN 10213	10	10,0	8,2	8,2	7,2	6,2	5,7	5,1					
	16	16,0	13,2	13,2	11,6	10,0	9,1	8,2					
	25	25,0	20,7	20,7	18,1	15,7	14,2	12,8					
	40	40,0	33,1	33,1	29,0	25,1	22,8	20,5					

**Modifications**

Heating jacket

**Installation**

Piping is to be in such a manner that injurious thrust and bending forces are kept away from the valve casings. Globe valves are usually installed thus allowing the liquid to enter below the plug and to leave above it. When turning the handwheel it is not allowed to use additional levers.

06/2008 - 1128.100-400.205e – Subject to change without notice