

# GLOBE VALVE

Cast iron GG25 with stuffing box seal NP 16

**Art. 085.0215 Straight**

**Art. 085.0216 Angle**



Art. 085.0215

**Execution:** body and bonnet in cast iron - stuffing box in GG 25 UNI 668 - shutter in forged steel - seats and seal rings in stainless steel 13% Cr. - external screw shaft in wiredrawn steel - flange connection UNI 2278 NP 16 with relief UNI 2229.

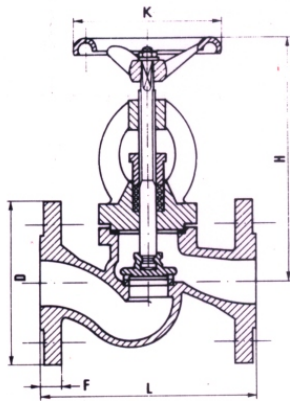
**Diameters: ND 15 ÷ ND 250**

Max pressure 16 bar

Max temperature 300°C

**Employments:** steam - water - gas - air - petrol - oils.

**On request:** regulation parabolic shutter - handling pole with micrometric screw-cutting - opening index - version with angle connections (**Art. 085.0216**).



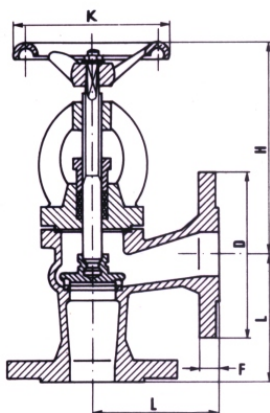
Sec. Art. 085.0215

### Working pressures and temperatures

Nominal Diameter	Nominal Pressure bar	Test pressure bar		Working Pressure (bar) related to temperature				
		Open	Closed	120°C	160°C	200°C	250°C	300°C
15-80	16	24	16	16	15.0	14	13.0	12.5
100-200	16	24	16	16	15.0	14	13.0	-
250	10	15	10	10	9.5	9	8.5	-

### Sizes

ND	Kv m <sup>3</sup> /h	D	F	K	Holes			Art. 085.0215		Art. 085.0216	
					Centre	n	Ø	L	H	L	H
15	4	95	14	100	65	4	14	130	190	90	155
20	8	105	16	100	75	4	14	150	190	95	160
25	12	115	16	120	85	4	14	160	200	100	165
32	20	140	18	120	100	4	18	180	210	105	170
40	31	150	19	140	110	4	18	200	260	115	225
50	48	165	20	140	125	4	18	230	265	125	230
65	81	185	20	160	145	4	18	290	300	145	260
80	122	200	22	180	160	8	18	310	340	155	300
100	191	220	24	200	180	8	18	350	380	175	340
125	298	250	26	250	210	8	18	400	430	200	390
150	430	285	26	320	240	8	22	480	475	225	420
200	764	340	30	360	295	12	22	600	610	275	520



Sec. Art. 085.0216

**N.B.:** If the operative pressure exceeds the below listed values, the valve must be produced with balanced cone shutter and installed in the opposite way, that is with the pressure above the shutter, to make the opening and closing handle easy.

ND	250	300	350	400
BAR	9	6	4.5	4.5

