

# INDUSTRIAL VALVES

## CAST STEEL CHECK VALVE

### PRESSURE - TEMPERATURE RATING

#### Primary services pressure non - shock

Steam (at 850 F) 10.5 Kg/cm<sup>2</sup>  
 Water, Oil And Gas 20.0 Kg/cm<sup>2</sup>

#### Maximum allowable temperature limitations

1000 F for Oil and oil Vapour  
 800 F for Steam, Water, Air And Gas

#### Note

Eye Bolts are securely fastened to covers in size 6" and large valves for easy installation and maintenance.

#### Standards

All Valves conform to the applicable ANSI Standards in class 150 and API Std.No.6D.



[Enlarge view](#)

### CL 150 CHECK VALVE MAJOR DIMENSION

DIMENSION ARE IN M.M. AND WEIGHT IN KGS

Size	50	65	80	100	150	200	250	300	350
<b>A</b>	203	216	241	292	356	495	622	698	787
<b>B</b>	170	184	190	222	309	297	400	437	479
<b>C</b>	152	179	190	229	279	343	406	483	533
<b>D</b>	19	221	24	24	25	28	30	32	35
<b>E</b>	19	22	24	24	25	28	30	32	35
<b>Wt.Kg Approx</b>	20	27	35	57	97	163	251	350	476

### CL 300 CHECK VALVE MAJOR DIMENSION

DIMENSION ARE IN M.M. AND WEIGHT IN KGS

Size	50	65	80	100	150	200	250	300
<b>A</b>	267	292	318	356	444	533	622	711
<b>B</b>	200	213	217	281	343	390	465	490
<b>D</b>	165	190	209	254	317	381	444	521
<b>E</b>	22	25	28	32	36	41	48	51
<b>Wt.Kg Approx</b>	36	45	55	87	155	265	383	541

## CAST STEEL GLOBE VALVE

### PRESSURE - TEMPERATURE RATINGS

#### Primary services pressure non - shock

Steam (at 850 F) 10.5 Kg/cm<sup>2</sup>  
 Water, Oil And Gas 20.0 Kg/cm<sup>2</sup>

#### Maximum allowable temperature limitations

1000 F for Oil and oil Vapour  
 800 F for Steam, Water, Air And Gas

#### Standards

All Valves conform to the applicable ANSI Standards in class 150 and API Std.No.6D.

### CL 150 GLOBE VALVE MAJOR DIMENSION

DIMENSION ARE IN M.M. AND WEIGHT IN KGS

Size	50	65	80	100	150	200	250	300
<b>A</b>	203	216	241	292	406	495	622	698
<b>B</b>	368	387	411	454	521	638	746	830
<b>C</b>	203	203	254	254	356	457	508	559
<b>D</b>	152	179	190	229	279	343	406	483
<b>E</b>	19	22	24	24	25	28	30	32
<b>Wt.Kg Approx</b>	26	35	41	66	115	185	273	389

**CL 300 GLOBE VALVE MAJOR DIMENSION**  
 DIMENSION ARE IN M.M. AND WEIGHT IN KGS

Size	50	65	80	100	150	200	250	300
<b>A</b>	267	292	318	356	444	559	622	711
<b>B</b>	400	438	464	565	718	783	894	1017
<b>C</b>	229	254	254	36	406	610	686	762
<b>D</b>	165	190	209	254	317	381	444	521
<b>E</b>	22	25	28	32	36	41	48	51
<b>Wt.Kg Approx</b>	36	52	65	101	193	306	409	590

**CAST STEEL SOLID WEDGE GATE VALVE**

<b>PRESSURE - TEMPERATURE RATINGS</b>	
<b>Primary services pressure non - shock</b>	
Steam (at 850 F)	10.5 Kg/cm <sup>2</sup>
Water, Oil And Gas	20.0 Kg/cm <sup>2</sup>
<b>Hydrostatic test pressures</b>	
Shell	31.6 Kg/cm <sup>2</sup>
Seat	22.1 Kg/cm <sup>2</sup>
<b>Maximum allowabel temperature limitations</b>	
1000 F For Oil and oil Vapour	
800 F for Steam, Water, Air And Gas	
<b>Note</b>	
1. Yoke in size 350 to 600 is fitted with thrust bearing to reduce operating torque.	
2. When specially ordered 400 and large sized gate valves will be furnished with 13% chormium stainless steel trim quotation given upon request.	

**CL 150 SOLID GATE VALVED MAJOR DIMENSION**  
 DIMENSION ARE IN M.M. AND WEIGHT IN KGS

Size	50	65	80	100	150	200	250	300	350	400	450	500	600
<b>A</b>	178	190	203	229	267	262	330	356	381	406	432	451	508
<b>B</b>	364	413	479	559	758	989	1206	1397	1575	1884	2127	2372	2753
<b>C</b>	179	179	225	251	300	356	400	451	560	686	762	914	914
<b>D</b>	152	179	190	229	279	343	406	483	533	597	635	698	813
<b>E</b>	19	22	24	24	25	28	30	32	35	36	40	43	48
<b>WT. Kg. Approx</b>	18	24	32	53	87	143	215	304	390	390	662	820	1016

**CL 300 SOLID GATE VALVED MAJOR DIMENSION**  
 DIMENSION ARE IN M.M. AND WEIGHT IN KGS

Size	50	65	80	100	150	200	250	300
<b>A</b>	216	241	282	305	403	419	457	502
<b>B</b>	425	475	525	602	810	1086	1270	1473
<b>C</b>	203	203	229	305	406	508	610	610
<b>D</b>	165	190	209	254	317	381	444	521
<b>E</b>	22	37	53	82	153	235	348	500
<b>Wt.Kg Approx</b>	29	37	53	82	153	235	348	500