

# SLUICE VALVES

IS:14846



Materials used conform to the requirements of IS: 14846. The valves are manufactured with stainless steel/brass stem of non-rising type and bronze rings fitted in machined recesses in body and wedge. The ends are flanged and drilled to IS: 1538/IS: 14846. Valves of Sizes 200 mm and above have separate stuffing box. High grade gland packing is used. The valves are marked with ISI mark.

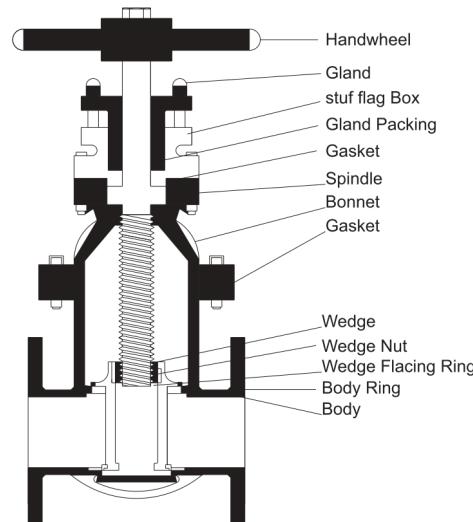
**OUR QUALITY CONTROL PROCEDURES  
AS PER ISO 9001 ENSURE  
CONSISTENT PRODUCT QUALITY  
FOR OPTIMUM CUSTOMER SATISFACTION**



## MATERIALS

All parts are manufactured out of best available graded materials after proper testing. Materials used for different parts are detailed her below:.

PART NAME	MATERIAL	SPECIFICATION
Body, Bonnet, Wedge Stuffing box, Gland Thrust plate, Handwheel	Cast Iron	IS : 210 FG 200
Body Rings, Wedge nut, Wedge facing Rings	Bronze	IS : 318 LTB 2
Spindle	High Tensile Brass Stainless Steel	IS : 6912 FHTB2 IS : 6603-12 Cr12
Gaskets	Rubber	IS : 638 Type B
Gland Packing	Asbestos	IS : 4687



**TEST CERTIFICATES DULY SIGNED BY QUALITY CONTROL  
ENGINEER ARE ISSUED FOR ALL THE VALVES**

Nom. Pressure Rating	HYDRAULIC TEST PRESSURE	
	Body	Seat
PN 1.0	1.5Mpa	1.0Mpa
PN 1.6	2.4Mpa	1.6Mpa

Vide licence number CM/L-9664297 we are authorised use ISI mark on C.I. Sluice Valves Config. to IS: 14846-2000 PN 1.6

DIMENSION	VALVE SIZE									
	50	65	80	100	125	150	200	250	300	
Length over Flanges	+2	178	190	203	229	254	267	292	330	356
Centre to Top Height	Max	365	380	425	470	485	595	725	835	910
Handwheel Dia +5	PN 1.0	225	225	225	320	320	320	360	400	400
	PN 1.6	280	280	280	360	360	360	450	640	640
Flange Dia		165	185	200	220	25	285	340	395	445
Flange Thickness		16	16	21	22	22.5	23	24.5	26	27.5
P.C.D. of Holes		125	145	160	180	210	240	295	350	400
Hole Dia		19	19	19	19	19	23	23	23	23
Hole Nos.		4	4	4	8	8	8	12	12	12