



HAMMER BLIND VALVES



NON-SPREAD - NON SPILL TYPE (VISIBLE WEDGE NO RIGID)

Hammer Blind Valves are used in applications where no line movement is possible and where spillage is unacceptable.

The Visible Wedge line blind has spectacle plate unit which is Wedge Shaped and is operated for reversal by means of threaded stem and handwheel.

Stem is made from wrought Stainless Steel for maximum strength.

A positive blinding, both upstream and downstream, is achieved by the precision machined, metal to metal fit of the wedge seats, augmented by 'O' ring seals.

A ratched type safety lock, allows the handwheel to be tightened, but prevent accidental loosening due to any shock load in the line.

After testing all steel valves are drained of water or test fluid. Valves are sprayed internally with rust prevention fluid and painted externally with dark grey hammertone heat resistant paint. Hand wheels are normally painted black.

● SPECIFICATION ●

Cast Carbon steel Hammer Blind Valves, OS & Y type, Rising Stem, Solid and Hollow Wedge, fitted with synthetic rubber/ PTFE insert, pressed - in seats of 13 Cr Stainless Steel. Ends flanged to ANSI B 16.5 and face to face ANSI B 16.10, allow easy substitution in existing pipelines. Valves 14" size and above are generally fitted with Bevel Gear for easy operation.

● MATERIAL SPECIFICATIONS ●

REF. NO	COMPONENT	MATERIAL
01	Body	ASTM A 216 - WCB
02	Seat Ring	13 Cr SS
03	Pillar	En 19
04	Bridge	ASTM A 216 - WCB
05	Fork	ASTM A 216 - WCB
06	Spindle	13 Cr SS
07	Solid Wedge	ASTM A 216 - WCB
08	Hollow Wedge	ASTM A 216 - WCB
09	Wedge Ring	Synthetic Rubber/PTFE
10	Wedge Holder	13 Cr Ss
11	Sleeve	Gun metal / ASTM A 439-D2
12	Handwheel	Cast Steel
13	Handle Nut	Carbon Steel
14	Sleeve Nut	Carbon Steel
15	Drain Plug	Carbon Steel
16	Locking Arm	Carbon Steel
17	Hinge pin	13 Cr SS
18	Spindle pin	13 Cr SS
19	Ratchet	Aluminium

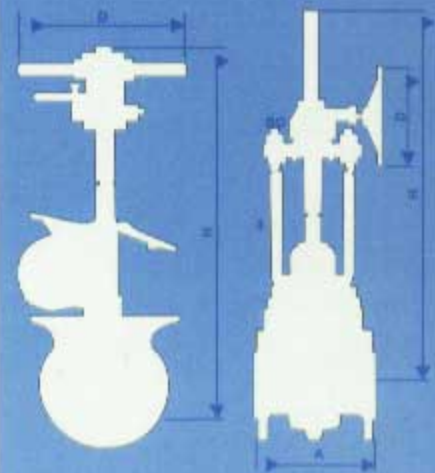
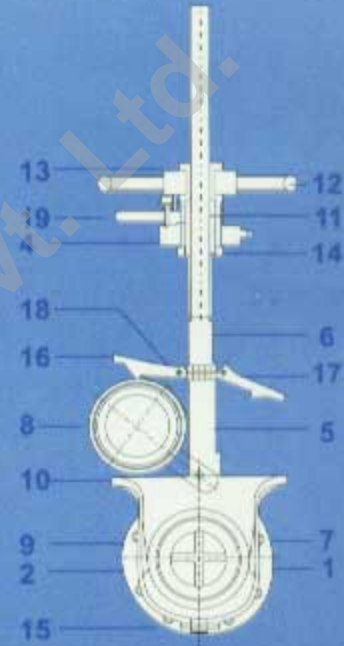
● DIMENSIONS ●

Class Fig. No	Nominal Size		A (mm)	H(mm)		D (mm)	Approx. Weight (Kg)
	Inch	mm		Close	Open		
Class 150 MVI-54	2	50	178	410	518	205	23
	3	80	203	515	656	250	37
	4	100	229	600	770	315	60
	6	150	267	736	943	400	90
	8	200	292	920	1175	400	140
	10	250	330	1030	1336	500	180
	12	300	356	1230	1603	500	280
	*14	350	381	1310	1710	500	340
	*16	400	406	1380	1820	300	428
	*18	450	432	1525	2025	300	540
	*20	500	457	1645	2175	300	650
	*24	600	508	1943	2605	460	990
*26	650	559	2060	2750	460	1200	
*28	700	610	2185	2905	460	1450	
Class 300 MVI-66	2	50	216	410	518	205	25
	3	80	283	515	656	250	49
	4	100	305	600	770	315	74
	6	150	403	736	943	400	130
	8	200	419	920	1175	500	200
	10	250	457	1030	1336	500	250
	12	300	502	1230	1603	600	370
	14	350	762	1346	1746	600	440

NOTE : Dimension 'H' for sizes marked with asterisk (*) are for Bevel Gear operation.

**FIGURE NO.
CLASS 150
FLANGED-MVI-54**

**CLASS 300
FLANGED-MVI-66**



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