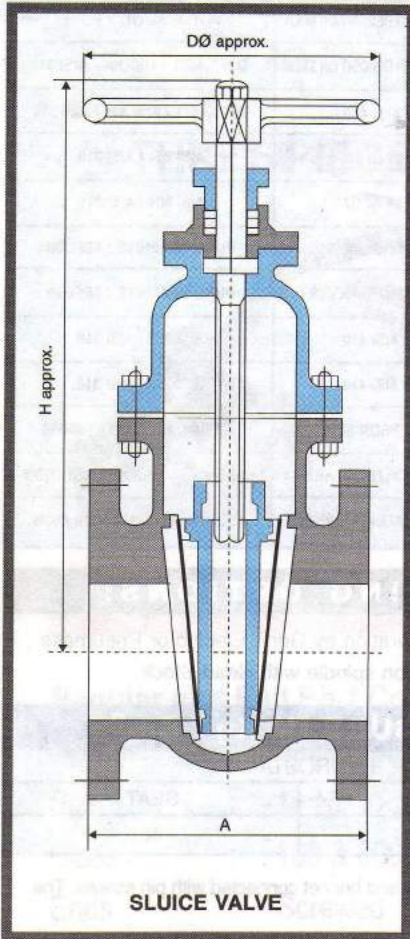
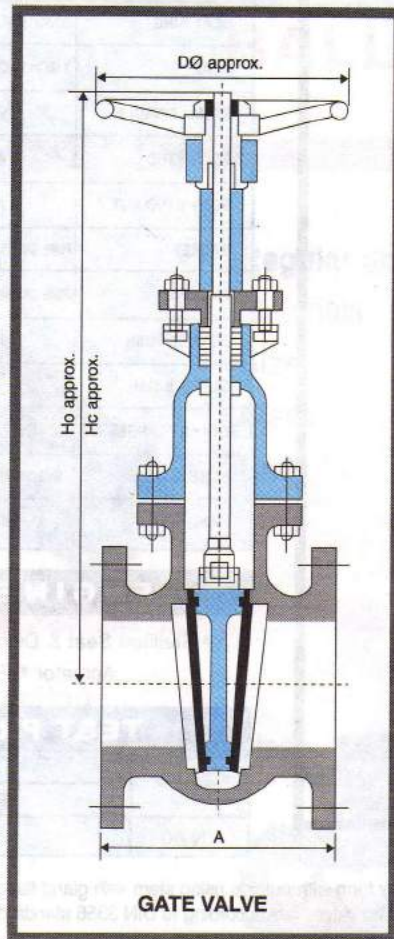


CAST IRON GATE VALVE

PN 16 AS PER DIN 3352 F5, PN 10 / 16 AS PER BS 5150, CLASS 125 AS PER ASA
SLUICE VALVE
 CLASS 1 / CLASS 2 AS PER IS 780



SLUICE VALVE



GATE VALVE

MATERIAL SPECIFICATION

COMPONENTS	MATERIAL SPECIFICATION
BODY	CAST IRON - GG 25 / IS 210 Gr. FG 200 / 220
BONNET	CAST IRON - GG 25 / IS 210 Gr. FG 200 / 220
WEDGE	CAST IRON - GG 25 / IS 210 Gr. FG 200 / 220
WEDGERING	STAINLESS STEEL - X 10 Cr 13 / AISI 410
SEAT	STAINLESS STEEL - X 10 Cr 13 / AISI 410
SPINDLE	STAINLESS STEEL - X 10 Cr 13 / AISI 410
BACKSEAT	STAINLESS STEEL - X 10 Cr 13 / AISI 410
GLAND	CAST IRON - GG 25 / IS 210 Gr. FG 200 / 220
GLAND PACKING	PURE GRAPHITE / GRAPHITED ASBESTOS
GASKET	PURE GRAPHITE / GRAPHITED ASBESTOS
HAND WHEEL	CAST IRON / MALLEABLE IRON

ENGINEERING OPTIONS:

- Gun Metal / Bronze working parts
- Operated by Gear, Electric / Pneumatic Actuator
- Extended spindle.

TEST PRESSURE IN Kg / Cm²

CLASS	HYDROSTATIC	
	BODY	SEAT
CLASS 1	20	10
CLASS 2	30	15
PN 10	16	10
PN 16	25	16
CLASS 125	24	14

CONSTRUCTION:

GATE: Outside Screw and Yoke type, rising spindle, non-rising hand wheel, bolted bonnet, solid wedge, renewable seating and Back seating.
 SLUICE: Inside screw, non-rising spindle, non-rising hand wheel, bolted bonnet and solid wedge.

Flange Details : Refer Page 11

DIMENSIONS

SIZE (NB)	SLUICE VALVE IS 780			DIN 3352 F5 PN 16				BS-5150 PN 10 / 16, ASA CLASS 125			
	A	D	H	A	D	Ho	Hc	A	D	Ho	Hc
50	215	225	425	250	225	370	295	178	225	360	349
65	230	225	437	270	225	430	345	190	225	415	387
80	230	225	462	280	225	480	375	203	225	425	413
100	255	320	511	300	320	600	475	229	320	510	464
125	266	320	600	325	320	700	550	254	320	595	533
150	280	320	645	350	320	775	600	267	320	685	584
200	318	360	733	400	360	990	760	292	360	860	708
250	355	400	864	450	400	1200	910	330	400	1010	803
300	380	450	943	500	450	1370	1035	356	450	1110	892