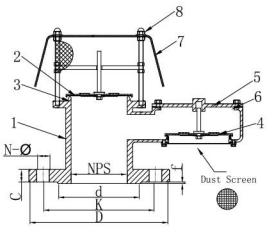
VTV Pressure Vacuum Relief Valve / Breather Valve

Connection : Universal

Model : BR (BREATHER VALVE)

BR



◆ **Product Advantage :**
- High ventilation capacity
- Good sealing
- Allowable leakage less than requirements of API2000
- Replace valve plates on-site easily.

Technical Detail	
Housing Material	WCB
Internal Material	SS304
Connection Flangel	ANSI 150LB #RF
Setting Pressure	+100mmH20
Setting Vacuum	-30mmH20

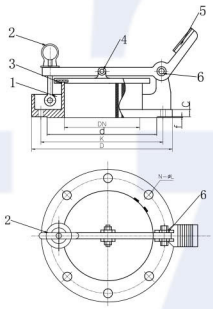
◆ **MATERIAL :**

No	Code	Part Name	Material
1	BR	Body	WCB
2	BR	Pressure Pallet	SS304+FEP
3	BR	Seat	SS304
4	BR	Vacuum Pallet	SS304+FEP
5	BR	Cover	WCB
6	BR	Gasket	PTFE
7	BR	Cap	SS304
8	BR	All of fastener	SS304

◆ **AVAILABE SIZE :**
2" (50mm) - 12" (300mm)

Model : GH (GAUGE HATCH)

GH



◆ **Product Advantage :**
- Good sealing
- Easy to operate
- Replace valve plates on-site easily.

Technical Detail	
Design Standard	EN16852
Flange Standard :	ANSI 150#RF
Max Operating Pressure	30bar
Design Temperature	-30/+60°C
Medium	Gas/Air

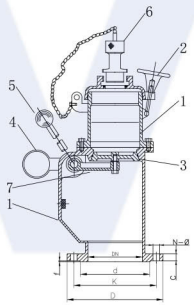
◆ **MATERIAL :**

No	Code	Part Name	Material
1	GH	Body	WCB
2	GH	Handwheel	SS304
3	GH	Cover	Rubber
4	GH	Eye Bolt	SS304
5	GH	Pedal	WCB
6	GH	Eye Bolt	SS304

◆ **AVAILABE SIZE :**
4" (100mm) - 6" (150mm)

Model : LK-HB (ENVIRONMENTALLY TYPE GAUGE HATCH)

LKHB - 100



◆ **Product Advantage :**
- Good sealing
- Easy to operate
- Replace valve plates on-site easily.

Technical Detail	
Design Standard	EN16852
Flange Standard :	ANSI 150#RF
Max Operating Pressure	30bar
Design Temperature	-30/+60°C
Medium	Gas/Air

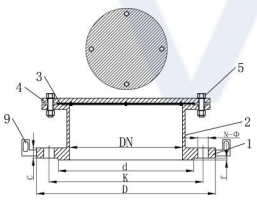
◆ **MATERIAL :**

No	Code	Part Name	Material
1	LKHB-100	Body	WCB
2	LKHB-100	Handwheel	WCB
3	LKHB-100	Gasket	Fluororubber O-ring
4	LKHB-100	Stabilizer Bar	WCB
5	LKHB-100	Action Bar	WCB
6	LKHB-100	Sealing Plug	Aluminium
7	LKHB-100	Rotation Shaft	SS304

◆ **AVAILABE SIZE :**
4" (100mm) - 6" (150mm)

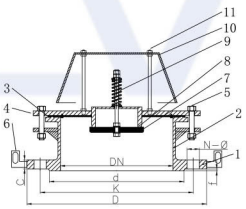
Model : EBM (EMERGENCY BREATHING MANHOLE)

EBM



Model : EBM - II (EMERGENCY BREATHING MANHOLE)

EBM - II



Technical Detail	
Housing Material	WCB
Seat Material	SS304
Connection Flangel	ANSI 150LB #RF
Setting Pressure	+200mmH20
Setting Vacuum	-30mmH20

◆ **Product Advantage :**
- Good sealing
- Allowable leakage less than requirements of API2000,
- Replace valve plates on-site easily

◆ **MATERIAL :**

No	Code	Part Name	Material
1	EBM	Flange	WCB
	EBM-II		
2	EBM	Body	WCB
	EBM-II		
3	EBM	Seat	SS304
	EBM-II		
4	EBM	Pressure Pallet	WCB+FEP
	EBM-II		
5	EBM	Nut&Bolt	SS304
	EBM-II		
6	EBM-II	Seat	SS304
7	EBM-II	Vacuum Pallet	SS304+FEP
8	EBM-II	Sping	SS304
9	EBM	Ear	WCB
	EBM-II		
10	EBM-II	Cap	SS304
11	EBM-II	All of fastener	SS304

◆ **AVAILABE SIZE :**
12" (300mm) - 24" (600mm)

Remark:
1. During the hoisting of pressure relief manhole, triangle fixing method shall be adopted and hoisting shall be conducted vertically to ensure that the tripping of pressure relief manhole is vertical.
2. The inside of the tank shall be clean and free from large solid particles (such as sand, gravel or iron chips).
3. In order to ensure the normal operation of the pressure relief manhole within the normal temperature range, it should be used as the safety equipment for daily maintenance and inspection. If the sealing surface is found to be frosted or crystallized, it should be cleaned in time to prevent damage to the diaphragm.
4. Design and manufacturing standards shall be in accordance with API 2000
5. Carry out leakage test according to API 2000, i.e. measure the leakage of the valve at 85% of the set pressure.