

PRESSURE RELIEF VALVE

Pressure Relief Valve-VCP-B Series

The VCP series pressure relief valve is used to discharge the high pressure in the cement silo. When the pressure reaches the preset pressure limit, these valves begin to operate.



VCP-B

- Carbon steel body (VCP2731 / VCP3751) painted RAL 7001 or 304 stainless steel body (VCP2732 / VCP 3752)
- Temperature inside vessel: -20 to 80° C
- Ambient temperature inside casing: -20 to 70° C
- Body diameter = 273 / 356mm (10" / 14") Air volume up to 7,000m³/h (4,120 cfm) for VCP273 or 13,000m³/h (7,650 cfm) for VCP375
- Equipment for inductive signalling sensors
- All standard versions preset for an activation negative pressure of - 0.005 bar (0.07 psi) and an excess pressure of + 0.05 bar (0.72 psi)
- In case of particular customer requirements calibration can be changed by means of a special spring kits



How To Order

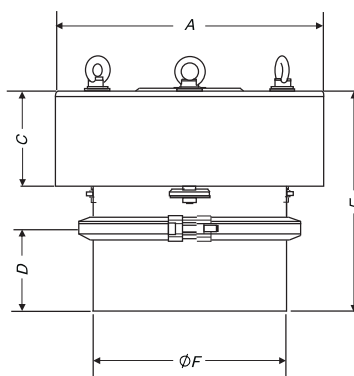
VCP	273	1	B
Type	External pipe diameter	Valve body material	Variant style
Spring-Loaded Pressure Relief Valve	273 mm	0 = Carbon steel body 1 = Carbon steel body and stainless steel 2 = Stainless steel body AISI304 3 = Stainless steel body AISI316	B =Clip

Pressure Relief Valve

Calibration by manufacturer

Pressure
500 mm H₂O

Negative Pressure
-20mm H₂O



Pressure
280→1000mm H₂O *

Negative Pressure
-20→-120mm H₂O *

CONNECTION SIZE

Type	A	B	C	D	E	ΦF	kg	Body	LxWxH (mm)
VCP2730	380		125	120	325	273	12	WCB	410x410x375
VCP2731								WCB	
VCP2732								SUS304	
VCP2733								SUS316	

Dimensions in mm

PRESSURE RELIEF VALVE

Pressure Relief Valve-VCP-C-Series

The VCP series pressure relief valve is used to discharge the high pressure in the cement silo. When the pressure reaches the preset pressure limit, these valves begin to operate.



VCP-C

Performance & Technical Features

- Carbon steel body (VCP2731 / VCP3751) painted RAL 7001 or 304 stainless steel body (VCP2732 / VCP 3752)
- Temperature inside vessel: -20 to 80° C
- Ambient temperature inside casing: -20 to 70° C
- Body diameter = 273 / 356mm (10" / 14") Air volume up to 7,000 m3/h (4,120 cfm) for VCP273 or 13,000m3/h (7,650 cfm) for VCP375
- Equipment for inductive signalling sensors
- All standard versions preset for an activation negative pressure of - 0.005 bar (0.07 psi) and an excess pressure of + 0.05 bar (0.72 psi)
- In case of particular customer requirements calibration can be changed by means of a special spring kits



How To Order

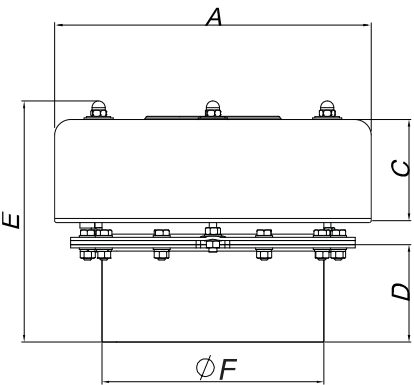
VCP	273	1	C
Type	External pipe diameter	Valve body material	Variant
Spring-Loaded Pressure Relief Valve	273 mm	0 = Carbon steel body 1 = Carbon steel body and stainless steel 2 = Stainless steel body AISI304 3 = Stainless steel body AISI316	C = Flange

Pressure Relief Valve

Calibration by manufacturer

Pressure
500 mm H₂O

Negative Pressure
-20mm H₂O



Pressure
280→1000mm H₂O *

Negative Pressure
-20→-120mm H₂O *

CONNECTION SIZE

Type	A	B	C	D	E	ΦF	kg	Body	LxWxH (mm)
VCP2730C	380		125	120	325	273	12	WCB	410x410x375
VCP2731C								WCB&SUS304	
VCP2732C								SUS304	
VCP2733C								SUS316	

Dimensions in mm