

# NFPA 68 VENT SIZING INFO

**Company name:**

## Required information

|                    |       |                                                             |
|--------------------|-------|-------------------------------------------------------------|
| Dust or gas media  |       |                                                             |
|                    | Value | Units                                                       |
| Po                 |       | Normal operating pressure                                   |
| Pstat              |       | Pressure the vent will open at                              |
| Pred               |       | 2/3 Max. Allowable Working Pressure of the unit             |
| Cycling            |       | Will the pressure or temperature fluctuate during operation |
| Vacuum requirement |       | Negative pressure                                           |
| Duct length        |       |                                                             |

## Dust values

|      |  |         |
|------|--|---------|
| Kst  |  | bar-m/s |
| Pmax |  | barg    |

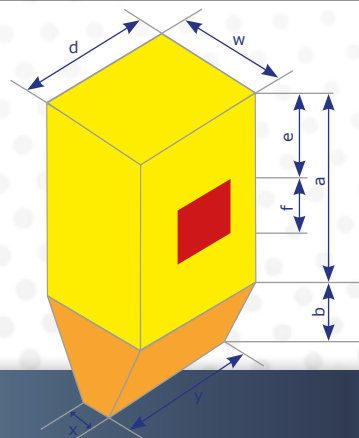
## Gas values

|      |  |      |
|------|--|------|
| Su   |  | cm/s |
| Pmax |  | barg |

## Vessel dimensions

Depending on geometry, not all dimensions may be needed

|   |       |       |
|---|-------|-------|
|   | Value | Units |
| a |       |       |
| b |       |       |
| d |       |       |
| w |       |       |
| x |       |       |
| y |       |       |



|   |       |       |
|---|-------|-------|
|   | Value | Units |
| a |       |       |
| b |       |       |
| c |       |       |
| d |       |       |

