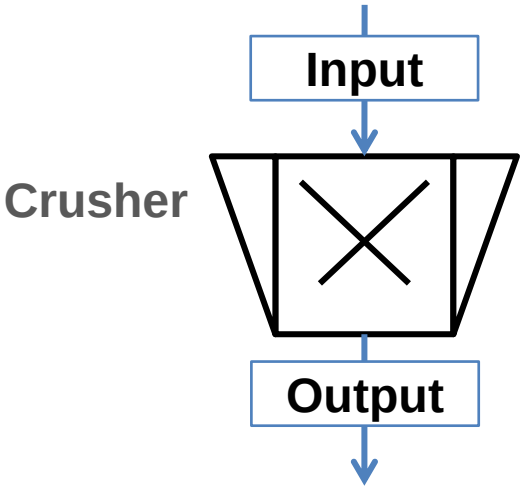
Crusher Const output

General description



This model sets a normal distribution with the specified constant parameters to the output stream. Outlet distribution does not depend on the inlet distribution.

$$q_3(x) = \frac{1}{\sigma\sqrt{2\pi}} e^{-\frac{(x-\mu)^2}{2\sigma^2}}$$

- $q_3(x)$ is the output mass related density distribution
- σ is the standard deviation of the output normal distribution
- μ is the mean value of the output normal distribution

Unit parameters:

Name	Symbol	Description	Units	Valid values
Mean	μ	Mean of the normal output distribution	[m]	Mean > 0
Deviation	σ	Standard deviation of the normal output distribution	[m]	Deviation > 0

Requirements

- Solid phase
- Particle size distribution

Application example

- *Example Flowsheets/Units/Crusher Const.dlfw*