$$\text{vol\_kegel}(d,h) := \pi\cdot\left(\frac{d}{2}\right)^2\cdot\frac{h}{3} \qquad \text{opp\_kegelwand}(d,h) := \pi\cdot\left(\frac{d}{2}\right)\cdot\sqrt{\left(\frac{d}{2}\right)^2 + h^2}$$

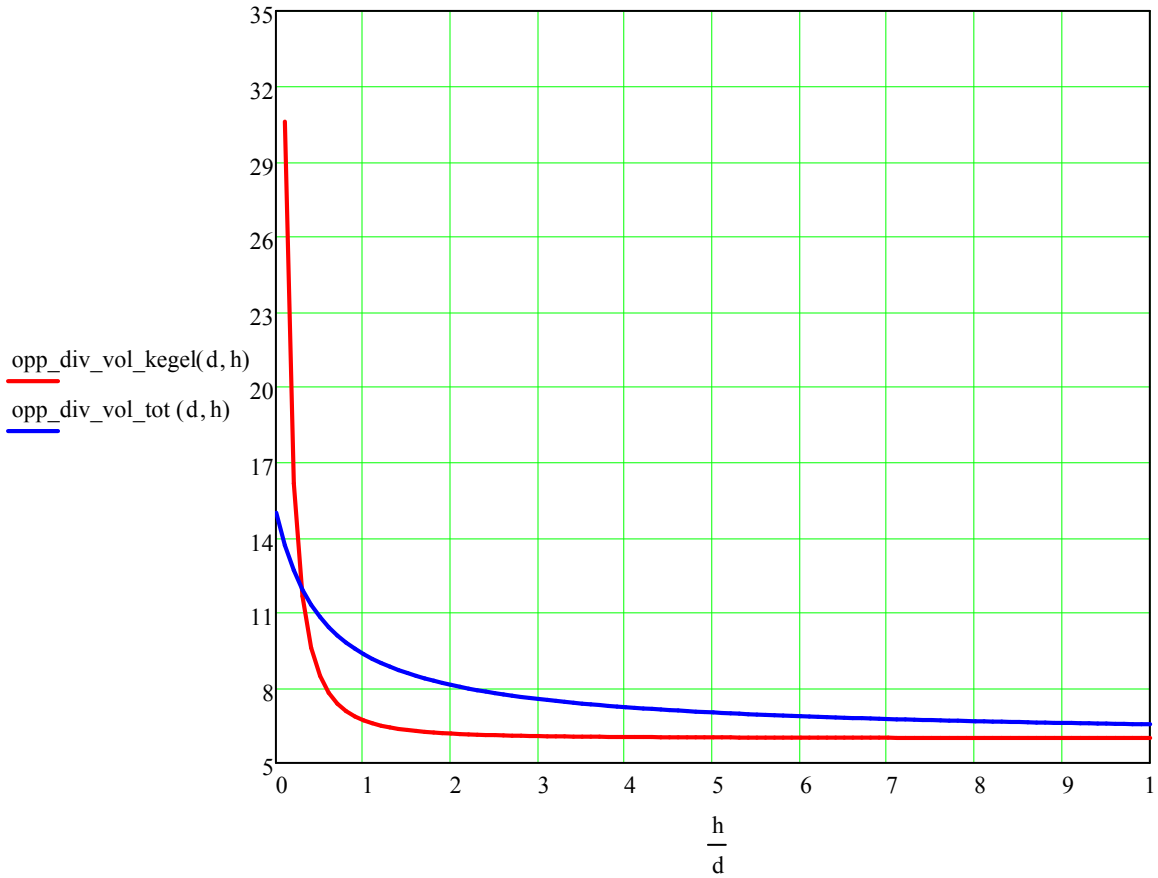
$$\text{opp\_halvebol}(d,h) := 4\cdot\pi\cdot\left(\frac{d}{2}\right)^2 \qquad \text{vol\_halvebol}(d,h) := \frac{4}{6}\cdot\pi\cdot\left(\frac{d}{2}\right)^3$$

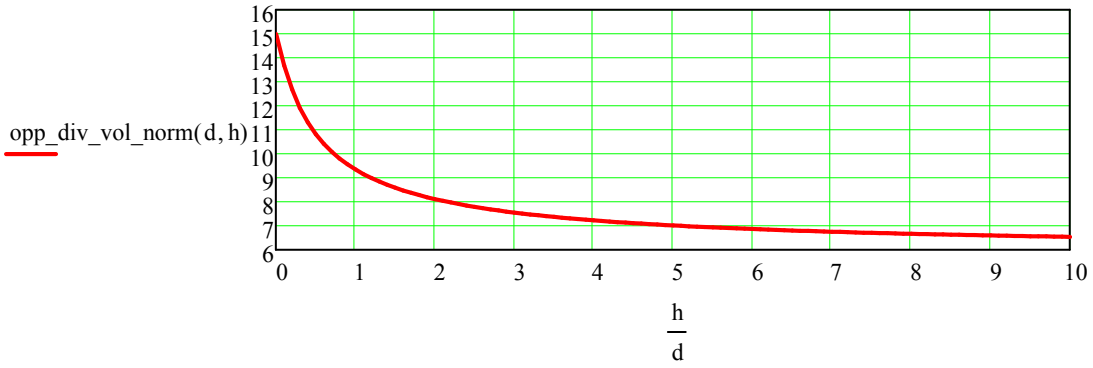
$$\text{opp\_div\_vol\_kegel}(d,h) := \frac{\text{opp\_kegelwand}(d,h)}{\text{vol\_kegel}(d,h)}$$

$$\text{opp\_div\_vol\_tot}(d,h) := \frac{\text{opp\_halvebol}(d,h) + \text{opp\_kegelwand}(d,h)}{\text{vol\_halvebol}(d,h) + \text{vol\_kegel}(d,h)}$$

$$\text{opp\_div\_vol\_norm}(d,h) := \text{opp\_div\_vol\_tot}(d,h)\cdot d$$

$d := 1 \qquad h := 0, 0.1\cdot d .. 10\cdot d$





$h := 0, 0.1 \cdot d .. 10 \cdot d$