

SILA CURKA		
SILA CURKA	$F = \phi_m (v_2 - v_1)$	
MASNI TOK	$\phi_m = \frac{\Delta m}{\Delta t}$	$\left[\frac{kg}{s}\right]$
	$\phi_m = \frac{\Delta V \cdot \rho}{\Delta t} = \rho \cdot \phi_V = \rho \cdot S \cdot v$	
VOLUMSKI TOK	$\phi_V = \frac{\Delta V}{\Delta t}$	$\left[\frac{m^3}{s}\right]$
	$\phi_V = S \cdot v$	
PROŽNOSTNA ENERGIJA		
ENERGIJA VZMETI	$W_{pr} = \frac{k \cdot x^2}{2}$	
DELO VZMETI	$A = W_{pr} = \frac{k \cdot x^2}{2}$	
HOOKOV ZAKON	$F = k \cdot x$	
MOČ		
MOČ	$P = \frac{A}{t}$	$\left[\frac{J}{s} = W\right]$
	$P = \frac{F \cdot s}{t} = F \cdot v$	
PRETAKANJE TEKOČIN		
OHRANITEV VOLUMSKEGA IN MASNEGA TOKA	$\phi_{V_1} = \phi_{V_2} \rightarrow S_1 \cdot v_1 = S_2 \cdot v_2$	
	$\phi_{m_1} = \phi_{m_2}$	
BERNULIJEVA ENAČBA	$p_1 + \frac{\rho \cdot V_1^2}{2} + \rho \cdot g \cdot h_1 = p_2 + \frac{\rho \cdot V_2^2}{2} + \rho \cdot g \cdot h_2$	
	$(p_1 - p_2) = \frac{\rho \cdot V_2^2}{2} - \frac{\rho \cdot V_1^2}{2} + \rho \cdot g \cdot h_2 - \rho \cdot g \cdot h_1 = \Delta p$	
SILA UPORA	$F_{upora} = \frac{C_u \cdot S \cdot \rho \cdot v^2}{2}$	
TOPLOTA		
PRETVORBA V FARENHEIDE	$^{\circ}F = \frac{9}{5} \cdot ^{\circ}C + 32$	

