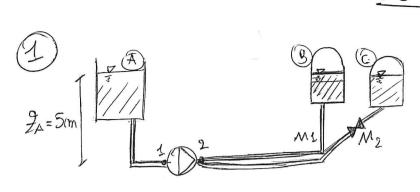
ESUE 06/07/2018

SISTELLI ENERGERICI PEN INGEGNETUR



\* TUBO ASPINATIONE \*

$$N_{ASP} = \frac{m}{\sqrt{\frac{\pi O_{ASP}^2}{4}}} = 0,553 \text{ m/s}$$

$$\dot{m} = \sqrt{\frac{1}{R}} \frac{3600 \left[\frac{1}{20}\right]}{R} \cdot 9 \left[\frac{1}{20}\right] = 2.13 \frac{1}{20}$$

$$\frac{P_{A}}{g} + \frac{\sqrt{\lambda}}{2} + g + \frac{1}{2} + \frac{1$$

$$V_{ASP} = \int \frac{\Delta_{ASP}}{D_{ASP}} \frac{N_{ASP}}{2} = \frac{0.079}{(9.058)^{0.25}} \frac{\Delta_{ASP}}{D_{ASP}} \frac{N_{ASP}}{2} = 1.155 \frac{J}{9}$$

$$P_{1} = \left(\frac{P_{A}}{S} + g \cdot f_{A} - \frac{N_{1}^{2}}{2} - f_{ASP}\right) = 1,377 \text{ bot} \qquad \left(\frac{P_{NESSionE} ASP_{1NA} + g_{NA}}{2}\right)$$

ANGORO CHILBUR VALVORA TO SU MI E M2

$$\frac{92}{5} + \frac{102}{2} + 972 = \frac{96}{5} + 978 + 11$$

$$\frac{1}{8} + \frac{1}{9} + \frac{1}{8} + \frac{1}{10} +$$

-(PA - PB) + (KASP + KM1) = PROURA,10= 633,43 J/Mg PECETIVICS = MIASE (LPAIRS + CAT) = 1,57 KW

$$\sqrt[n]{1 = \frac{m_1}{S_1}} = \frac{m_1}{P_1}$$

$$\sqrt{1 = \frac{m_1}{S_1}} = \frac{m_2}{R^*T_1} = 0,0841 \frac{m^3}{S}$$
 (GIS PENFETTO)
$$1 = \frac{P_2}{R^*T_1} = 0,0841 \frac{m^3}{S}$$

$$\int_{3}^{3} = \frac{P_{3}}{P_{4}^{*}T_{3}} = 53,5 \frac{1}{3} \text{ M}_{3} = V_{3}$$

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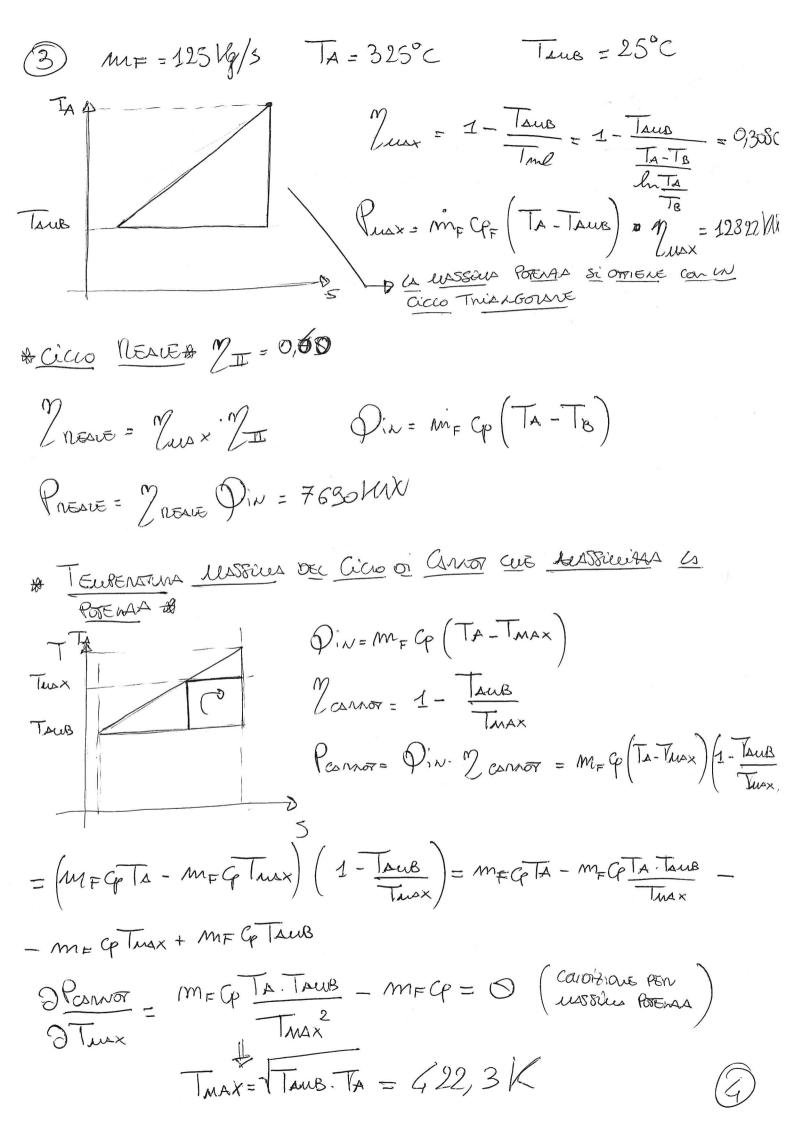
$$\int_{3}^{3} = \frac{P_{3}}{P_{4}^{*}T_{3}} = \frac{1}{3} \frac{1}{3} \frac{1}{3} = \frac{1}{3} \frac{1}{3} \frac{1}{3} = \frac{1}{3} \frac{1}{3} \frac{1}{3} = \frac{1}{3} \frac{1}{3} = \frac{1}{3} \frac{1}{$$

$$C_{V} = \frac{5}{2} R^{*}$$
  $C_{P} = C_{V} + N^{*} = \frac{7}{2} R^{*} = \frac{1033,25}{4}$ 

$$t = \frac{M_3}{m_1} = 26,80$$
 ( Tento PEN VINEWANE (A)

coulnessance are Processo di Mientinetto Poiche co Pressione di Scarico del Carlassone Alerenta Cotantenente (la Barbora d' Nièurie) MENTRE NEUS NEUSTONE FORMITS LA PRESSIONE DI SCANICO É SENTRE QUEUS ENSTINA

$$M_3 = \sqrt{3} \cdot \sqrt{3}$$
 mare =  $\sqrt{3} \cdot \left(\frac{P_3}{R^*T_3} / 2\right) = 27 / 3$ 



DEXT = 70 mm /= 400 m

THEO = T(PSOT = 50/0002) (Storne (ENTILL LIQ. SOTUMO ED ESCE VAP. SOTUMO)

E MESISTEMA CONDUMINA Prasculabile MESISTEMA COMETTIVA INTERNA

TH20= VI (SUP. ESTERIA DEL TUBO) = 263,34°C

\* COETT. Sosubio Comettivo Estenivo A

Trilu= 1+ Taus = 139,47°C

Cp = 1013, 245 J/GK M = 2,353.10-5 Pa.5 K=0,03476 W Bz=0,686

Me = JNDENT = PDENT = 2544,64 (SCENTA CONNECTIONE)

Nw = d Re bi = New = hDERT = 23,27

=> h= Mul = 11,557 W//m2/C

POTENAA TENNICA DISSIPATA VENSO L'AUBIETTE H

DAUB = Dcom + Drow = h TV DERT Cruso (TI-VAUB) +AEG (TI-TAUB)

= 348,247 WW

DASSONETTA = PIAC. d = 1080 KW  $O_{H_{20}} = O_{ASSONETTA} - O_{AUB} = 731,75 \text{ KW}$   $O_{H_{20}} = O_{ASSONETTA} - O_{AUB} = 731,75 \text{ KW}$   $O_{H_{20}} = O_{AUB} = 0,446 \text{ Mg/s}$   $O_{H_{20}} = O_{AUB} = 0,446 \text{ Mg/s}$   $O_{H_{20}} = O_{AUB} = 0,446 \text{ Mg/s}$   $O_{H_{20}} = O_{AUB} = 0,446 \text{ Mg/s}$