ESLUE SISTELLI ENERGERICI X INGEGNERIA FISICA"
28/01/2013

1
$$m = 100 \frac{m^3}{h} \cdot \frac{1}{3600} \cdot \frac{1}{S} \cdot 1000 \frac{1}{m^3} = 27,78 \frac{1}{9} \cdot \frac{1}{S}$$

PENOTIE TILEMO O ABRINATIONE BELLA TUNBINA

$$N_{A88} = \frac{m}{5} \cdot \sqrt{\frac{0^2 s_8}{4}} = 3.54 \text{ m/s}$$

DA89= 100 mm

- SOLO PENONE DISMIBUTE

PER MATTERENE IL LIVEURO
DEL SENSOTO COSTATTE LA
BOTTOTA IN INGRESSO DEVE
ESSETE UGUALE A QUELLA IN

$$V_{\text{ruei}}$$
, order = $f \frac{L_{\text{order}}}{D_{\text{order}}} \cdot \frac{N_{\text{order}}}{2} = f \frac{L_{\text{order}}}{D_{\text{order}}} \cdot \frac{m_{\text{order}}^2 4}{2} \rightarrow D = 73,45 \,\text{mm}$

$$\begin{array}{lll}
\text{Min} &= \sqrt[4]{f} = 2,5 \, |q/s \\
A_1 &= \sqrt[4]{2} = 7,85 \cdot 10^3 \, \text{m}^2 \\
A_2 &= \sqrt[4]{2} = 4,31 \cdot 10^4 \, \text{m}^2
\end{array}$$
Serioux of incresso is a concorred to the second of the sec

MASSA = Jolio Volume = 5,55 kg

COLEBONETTI ED. O CONSENUATIONE DELLA D. DI MOTO (M' RISTIMA CACETTE)

$$M_2 = \overrightarrow{m} \overrightarrow{N}_2 = 17N$$

$$\overrightarrow{R} = \overrightarrow{G} - \overrightarrow{W_1} - \overrightarrow{W_2} + \overrightarrow{M_1} - \overrightarrow{M_2} = 859 \text{ M} \uparrow \left(\overrightarrow{SPiMA} SULA \right)$$
PATETE

3) Cicro Marrine A VAPONE Simulgeoupero

$$h_2(T_2=7400, P_2=10MPa)=3288,03 \frac{1}{19}$$

 $S_2(T_2, P_2)=6,484 \frac{1}{19}$

$$7_{15,TV} = \frac{\Delta h_{NEALE}}{\Delta h_{1S}} = \frac{1}{24000} \frac{1}{15} = \frac{1}{24000} \frac{1}{15} = \frac$$

4) -> Uscata Bac Concersorant in Concidioni or Liquino Sorumo X4 = 0

(6)

PANSUETRO ALERA M M=1/RP : RWD = 22,609/m NEWA = ThPVA (TBOSE-TOO) tgh mH H=0,061 M