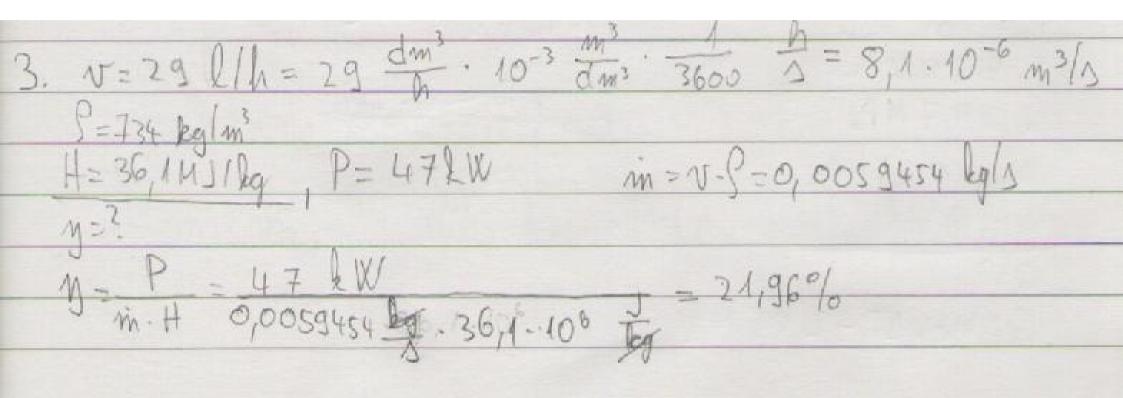
V=465Q = 465 dm3 = 465 - 10-3 m3 T= 20,6°C = 293,75 K 1=131 LPa t= 19 min = 1140s P= 175W V (=3 Q=m Cp DT = P.+ m= 127 = 0, 723 DS= MCpm= DD=481,64 AT= Pt = P# RTA = 270,69

T7 = 564,44 K



adow = M - CV . DT W=P-+ 15T = 1,94 &W

T12T4 (14) = 487, 96 K 72=788 K T4 = 302 K 1 = 0,7 MPa 14=0,13 MPa mi = 10 kg/s Q=mc, DT=2,81 HW

8. $M = 1 - \left(\frac{rv}{rn}\right)^{1-1} = 0,339$

3387 10. 2638 2 3683 h, = 194,8 M=0,35 1,2 3368 N1= 195,4 1,=4,8 MPa My = 0,008 MPa m= 125 Jg/s 1 = W23 - 1W41 g=h2-h1 W41=h4-h1=V(p4-p1 P=m-10023=m[m(h2-h1)+[v(py-p1)]=138,8 MW Dx = 0,350 Px = 1796 MW Px = 638 MW 14=15,6. MPa 13=0,009MPa nr = 0001 m3/kg M= W+- [mx] in = 602,91 kg/s

= 3361 = 2145 = 195,9 15. Wt KOMPRESSER (histor-huber) · 1 = 2792,85 kJ/kg

16. Ny = (hulos-hizlos). n=1228,59 kJ/kg