

Nasos ventilyator ham kompressorlar

- 1) $N_\phi = \gamma \cdot Q \cdot H = \rho \cdot g \cdot Q \cdot H$ formulani ta'riflab bering.
- 2) $N_{n.u.3} = p_1 V_1 \ln \frac{p_2}{p_1}$ formulani ta'riflab bering.
- 3) $N_e = \frac{N_\phi}{\eta_H} = \frac{\rho \cdot g \cdot Q \cdot H}{\eta_H}$ formulani ta'riflab bering.
- 4) $N_{\phi e} = \frac{N_e}{\eta_y \cdot \eta_{\phi e}} = \frac{N_\phi}{\eta_H \cdot \eta_y \cdot \eta_{\phi e}}$ formulani ta'riflab bering.
- 5) $\frac{\mu_x}{\mu_g} + \frac{\omega_x^2}{2g} = H_x + \frac{\omega_2^2}{2g} + \frac{\mu_2}{\mu_g} + h_x$ formulani ta'riflab bering.
- 6) $M \cdot \omega = G \cdot g \cdot H_H$ formulani ta'riflab bering.
- 7) $V_H = 60 \cdot f \cdot S \cdot n$ formulani ta'riflab bering.
- 8) $M \cdot \omega = G \cdot g \cdot H_H$ formulani ta'riflab bering.
- 9) $Q = \frac{\eta(2F - f)n \cdot s}{60}$ formulani ta'riflab bering.
- 10) $Q = \frac{F \cdot S \cdot n}{60} \cdot \eta$ formulani ta'riflab bering.
- 11) $H = H_r + \frac{P_2 - P_1}{\rho \cdot g} + k \cdot Q$ formulani ta'riflab bering.
- 12) $\sigma_{pel} = \sqrt{T_{\max} \cdot \sigma_a}$ formulani ta'riflab bering.
- 13) $N_{f.k.} = \frac{Q_s H_s \cdot 10^3}{86400 \cdot 102 \eta_n}$ formulani ta'riflab bering.
- 14) $N_d = N_{f.k.} + \Delta p_k \frac{L}{100}$ formulani ta'riflab bering.
- 15) $d = 188 \sqrt{\frac{\rho L}{P - P''}} \cdot \sqrt[3]{\frac{Q g L}{\rho g L (P - P'')}}$ formulani ta'riflab bering.
- 16) $T_2 = T_1 \left(\frac{p_2}{p_1} \right)^{\frac{k-1}{k}}$ formulani ta'riflab bering.
- 17) $Q = \frac{\eta(2F - f)n \cdot s}{60}$ formulani ta'riflab bering.
- 18) $T_2 = T_1 \left(\frac{p_2}{p_1} \right)^{\frac{m-1}{m}}$ formulani ta'riflab bering.
- 19) $N_{\phi e} = \frac{N_e}{\eta_y \cdot \eta_{\phi e}} = \frac{N_\phi}{\eta_H \cdot \eta_y \cdot \eta_{\phi e}}$ formulani ta'riflab bering.
- 20) $\frac{\mu_x}{\mu_g} + \frac{\omega_x^2}{2g} = H_x + \frac{\omega_2^2}{2g} + \frac{\mu_2}{\mu_g} + h_x$ formulani ta'riflab bering.
- 21) $N_{n.a\phi} = \frac{k}{k-1} p_1 V_1 \left[\left(\frac{p_2}{p_1} \right)^{\frac{k-1}{k}} - 1 \right]$ formulani ta'riflab bering.
- 22) $Q = \frac{F \cdot S \cdot n}{60} \cdot \eta$ formulani ta'riflab bering.
- 23) $\lambda_0 = 1 - \varepsilon \left[\left(\frac{p_2}{p_1} \right)^{\frac{1}{n}} - 1 \right]$ formulani ta'riflab bering.

- 24) $v_c = [H_M(h+10)]/10h$ formulani ta'riflab bering.
- 25) $M = \frac{N}{\omega} = \frac{\rho g V H}{\omega}$ formulani ta'riflab bering.
- 26) $M \cdot \omega = G \cdot g \cdot H_H$ formulani ta'riflab bering.
- 27) $H = H_r + \frac{P_2 - P_1}{\rho \cdot g} + k \cdot Q$ formulani ta'riflab bering.
- 28) ta'riflab bering.
- 29) $N_e = \frac{N_\phi}{\eta_H} = \frac{\rho \cdot g \cdot Q \cdot H}{\eta_H}$ formulani ta'riflab bering.
- 30) $N_{\partial\phi} \frac{N_e}{\eta_y \cdot \eta_{\partial\phi}} = \frac{N_\phi}{\eta_H \cdot \eta_y \cdot \eta_{\partial\phi}}$ formulani ta'riflab bering.
- 31) $\frac{\mu_x}{\mu_g} + \frac{\omega_x^2}{2_g} = H_x + \frac{\omega_2^2}{2_g} + \frac{\mu_2}{\mu_g} + h_x$ formulani ta'riflab bering.
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- 47) $N_{\partial\phi} = \frac{N_e}{\eta_y \cdot \eta_{\partial\phi}} = \frac{N_\phi}{\eta_H \cdot \eta_y \cdot \eta_{\partial\phi}}$ formulani ta'riflab bering.
- 48) $\frac{\mu_x}{\mu_g} + \frac{\omega_x^2}{2_g} = H_x + \frac{\omega_2^2}{2_g} + \frac{\mu_2}{\mu_g} + h_x$ formulani ta'riflab bering.

$$49) N_{n.o} = \frac{k}{k-1} p_1 V_1 \left[\left(\frac{p_2}{p_1} \right)^{\frac{k-1}{k}} - 1 \right] \text{ formulani ta'riflab bering.}$$

$$50) Q = \frac{F \cdot S \cdot n}{60} \cdot \eta \text{ formulani ta'riflab bering.}$$

$$51) \lambda_0 = 1 - \varepsilon \left[\left(\frac{p_2}{p_1} \right)^{\frac{1}{n}} - 1 \right] \text{ formulani ta'riflab bering.}$$

$$52) M = \frac{N}{\omega} = \frac{\rho g V H}{\omega} \text{ formulani ta'riflab bering.}$$

$$53) M \cdot \omega = G \cdot g \cdot H_H \text{ formulani ta'riflab bering.}$$

$$54) H = H_r + \frac{P_2 - P_1}{\rho \cdot g} + k \cdot Q \text{ formulani ta'riflab bering.}$$

55) Amaliyotda chuqurlik nasoslarining qaysi turlari ko'proq uchraydi?

56) ChMqE diametri bo'yicha necha guruhga bo'linadi?

57) ChMqE nasoslari O'zbekistondagi qaysi konlarda ishlatilgan?

58) Cho'kma markazdan qochma elektr nasosini (ChMqE) tuzilishi va ishlash printsipini gapirib bering?

59) Chuqurlik nasoslari qaysi ko'rsatkichlariga qarab tasniflanadi?

60) Erliftlar haqida ma'lumot

$$61) v_c = [H_M(h+10)]/10h \text{ formulani ta'riflab bering.}$$

62) Gazlarning siqish jarayoning termodinamikasi.

63) Gazliflar haqida tushuncha.

64) Hajmiy nasoslar.

65) Havoli (gazli) ko'targichlar.

66) Ko'p bosqichli nasoslarning haqiqiy unumdorligi formulasini ta'riflab bering?

67) Kompressorda gazni ko'p bosqichli siqish jarayoni.

68) Kompressorlar haqida asosiy tushuncha.

69) Kompressorlar turlari.

70) Kompressorlarni ishga tushirishdan oldin qanday ishlar amalga oshiriladi?

71) Markazdan qochma chuqur nasosning tuzilishi.

72) Markazdan qochma nasoslarda muhit temperaturasi ta'siri.

73) Markazdan qochma nasoslarni proporsionallik qonuni.

74) Markazdan qochma nasoslarni rostlash.

75) Markazdan qochma nasoslarning asosiy tenglamasi.

76) Markazdan qochma uyurmali nasosning FIK i qanday bo'ladi?

77) Markazdan qochma uyurmali nasosning ishlash printsipi.

78) Nasos dvigatellari qanday ko'rinishda bo'ladi?

79) Nasos shtangalari

80) Nasos stansiyalari nimalardan tarkib topadi?

81) Nasoslarning klassifikatsiyasi

82) Nasoslarning so'rish balandligi qanday aniqlanadi?

83) Nasosning ish nuqtalarini aniqlash

84) Nasosning ish nuqtasi deb nimaga aytiladi?

85) Nazariy dinamogrammani izohlab bering?

86) Nima uchun nasos shtangalari ishlatiladi?

87) O'ng pag'onali markazdan qochma nasoslar nechta asosiy guruxga bo'linadi?

88) Oqimchali nasoslar.

89) O'qli kompressorlarning konstruksiyalari.

90) Parrakli nasoslarda g'ildirakning aylanishlar chastotasi qanday bo'ladi?

91) Porshenli kompressorlarni tekshirish?

92) Porshenli nasoslar qachon ishlatila boshlagan?

93) Porshenli nasoslarning to'zilishi va ishlash printsipi

94) Porshenli vakuum nasoslar.

95) Propellerli nasoslar.

96) Quduqlarni dinamometrlash

97) Rotor plastinali va suv xalqachali vakuum nasoslar

98) Rotorli kompressorlarning ishlash printsipi va unumdorligi.

99) Shtangali chuqurlik nasosining nazariy hamda amaliy mahsuldorligini aniqlash tenglamasini yozing?

100) Shtangali chuqurlik nasoslari