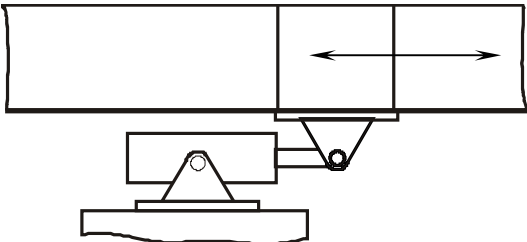


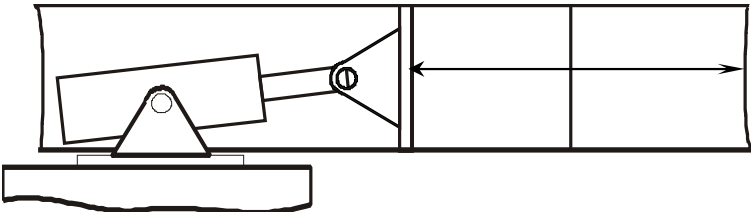
$$\left( \begin{array}{ccc} \bullet & \bullet & \bullet \\ \cdot & \cdot & \cdot \end{array} \right)$$
[illegible]

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，  
120 200 130 210  
，  
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1.



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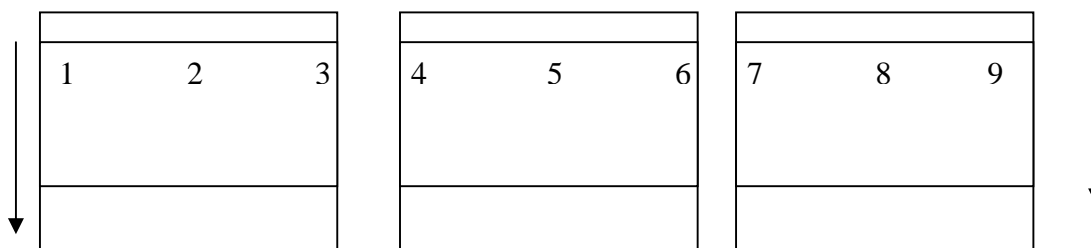
2.



. 2.

600 90°

3.



. 3.

$$= \frac{S_{\max}}{Q};$$

Q- , ;

$$S_{\max} = Q + \frac{m_2(T - Q)}{m_1 + m_2} + v\sqrt{cm_2};$$

$m_2 = 0,06$  ;  $c = 0,06$  ;  $m_1 = 140$  ;  $v = 0,06$  ;  $m_2 = 210$  ;  $v = 0,06$  .

$$Q = k \left( G \frac{\mu d + 2f}{D} + G' \frac{\mu d + 2f}{D} \right) + (G + G') t g \alpha;$$

200 ; D -  $\mu -$  ,  $\mu = 0,12$ ; d - , d = , D = 800 ; G -



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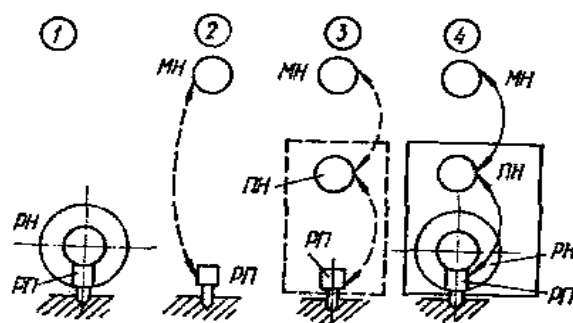
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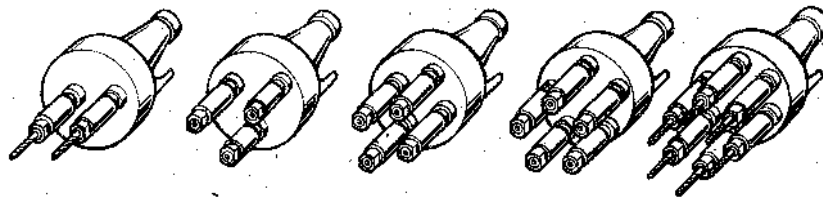
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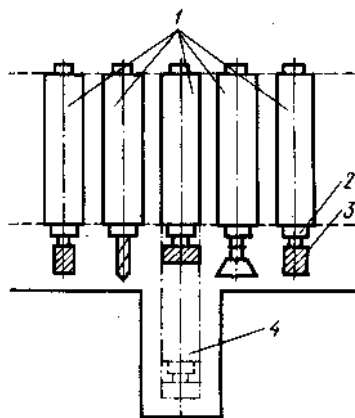
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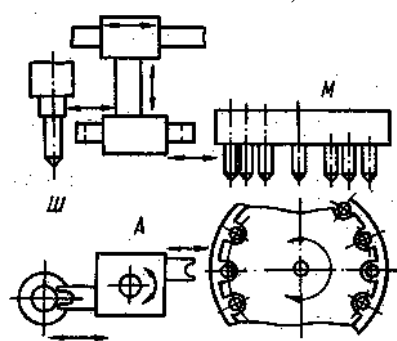


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: 1.

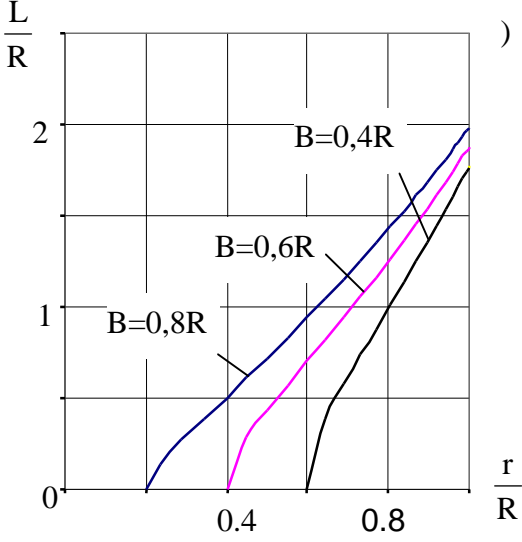
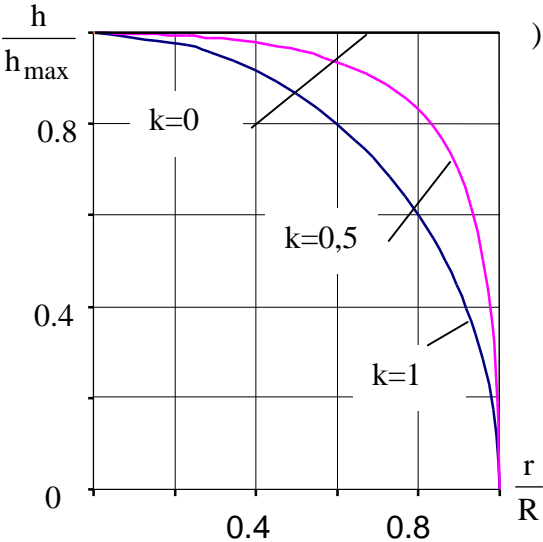
1991. – 280 .

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$h_{\max} = 27$  . [1],



( ) ; k=0,5- ; k=1-

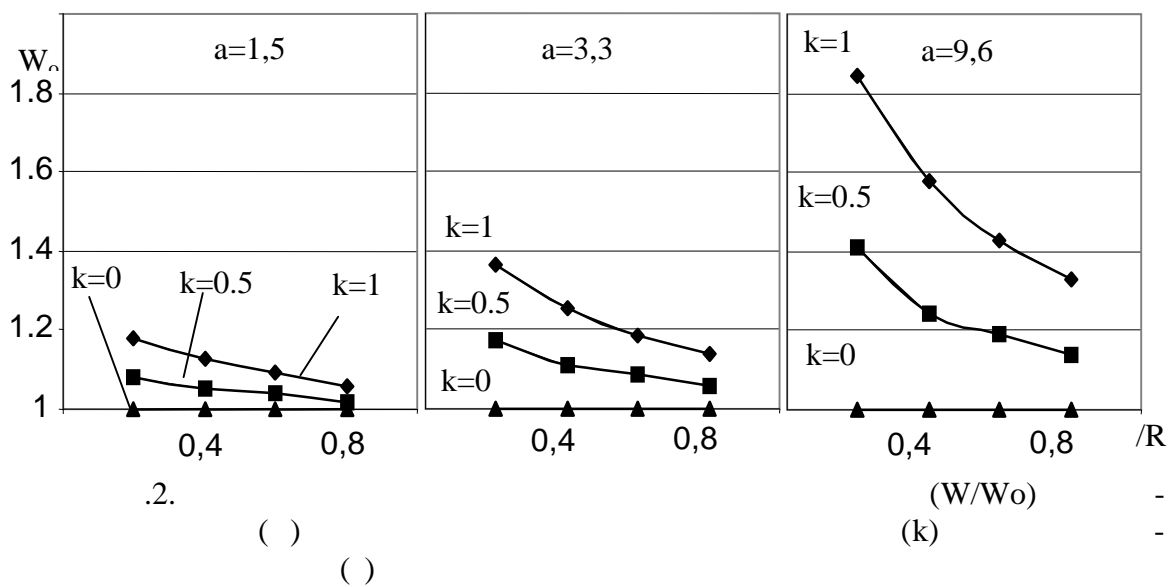
: k=0-

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(k)

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0,43h<sub>max</sub>,

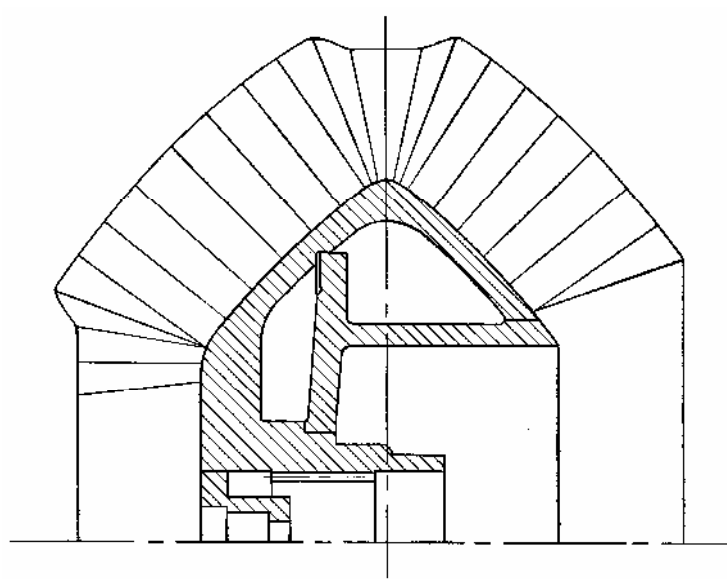
-0,63h<sub>max</sub>,

$0,67h_{\max}$

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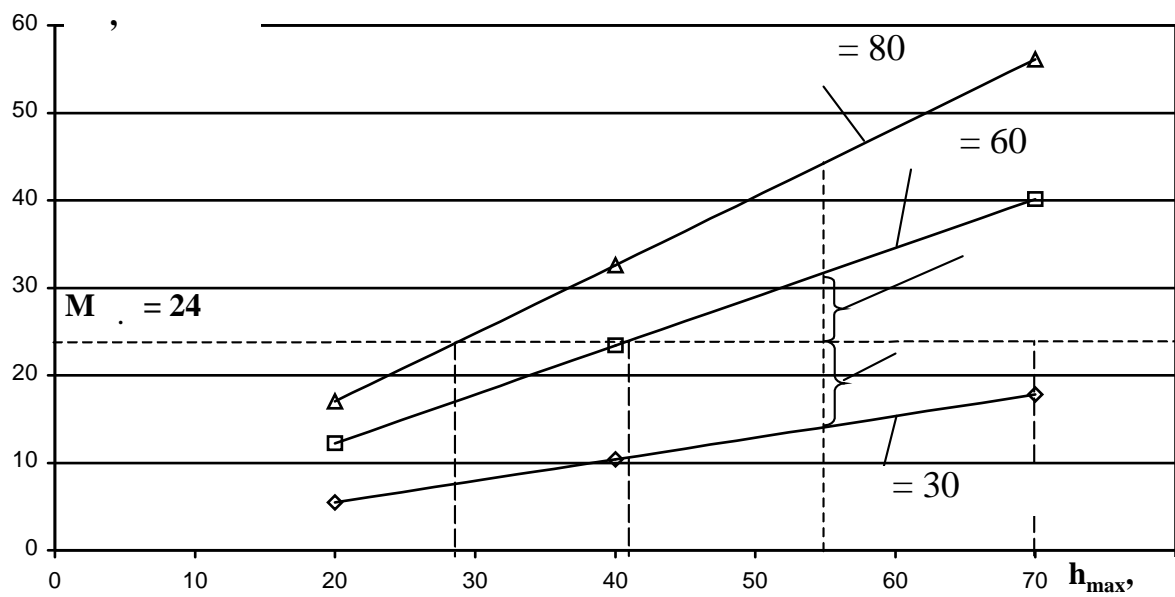
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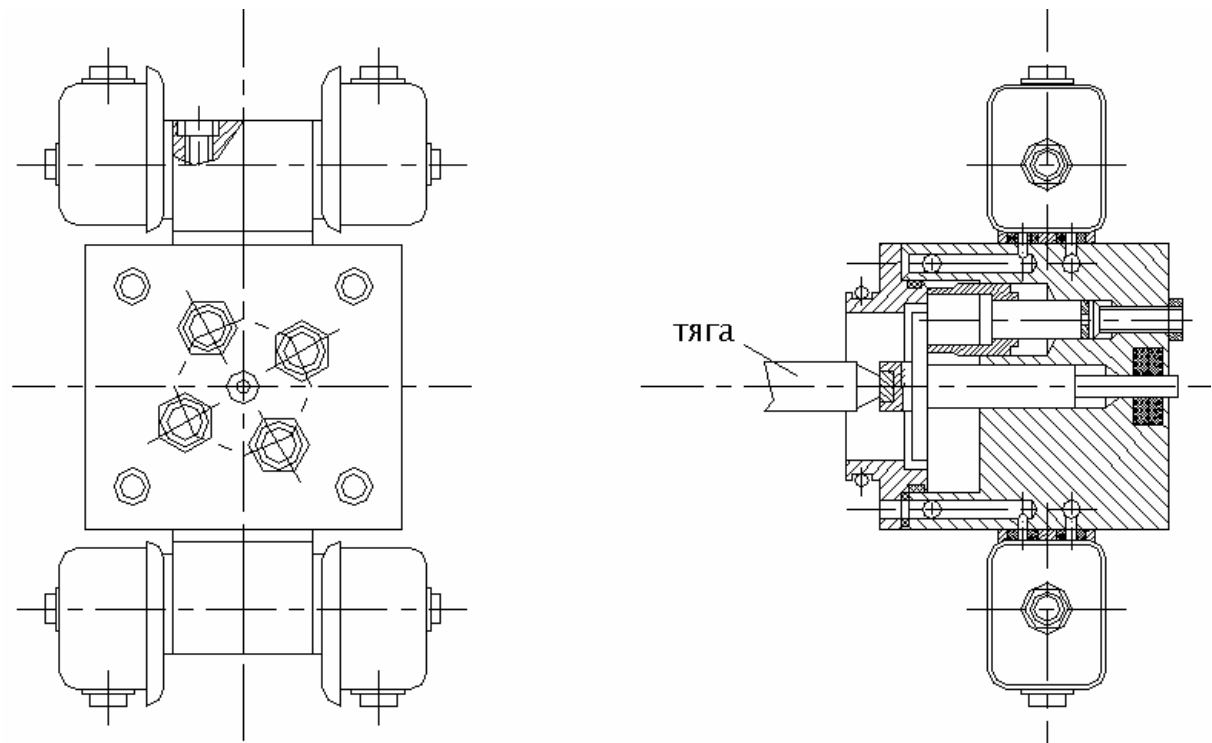
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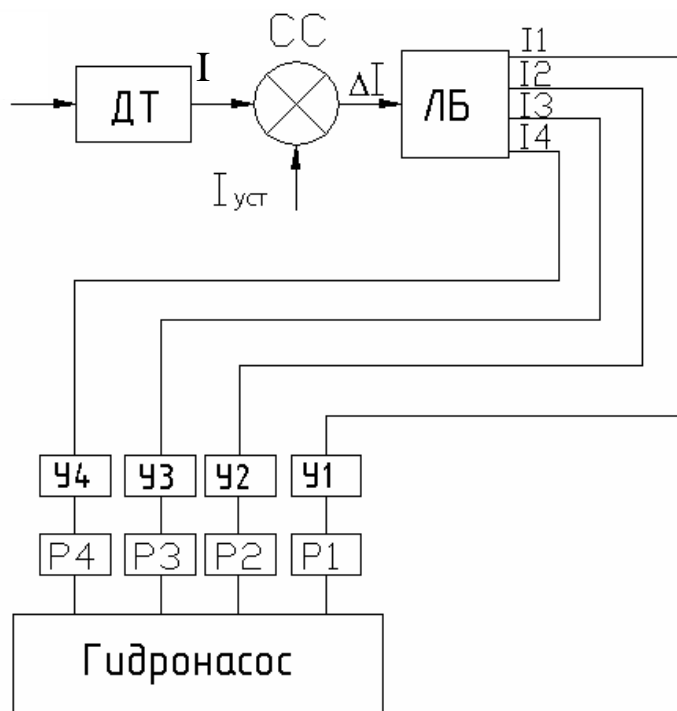
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= 60 ,



. 3.

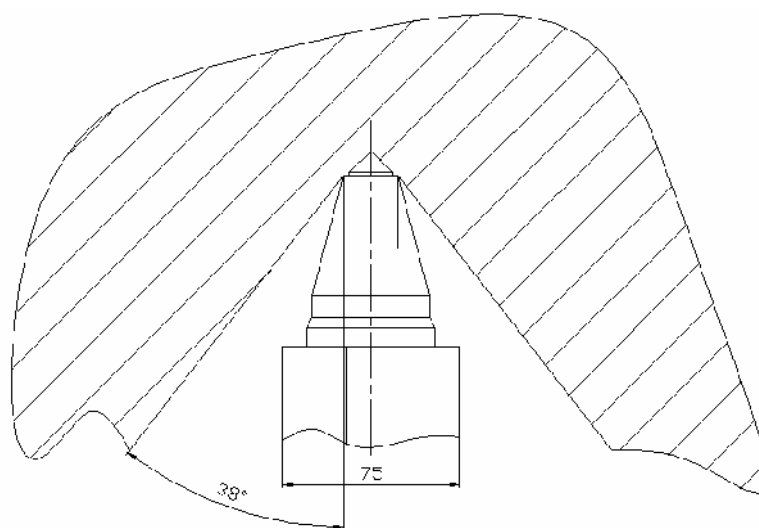
3. ( ) -  
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1- 4 ( 1- 4 -  
).  
1 = 80  
 $V = 4$  / , = 60  $h_{max} = 42$   $h_{max} = 28$   
= 30  $h_{max} = 70$   $V = 10$  / ,  $V = 5,7$  / , -



. 3.

$h_{\max}$ .

$$h_{\max} = 70 \cdot \frac{4}{\dots}$$



. 4.



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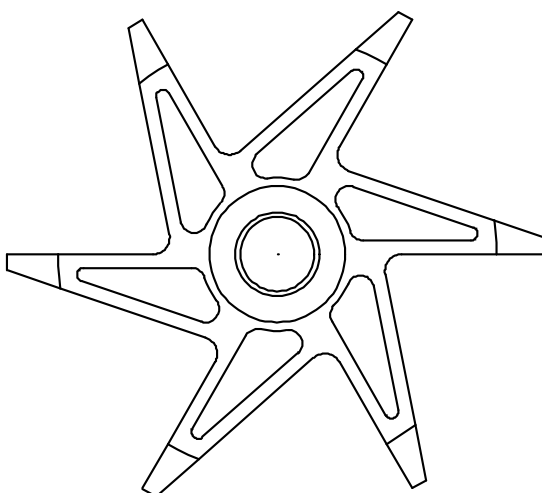
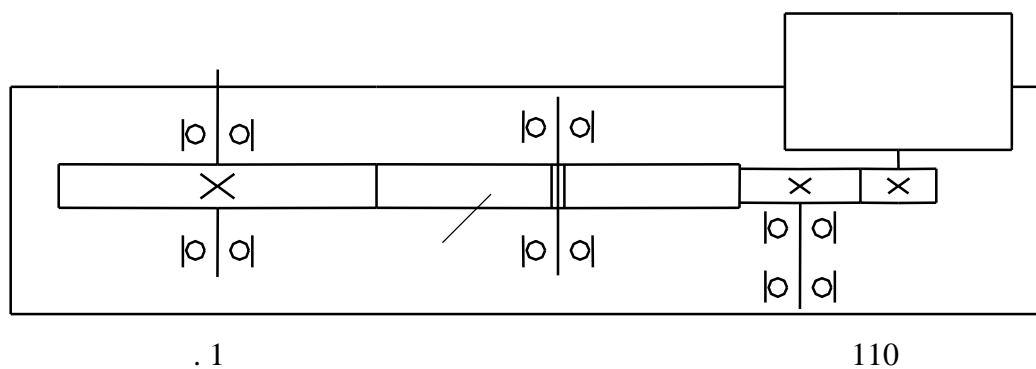
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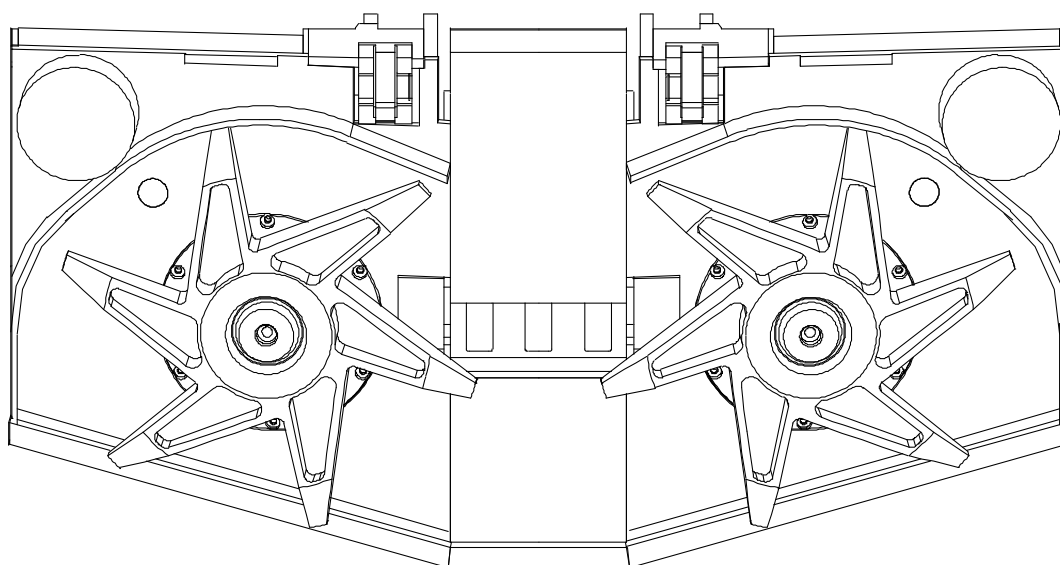
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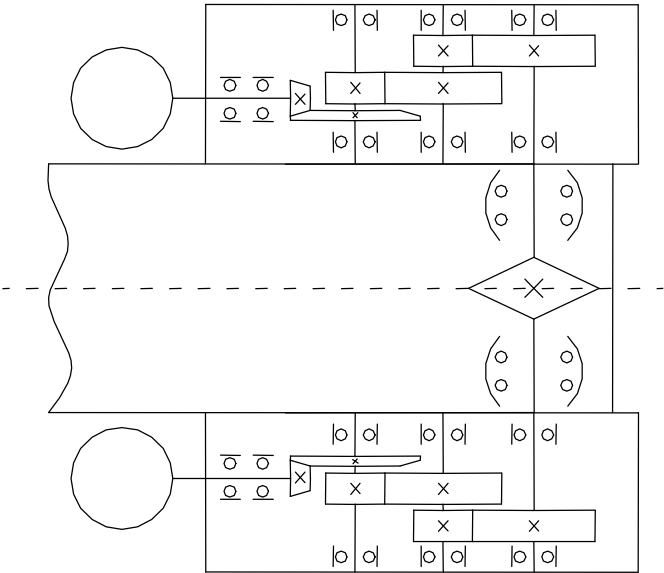
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β<sub>b</sub>), ( α )

α + β<sub>b</sub>

α β<sub>b</sub> -

. 1. α = 5÷10 , α = 0 -

α β<sub>b</sub>,

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