

11

-4 .

1

$F = 100$.
 N

$\mu = 0,2$.
 $d = 30$

$= 120 / .?$

- 60

2

$= 0,1\%$.
 r ,

$= 8 / ^3$.
 $_3 = 5,6 / ^3$.

- 100

3

3

120° .

?
 $L = 2,2 / = 4,2 / (\cdot ^\circ)$.

- 100

4

S

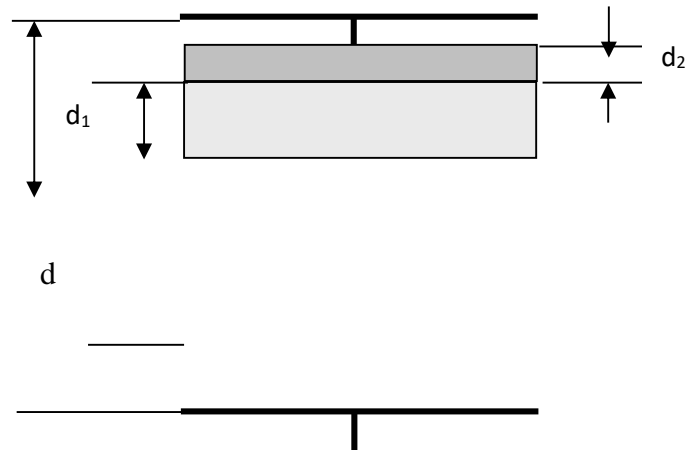
d

d_1

$d_2 (d_1 + d_2 < d)$.

ϵ ,

S .



- 80

5

$$D = 2 \cdot p$$

$$R = 1740$$

$$b = 0,22$$

$$R = 6400$$

$$g = 10 / ^2.$$

- 100

$$= 1000 / ^3$$

$$g = 10 / ^2$$

$$L = 2,2 \cdot 10^6 /$$

$$= 4,2 \cdot 10^3 / (\cdot)$$

$$= 2,2 \cdot 10^3 / (\cdot)$$

$$= 3,3 \cdot 10^5 /$$

$$R = 6400$$