

28413-89

10-2004



2005

28413-89

Hydraulic drive volumetric pumps and motors.
Methods of accelerated tests for reliability

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41 4100, 41 4200

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- 1.1. (.
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- 1.2. — 17108.
- 1.3. — 17108, 2.
- 1.4. ,
- 1.5. , 3.
- 1.6. .5. 1 2.
- 1.7. 1 , ,
- 1.8. 2 ,
- 2.
- 2.1. (1.
- 2.1.1. 1 ,
- 2.1.2. 1 ,

2.2.

2.2.1.

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2.1.1

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2.2.2.

t_2

2.2.1

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2.2.3.

2.2.3.1.

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AM

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2.2.3.2.

2.2.3.3.

/ = _)

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2).

2.2.3.4.

(. 4 2).

2.2.3.5.

= $|i_{min}|$ $p=fis.$)
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2.3.

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2.3.1.

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2.3.1.1.

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2.2.1

2.2.2,

5—6

2.3.1.2.

2.3.1.3.

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AM

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A Q

AQ

AQ/p.

AM =

2.3.1.4.

= $j[AQ/p].$

$(AQ/p)_{min}$

(. 6

2).

- 2.3.1.5. $(AQ/p)_{mm}$, $(AQ/p)_{lmm}$, $(AQ/p)_{2min}$, $(AQ/p)_{imin}$,
- 2.3.1.6. $(AQ/p)_{mm}$ (. 7 2).
- 2.3.1.7.
- 2.3.1.8. 2.3.1.7 (
- 1).
- 2.3.1.9. =) (. 8 2), 2.3.1.8.
- 2.3.2. ,
- 2.3.2.1. , , , 2.2.1 2.2.2.
- 2.3.2.2. 2.2.1.
2. 2.2.1. , :
- = / - /;
- / ;
to/ ;
 t_1 t_2 — At.
- 2.3.2.2.2. / = (. 9 2)
vp;
- 2.3.2.2.3. 2.3.2.2.2 (/), 1:
At = / (/)
- 2.3.2.2.4. 2.3.2.2.3 V COOT-
 J_{mm}
- , = (. 10
- 2).
- 1 (. 11 2). = \ -]
- 2.4. 1 , 2.1.1, 2.3.1
- 2.3.2. 3.
3. 2
- 3.1. (. 2).
- 3.2. ,
- 3.2.1. , , , , , .).
- 3.2.2. , , , .).
- 3.2.3. , (,).

3.15. , . 3.3.2,

3.16. 2

3.16.1. (,)

) = / (N) (. . 15
2)

, . 3.2.1 3.2.3.

3.16.2. $p_t = / (N)$.
 $N = 10^8$.

0^8 , - -

3.16.3. $= / () N = 10^8 (. . 16$
2).

4.

4.1. — ,
1 2.
4.2. , : ;
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4.3.				1
	. 2.2.3.5, 2.3.1.9, 2.3.2.2.4.			
4.4.		2		. 3.16.3.
4.5.		1 2		(« to)
)			(« to)
»)(. 17	2).		

5.

$$\begin{aligned}
 & 5.1. \quad \quad \quad 1 \quad 2 \quad \quad \quad (\\
 & \quad \quad \quad : \quad \quad \quad) \\
 & \quad \quad \quad (- ? \\
 & \quad \quad \quad (- 1) \\
 & \quad \quad \quad \underline{\mathbf{Z(p-p)^2}}_{-1} \\
 & \quad \quad \quad \vdots
 \end{aligned}$$

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— ; ()
—); ;
— ^ :
— t_s
 $= 0,9,$

$$\frac{\sigma_a^2}{\sigma_y^2} \leq \frac{n}{t_s^2} .$$

t_s

	3	4	5	6	7
4	2,35	2,13	2,01	1,94	1,89

5.2.

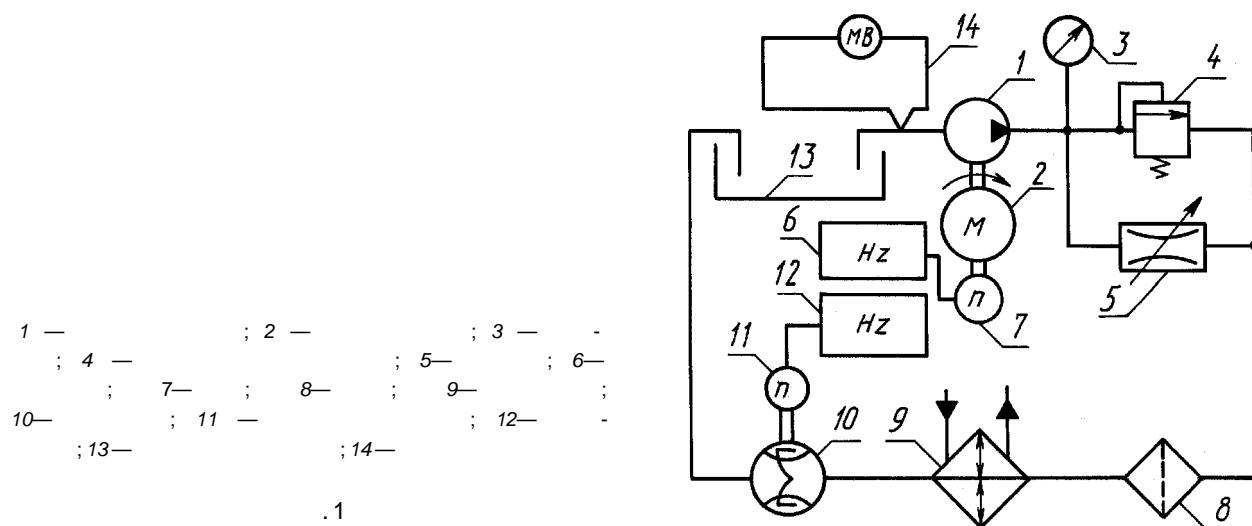
3.

6.

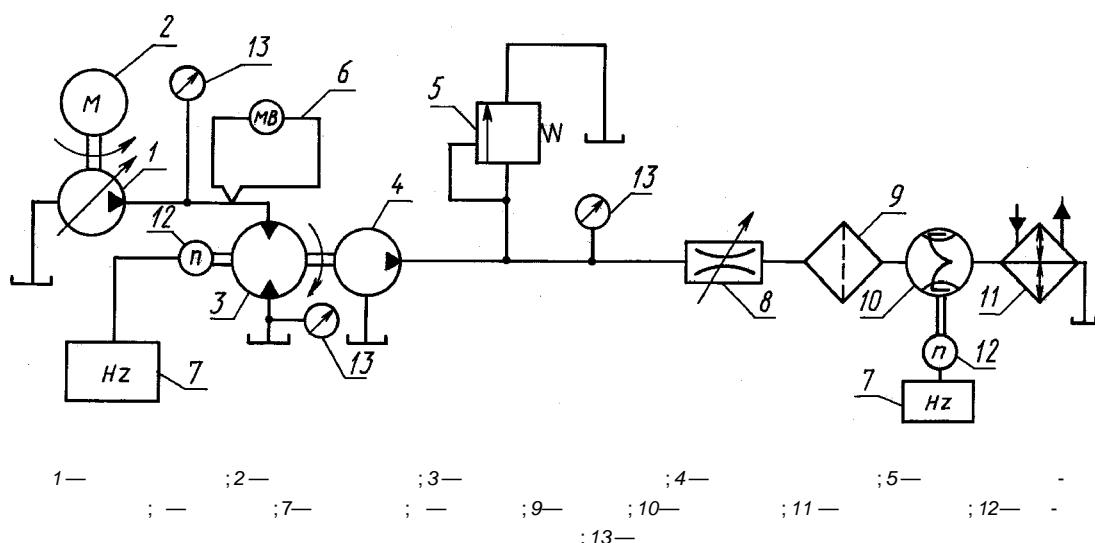
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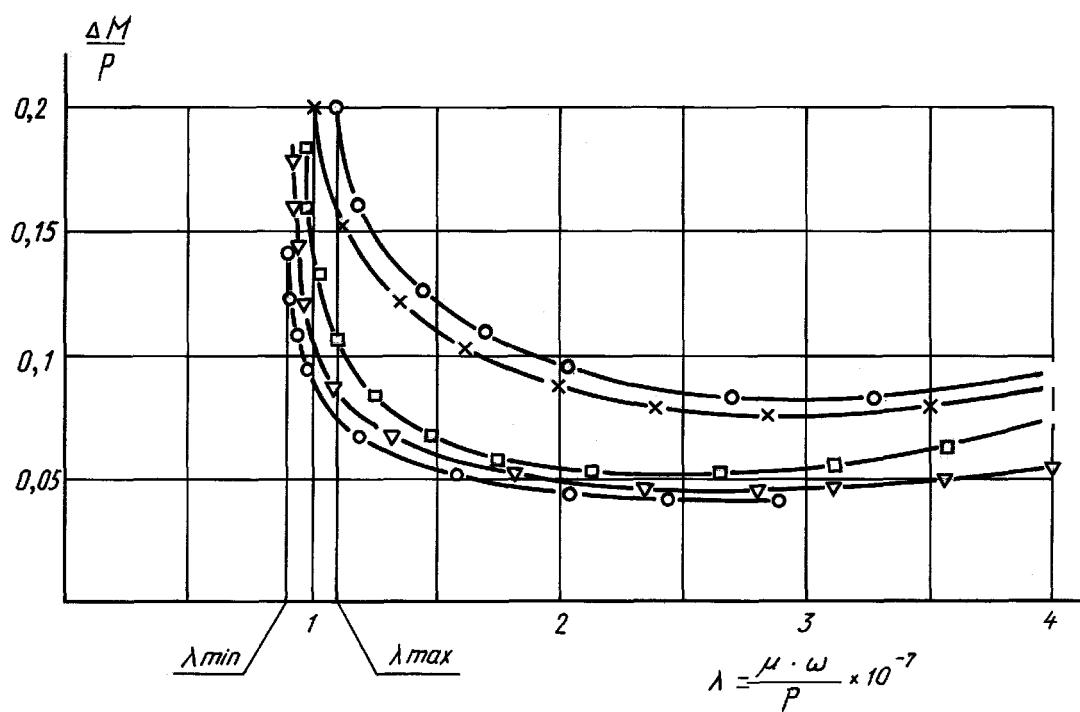
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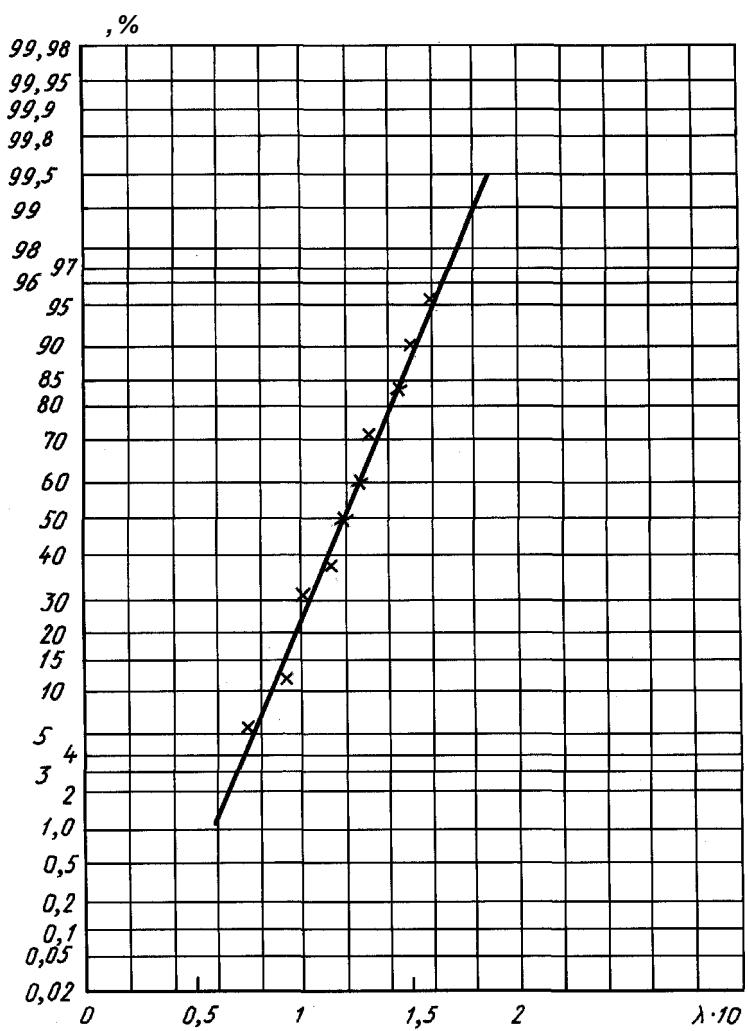
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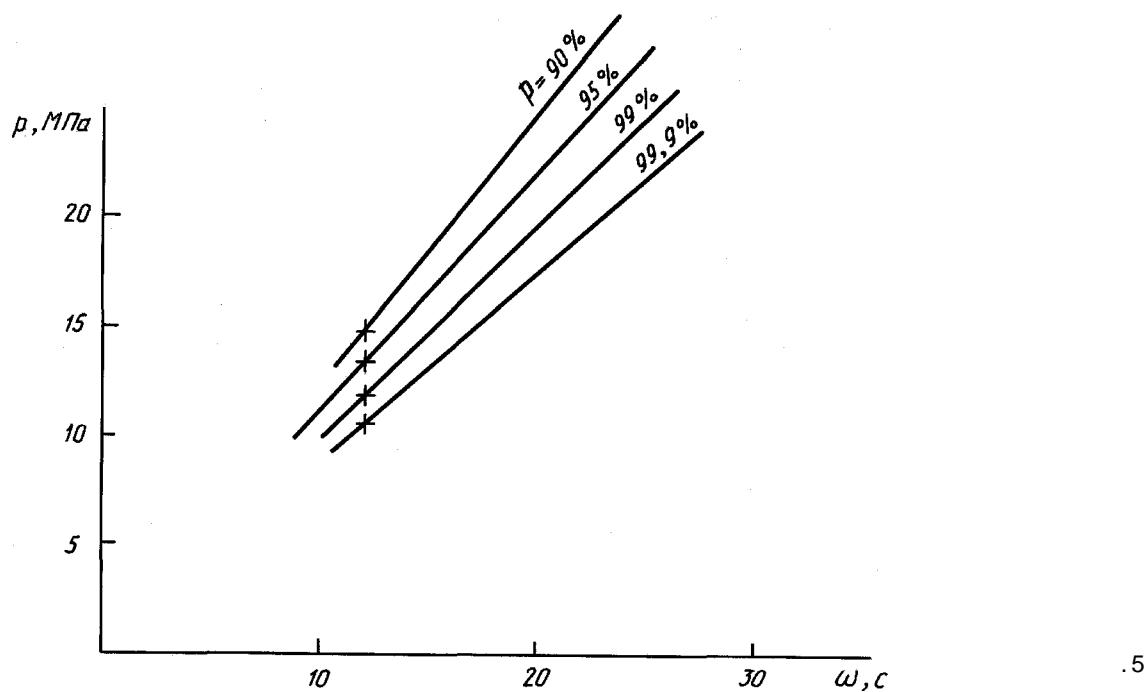






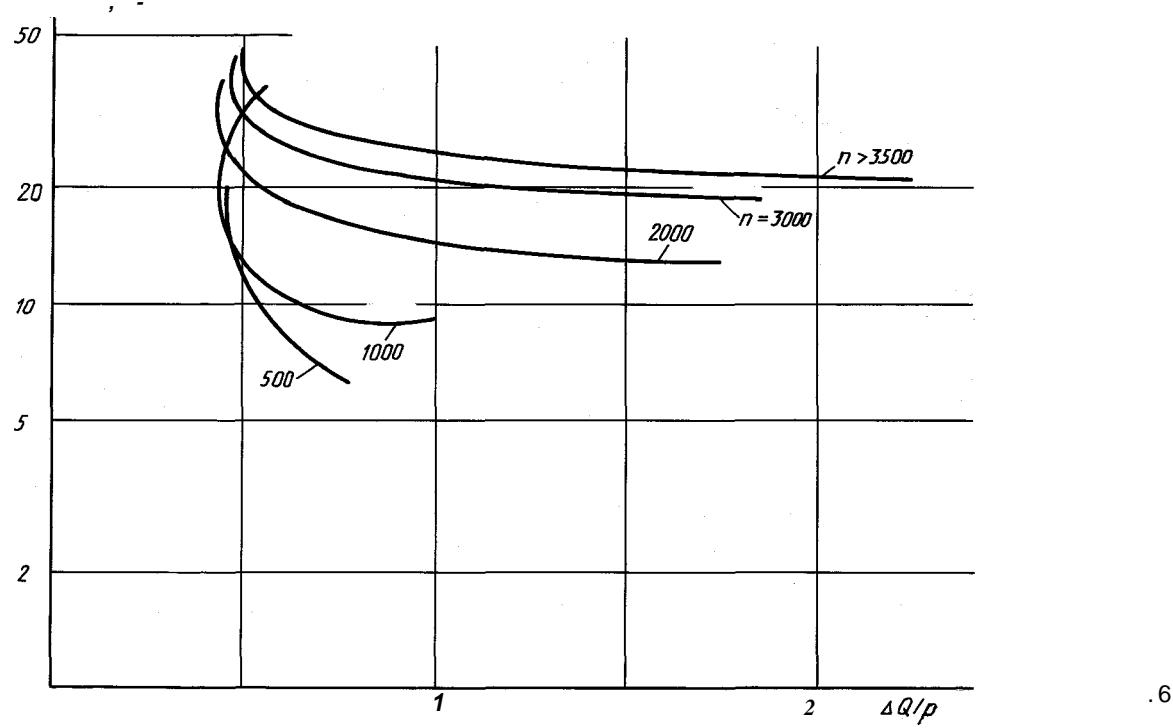
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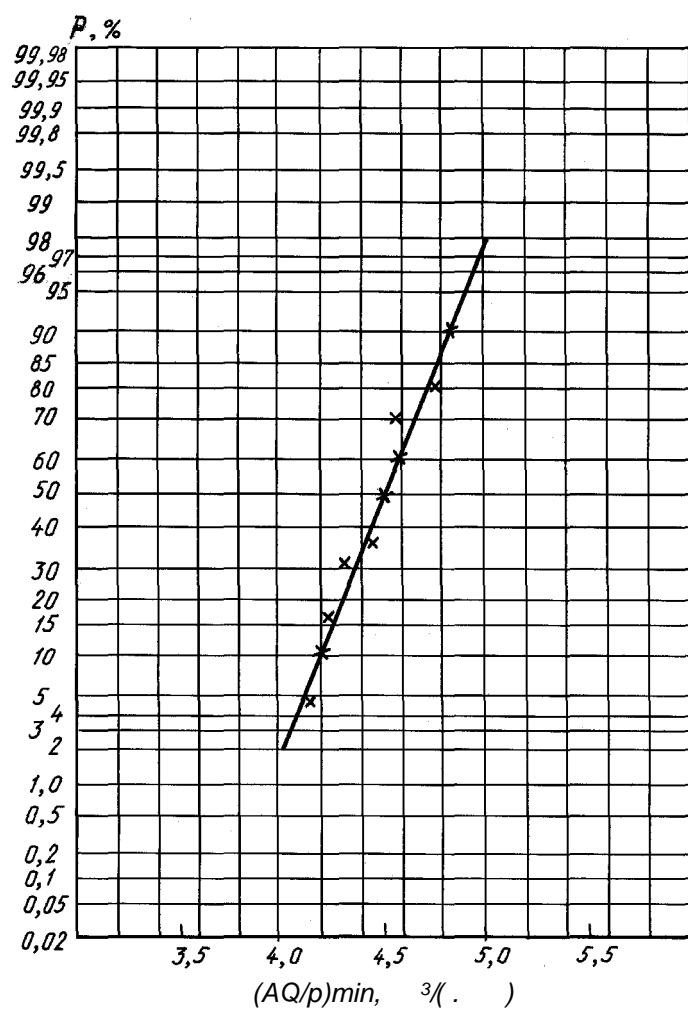


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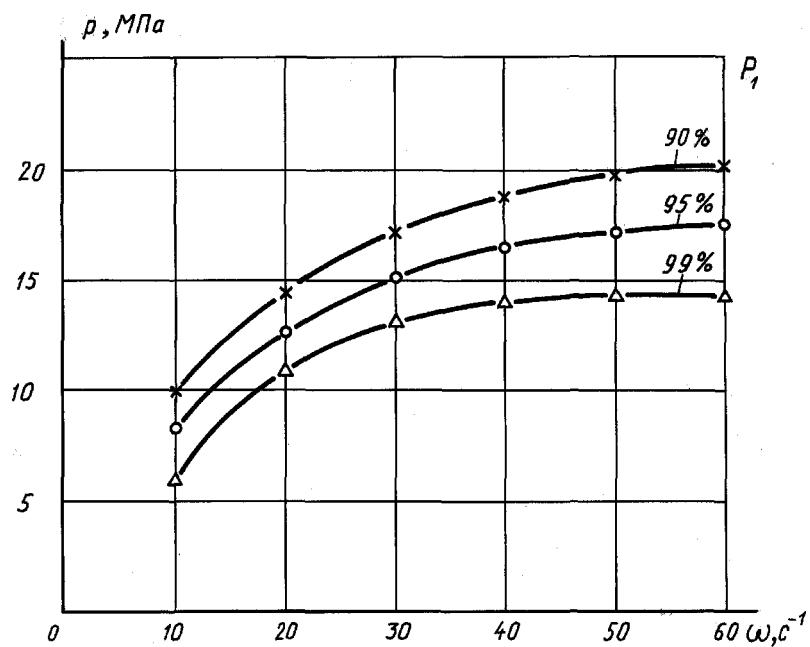


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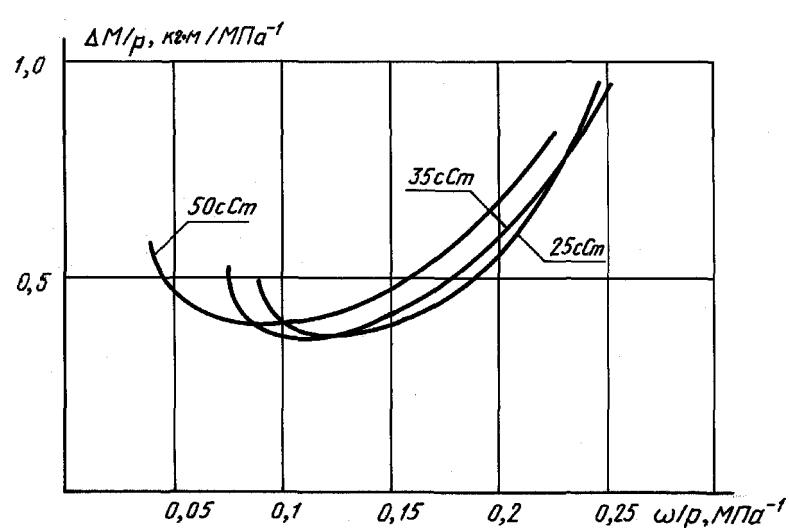
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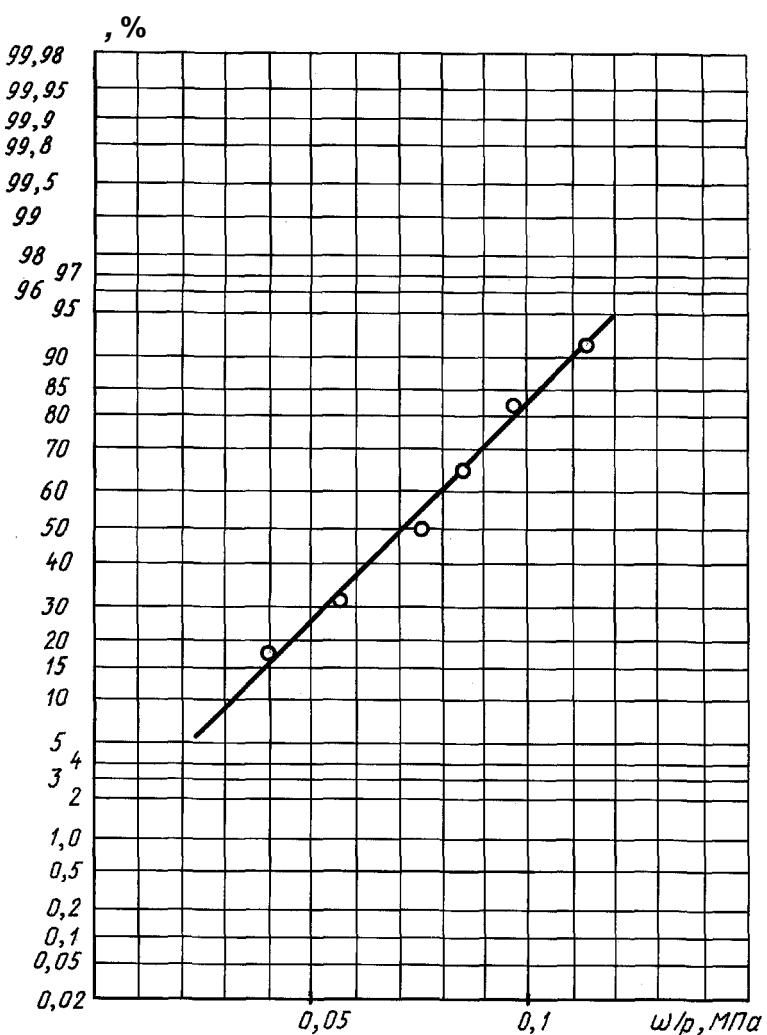


Черт. 8

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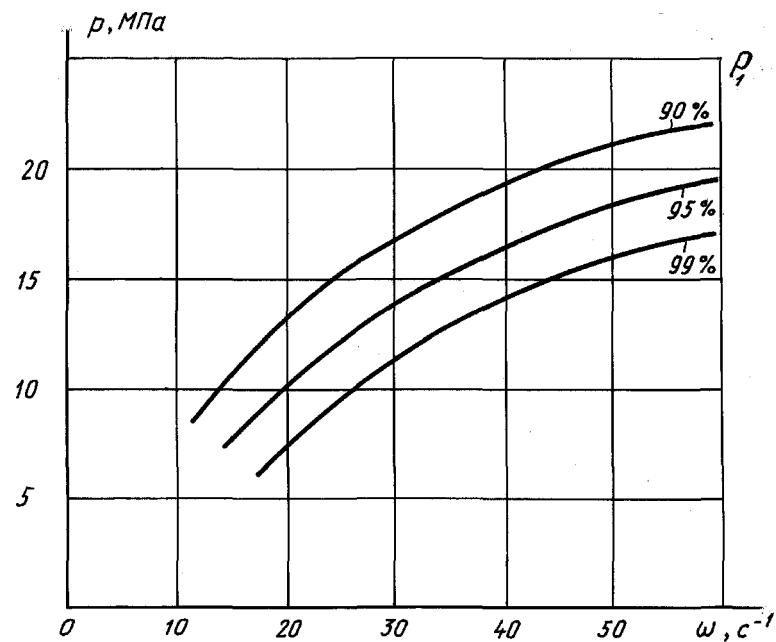


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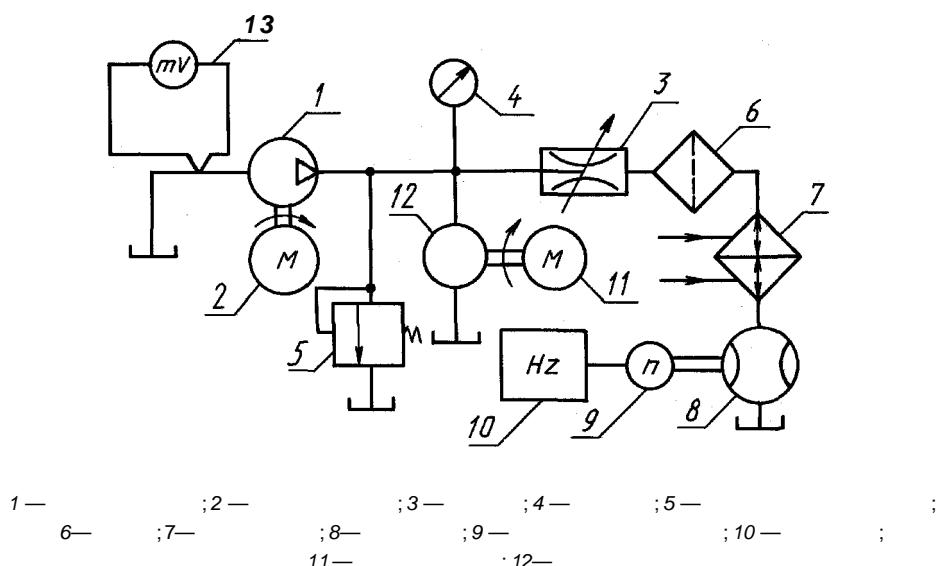
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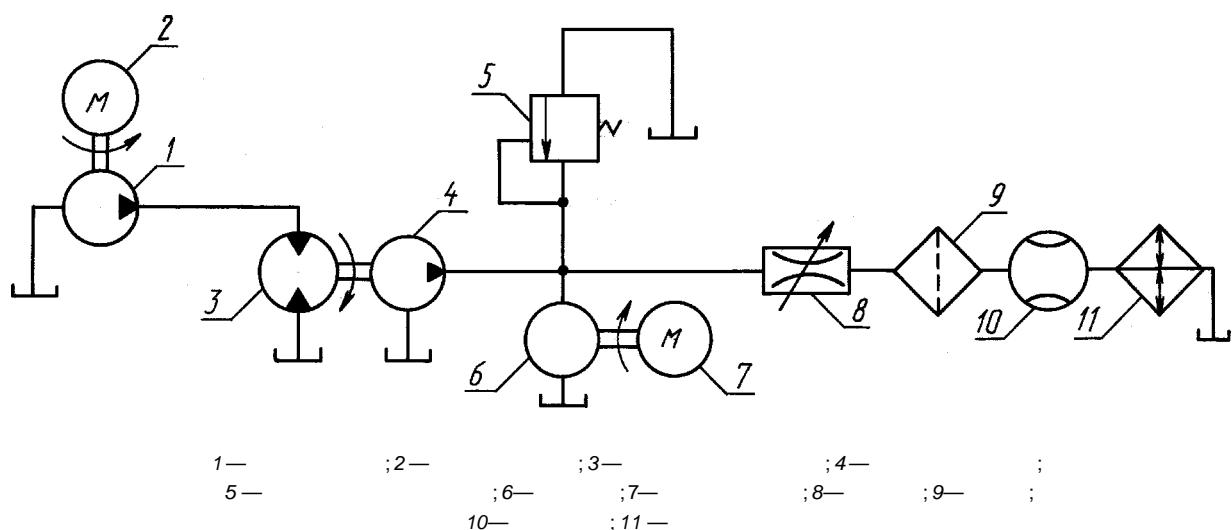
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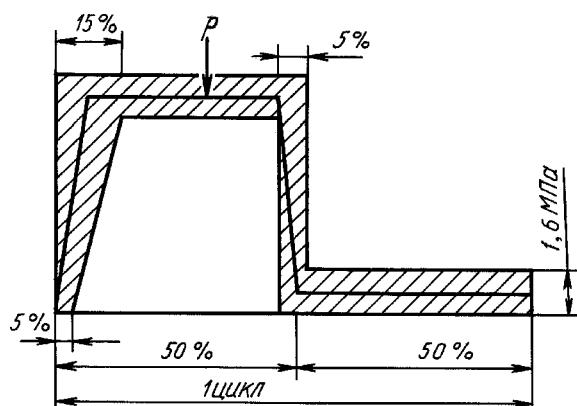
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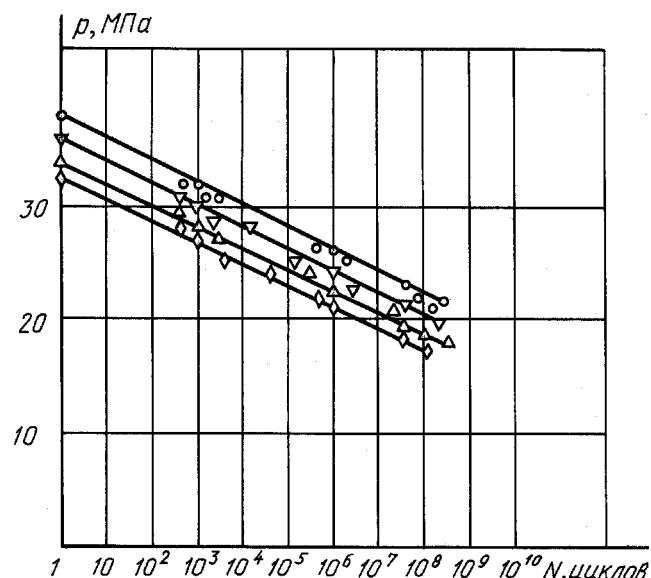
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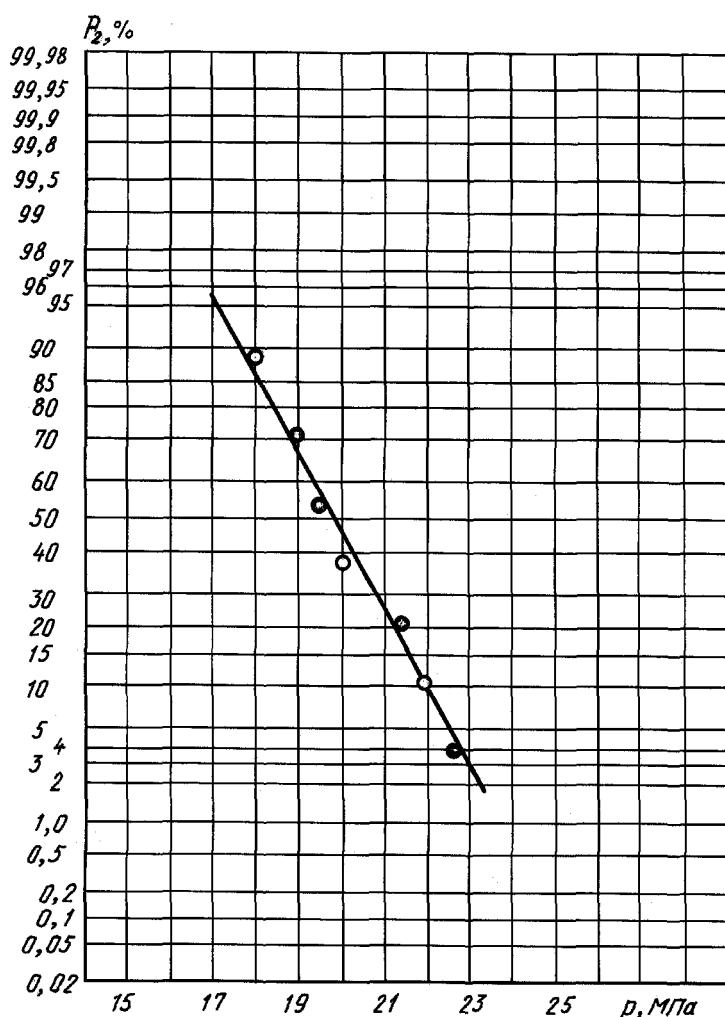
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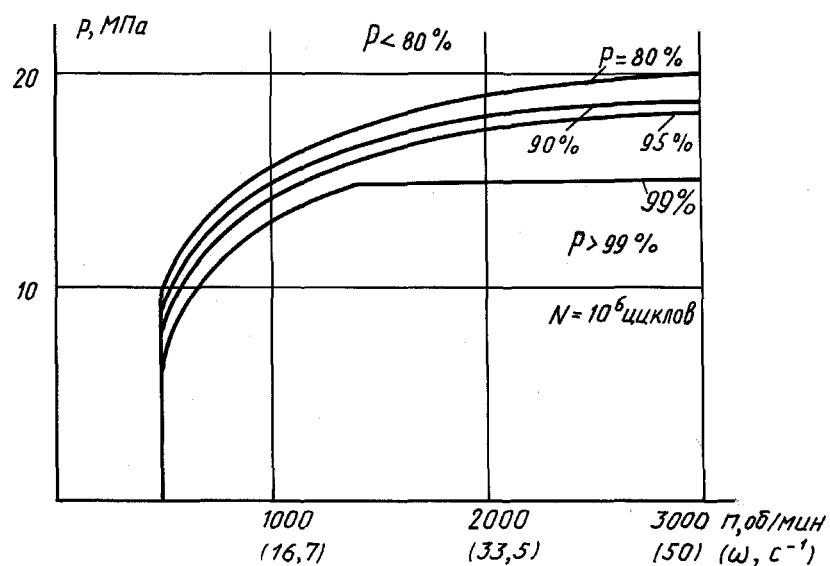
Черт. 14



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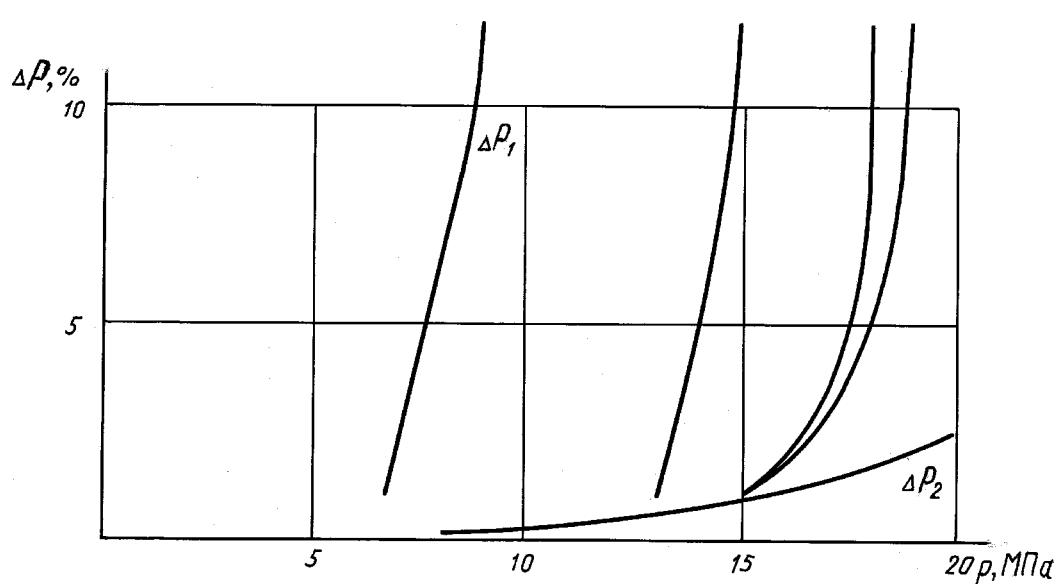


32-3



32-3

1. 32—3 1 . 2.3.2, . .
 , (. 16 (. 11), 2. 2
 2. 32—3 2).
 3. (. 16 1—Pi 1— 2
 (. 18).
 4.
 5. « » 32—3
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5. . AeiyCT 2005 .

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