

„JACK UP”

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„ • • - , • ” 73

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Abstract: The purpose of this development is to apply the JACK UP method to test the alignment of a ship's line

Key words: “Jack up” test, shaft alignment, SAG, GAP

:
„JACK UP” -

: , “Jack up” ,

1.

„

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)

(

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).

„Jack up”.

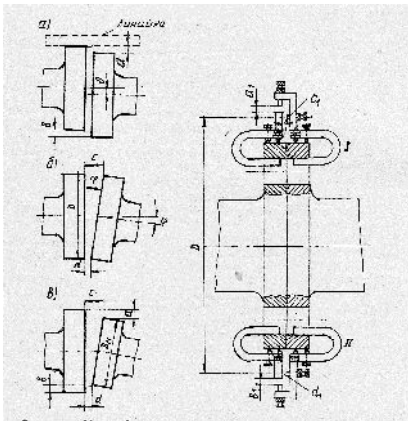
2.

[1].

8].

[1, 2,

2 :



. 1.

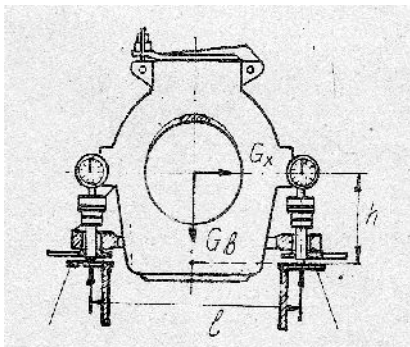
(.1)

[3, 4].

2

90

3



.2.

(.2)

:

0,3 mm/m

;

,

2

-

;

[3, 4, 7].

(-)

- (2).

-

-

,

(),

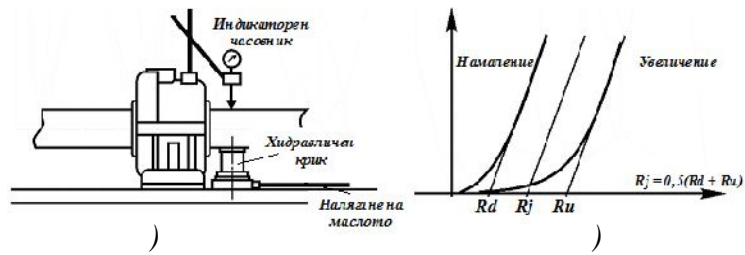
,

1.

2.

3.

(3).



.3.

1.

(3).

2.

()

(F)

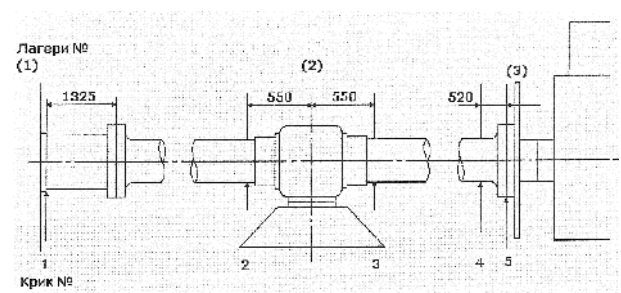
(F) ()
3.

(Rd) (Ru),
(Rj) (.3).

() (.4).

$$C = \frac{R_I}{R_K} \quad (1)$$

: R_I – ; R_K –



	1	2		3	
	1	2	3	4	5
	0,989	1,012	0,932	1,708	1,380

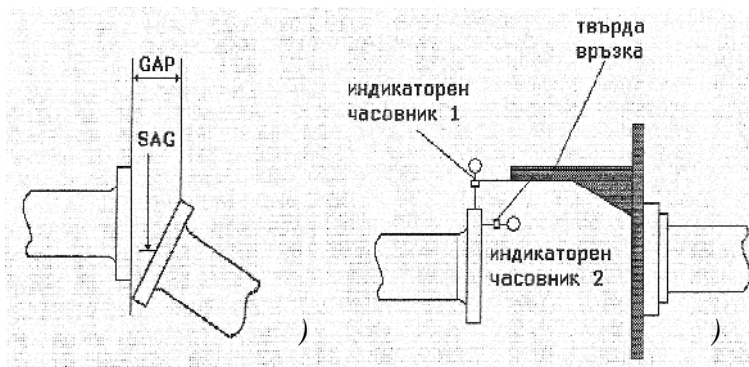
. 4.

(Rj)

(SAG)

(GAP)

.5 .



.5.

(SAG)

(GAP)

. 5 .

– (0°, 90°, 180°, 270°),

1.

1	2
t_1 –	t_2 –
s_1 –	s_2 –
b_1 –	b_2 –
p_1 –	p_2 –

$$(SAG) - \quad \quad \quad 1$$

$$(SAG) \quad \quad \quad :$$

$$(SAG) = 0,5 \cdot (t1 - b1) \quad \quad \quad (2)$$

$$(SAG) \quad \quad \quad :$$

$$s1 = p1 \quad \quad \quad (3)$$

$$(GAP) - \quad \quad \quad 2.$$

$$(GAP) \quad \quad \quad :$$

$$(GAP) = b2 - t2 \quad \quad \quad (4)$$

$$(GAP) \quad \quad \quad :$$

$$s2 = p2 \quad \quad \quad (5)$$

$$GAP \quad SAG \quad \quad \quad ,$$

:

(SAG)

(GAP=0).

0,05 mm

3.

1.

BERG

;

2.

;

3.

,

1.

„ . . . „ . . . „ „

„,

„ „, „, 2007 .

2. „ . . . „ ”, „ , 1968 .
3. „ „ ”, , , 1995 .
4. . „ ”, „ , 1978 .
5. „ . . . „ ”, , 1972 .
6. BERG.
7. , „ , . „ , 2016, 1, . 66-68, ISSN 1310-9278.
8. , „ , . . „ , 2010, 1, . 26-31, ISSN 1312-0859.