



1

2



GB/T 3960
GB/T 12444
GB/T 12763.2
GB/T 17754
HY/T 047

2

3

GB/T 17754

3.1

testing load

3.2

friction coefficient

3.3

rubbing pair

3.4

friction force

3.5

wear loss

3.6

cathodic protection

/

1V

3.7

total material weight loss

3.8 wear-corrosion synergism

3.9 corrosion factor

3.10 wear factor

3.11 synergistic effect

3.12 aggravating effect

4

4.1

4.2 GB/T 12444

a)

b)

c)

d)

4.3 1 GB/T 3960

1

4.4
mm

6 mm

6

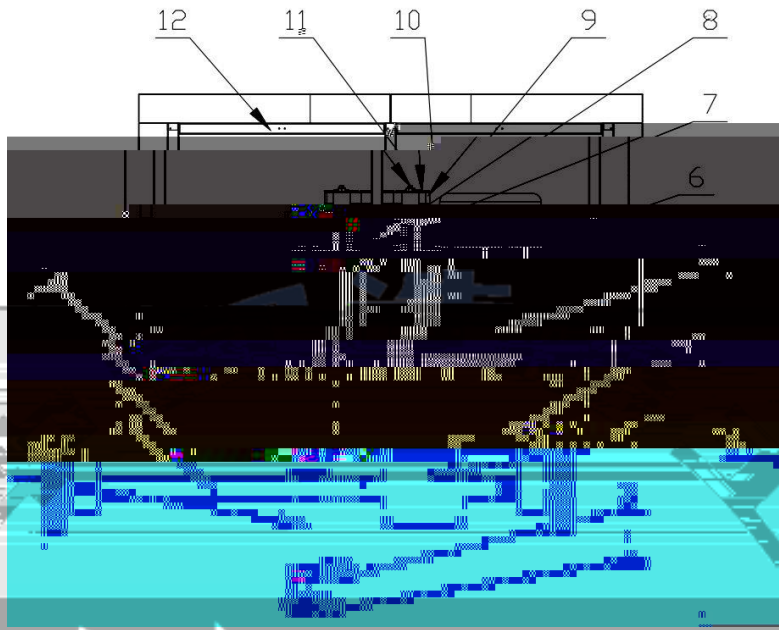
4.5

60

2 h

5.1			2	3
5.2		-60	1	/min
400 mm				
5.3		$\pm 1\%$		1%
	$\pm 3\%$	3%		0.1 mm
	0.14mm			

mm



1-
2-
3-
4-
5-
6-
7-

8-
9-
10-
11-
12-
13-
14-

3

6

6.1

6.2

6.2.1

6.2.1.1

6.2.1.2

6.2.1.3

6.2.1.4

6.2.1.5

-60

5

± 3

50 kN

5

6.2.2

a) HY/T 047

b)

c)

6.2.113

TM

$$7.1.2 \quad C_w - T = \frac{C_w - C_0}{C_0} \times 100 \quad \text{g/yr} \cdot \text{mm}^2 \quad (2)$$

$$7.1.3 \quad \frac{C_w - C_0}{C_0} = \frac{W_c - W_0}{W_0} \times 100 \quad \text{g/yr} \cdot \text{mm}^2 \quad (3)$$

W_c —
 W_0 —
 W_c / W_0

