

1a,1b

,

2,3,4

,

5a,5b

,

6

P - V

,

7

,

8a,8b

가

,

9,10,11

,

12a,12b

가

,

13

,

14

,

()

4 ; 4a ;

5 ; 7 ;

8 ; 9 ;

10 ; 20 ;

21 ; 22 ;

a ; b ;

P ;

, 가

, 가 (RECIPROCATING COMPRESSOR), (SCROLL COMPRESSOR) (ROTARY COMPRESSOR), 가 .

가 .

(1) 가 (2) , 1a, 1b 가 (3) (1)

(4) , 가 가 (P) (4a)가 (1) (3)
(5) (P) (4a)가 (5) , (P) (4) (P)
7)(8) , (6) (4a) (5) (P) (4) (P)
가 (9) , (5) 가 (9)
(9) (a) (b) (5) (10)

(5) 가 가 (5a)가 (10) (10)
(b) 가 가 (5b)가 (5a) (10) (5b) (5b)
(4) (5b), (10) (5a) (5b) (7a) (5)
((7) (8) 가 가 (11) (12)
(1) (1) 가 가

13 , 14 , 15 , 16 .

(4) 가 (3)가 (4)
(P) (4a) (9) (10) (9)
(5b) 가 가 (11) (5a)
(7a) 가 (13)

(4) 가 가 , , 2
(4a) (d) (10) 가 (10) 90°
(10) 180° (4a) (d) (10) (P)가 (10)
(a) 가 가 (b) 가
(4) (a) 가 가 180° , 4 가
(5b) (b) 가 가 (13)가 (b) 가 가
(b) 가 가

(5b)

(7a)

(3)가

가

가

150° ~ 270°

5a, 5b

(12)

(30)

가

6

가

1

P - V

90°

24°

160°

가

가

90°

7

가

가

가

가

가

80° ~ 90°

가

8a, 8b

4a)가

(9)

(5)

(3)

(P)

(4)

(4)

(4a)

가

(9)

(9)

(4a)

가

(

(t) (5) (P) 가 가
(5a)가 (P) 가 가 (5b)가
(5b) (5a) (5) (10) (10)
(P) (P) (9) (10) (4)
(P) (9) (a) (b)

(5) , (7) (8) (P)
(4) , (7)(8) (4) (7)
(8) (5b) (7a) ()
(7a) (13)가 .

(10) (4) 80° ~ 90°
(P) (20) (20) (2)
, 가 가 . (20)
(8) (20) (7) (8)
(20) (5) (9)
0.5% ~ 2%가 . 가 0.5% ~ 2%가

(20) (5) (21) (L)가 (t)
(22) 가 (5) (22) (t)
55% 가 .

, 가 (4) (4a) (3)가 (4) (4)
, (4) (9) (10) (P)

(9) (10) 가 가
(11) (5a) (P) (5b) (7a) 가
가 (13) , (4a) (4) (d) (10) 가
, , 9 , (4) (4a) (d) ,
10 (20) 가 가 (b) (10) ()
a) (b) (a) 가 가 (b) (b) 11
가 . (20) (d) (20) (5b)
, (4) (4a) (d) (20) 가 가
(b) 가 (a) 가 가 (13)가 가 가 (5b)
(b) 가 (7a)

가

(20) , 12a (20)

, 12b (20)

가

, 90°

13 (20)

(20) 80° ~ 90°

가

,

(20)

가

가

14

(20)

(20)

(10)

80° ~ 90°

가

,

80° ~ 90°

가

가

가

(57)

1.

가

가

가

80° ~ 90°

2.

1

0.5% ~ 2%

가

3.

1

2

4.

1

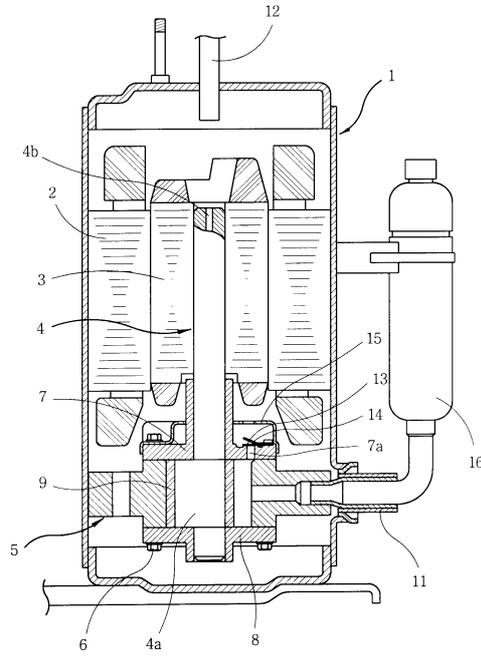
2

,

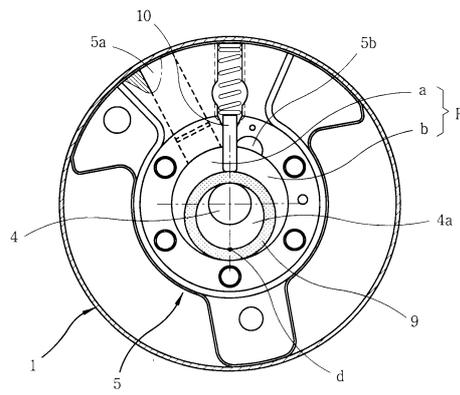
가

55%

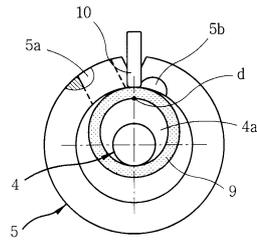
1a



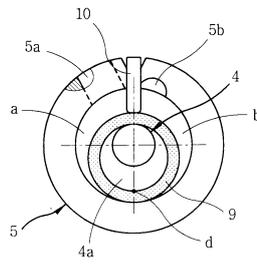
1b



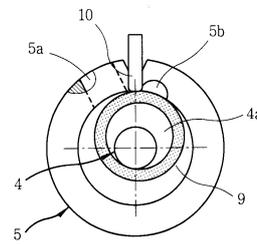
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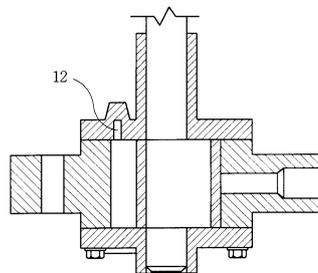
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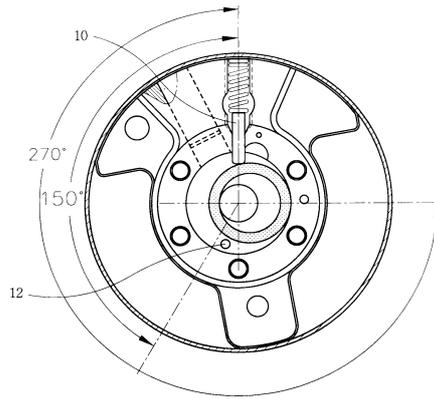
4



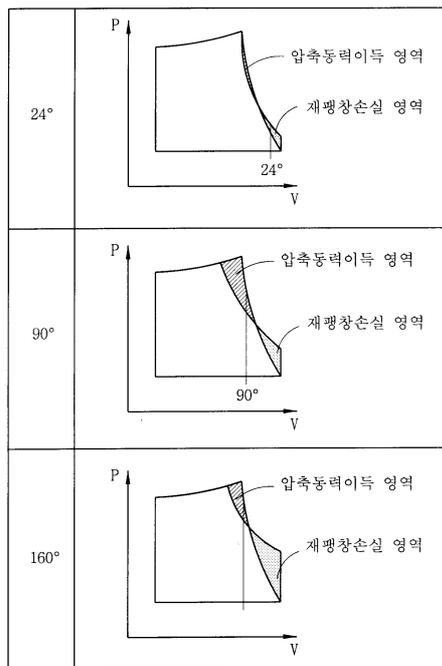
5a



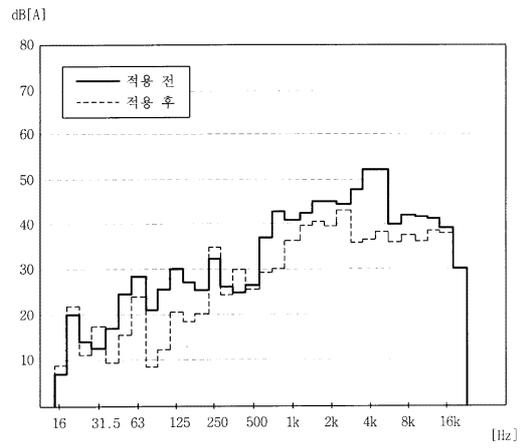
5b



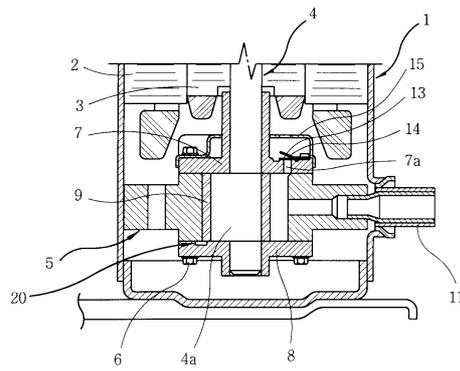
6



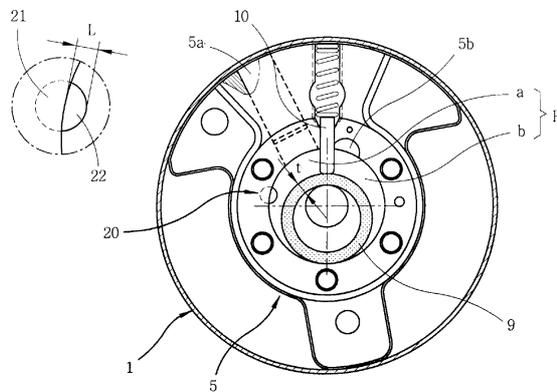
7



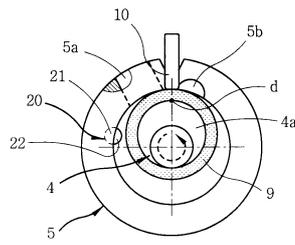
8a



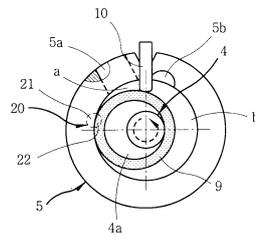
8b



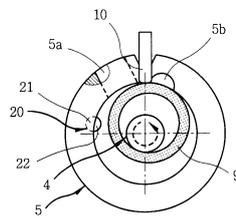
9



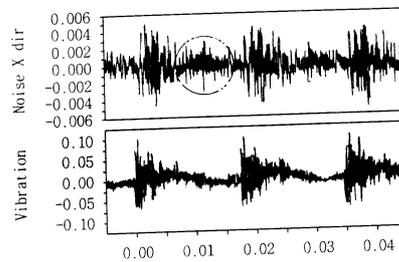
10



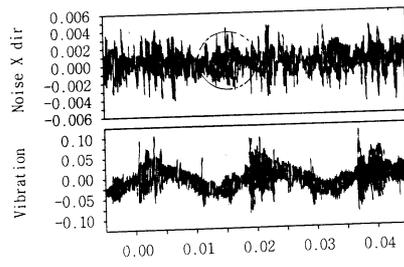
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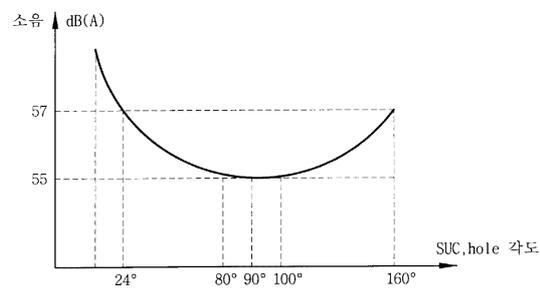
12a



12b



13



14

