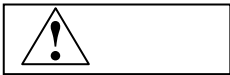


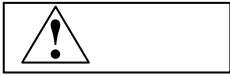


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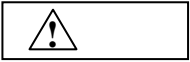
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가



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- , , (轉倒)
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- - 1 가 (3 conductor )
- 가 Reactor
- 400V
- 가
- 가
- 가



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1.

2.

(1)

30Kg

가

(2)

(3)

(4)

(Key)

가

(5)

가 -10~40°

가

가

(6)

가

(7)

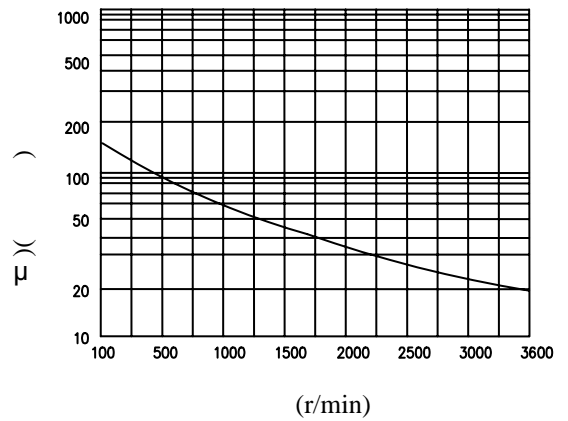
가 가

0.5G

가  
가

가

가



가

가

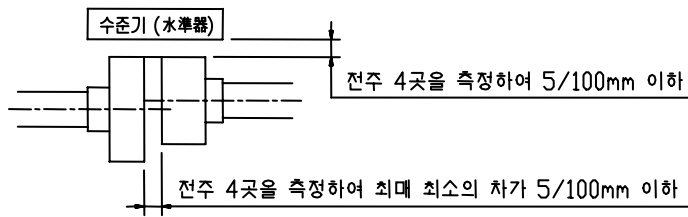
1 1

10

(8)

가

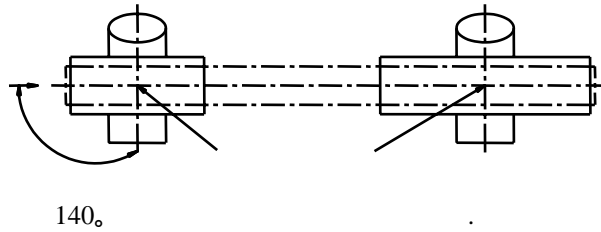
(a)



(b)

( ) 가 가  
가

V



140。

1

가

가

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가 가

5~6 가

V

1

(Tb) 가

(f)가

(t) 100mm

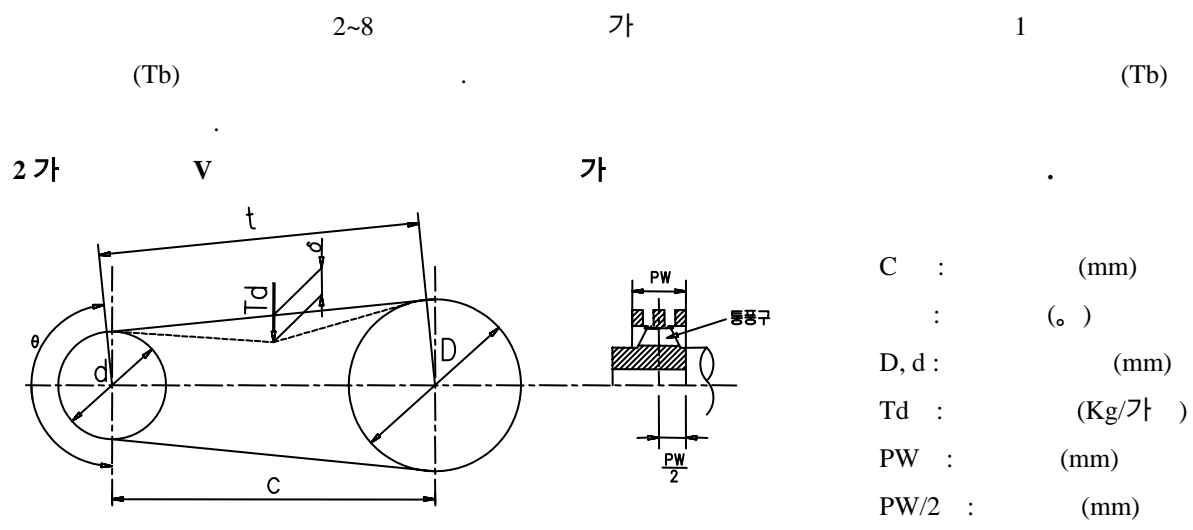
1.6mm 가

(

1000mm

$$f = 1.6 \times 1000 / 100 = 16\text{mm}$$

Kw	2極								4極								6極								8極							
	PW		가	PW/2 mm	Td(kg/1가)		PW	가	PW/2 mm	Td(kg/1가)		PW	가	PW/2 mm	Td(kg/1가)		PW	가	PW/2 mm	Td(kg/1가)												
	( )mm	( )mm			( )mm	( )mm				( )mm	( )mm				( )mm	( )mm				( )mm	( )mm											
0.1	-	-	-	-	-	-	-	75	20	A	1	10	0.3~0.35	0.2~0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
0.2	75	20	A	1	10	0.3~0.35	0.25~0.3	75	20	A	1	10	0.4~0.45	0.3~0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
0.4	75	20	A	1	10	0.45~0.55	0.35~0.45	75	20	A	1	10	0.7~0.8	0.5~0.7	80	20	A	1	10	0.9~1.0	0.7~0.9	80	20	A	1	10	1.1~1.3	0.9~1.1				
0.75	80	20	A	1	10	0.7~0.8	0.6~0.7	80	20	A	1	10	1.1~1.3	0.9~1.1	80	35	A	2	17.5	0.9~1.0	0.7~0.9	80	35	A	2	17.5	1.1~1.3	0.9~1.1				
1	-	-	-	-	-	-	-	90	35	A	2	17.5	0.8~1.0	0.6~0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1.5	80	35	A	2	17.5	0.8~0.9	0.6~0.8	90	35	A	2	17.5	1.1~1.2	0.8~1.1	100	35	A	2	17.5	1.4~1.6	1.1~1.4	95	50	A	3	25	1.3~1.4	1.0~1.3				
2.2	90	35	A	2	17.5	0.9~1.1	0.7~0.9	100	35	A	2	17.5	1.4~1.5	1.1~1.4	100	50	A	3	25	1.3~1.5	1.0~1.3	112	50	A	3	25	1.5~1.8	1.2~1.5				
3.7	90	50	A	3	25	1.0~1.2	0.8~1.0	112	50	A	3	25	1.4~1.6	1.1~1.4	125	63	B	3	31.5	1.8~2.1	1.4~1.8	132	63	B	3	31.5	2.2~2.5	1.7~2.2				
5.5	112	50	A	3	25	1.3~1.5	1.0~1.3	125	63	B	3	31.5	1.9~2.1	1.5~1.9	150	63	B	3	31.5	2.2~2.5	1.7~2.2	150	82	B	4	41	2.2~2.5	1.7~2.2				
7.5	132	50	A	3	25	1.5~1.8	1.2~1.5	150	63	B	3	31.5	2.2~2.5	1.7~2.2	150	82	B	4	41	2.3~2.6	1.8~2.3	150	101	B	5	50.5	2.4~2.7	1.8~2.4				
11								160	82	B	4	41	2.2~2.6	1.8~2.2	170	101	B	5	50.5	2.4~2.8	1.9~2.4	200	101	B	5	50.5	2.7~3.1	2.1~2.7				
15								170	101	B	5	50.5	2.4~2.7	1.8~2.4	224	101	B	5	50.5	2.6~3.0	2.0~2.6	224	111	C	4	55.5	4.1~4.7	3.2~4.1				
18.5								200	101	B	5	50.5	2.6~2.9	2.0~2.6	224	111	C	4	50.5	4.0~4.6	3.1~4.0	224	136	C	5	68	4.1~4.7	3.2~4.1				
22								224	101	B	5	50.5	2.8~3.2	2.2~2.8	224	136	C	5	68	3.9~4.4	3.0~3.9	250	136	C	5	68	4.4~5.0	3.4~4.4				
30								224	136	C	5	68	4.0~4.6	3.1~4.0	265	136	C	5	68	4.5~5.2	3.5~4.5	265	162	C	6	81	4.7~5.4	3.7~4.7				
37								224	162	C	6	81	4.1~4.7	3.2~4.1	265	162	C	6	81	4.6~5.3	3.6~4.6	280	187	C	7	93.5	4.7~5.4	3.7~4.7				
45								265	162	C	6	81	4.5~5.2	3.5~4.5	280	187	C	7	93.5	4.6~5.3	3.6~4.6	315	187	C	7	93.5	5.2~5.9	4.0~5.2				
55								265	187	C	7	93.5	4.7~5.4	3.7~4.7	300	213	C	8	106.5	4.7~5.4	3.7~4.7	355	196	D	5	98	8.3~9.5	6.4~8.3				
75								315	213	C	8	106.5	5.2~6.0	4.0~5.2	355	233	D	6	116.5	8.0~9.2	6.2~8.0	400	233	D	6	116.5	8.6~9.9	6.7~8.6				
90															400	233	D	6	116.5	8.8~10.2	6.9~8.8	450	233	D	6	116.5	9.4~10.8	7.3~9.4				
110															400	270	D	7	135	9.1~10.5	7.1~9.1	450	270	D	7	135	9.7~11.2	7.6~9.7				
132															475	270	D	7	135	10.1~11.6	7.9~10.1	450	344	D	9	172	9.2~10.6	7.2~9.2				
0.1	-	-	-	-	-	-	-	71	17.4	3V	1	8.7	0.3~0.35	0.25~0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
0.2	71	17.4	3V	1	8.7	0.3~0.35	0.25~0.3	71	17.4	3V	1	8.7	0.4~0.45	0.35~0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
0.4	71	17.4	3V	1	8.7	0.45~0.5	0.35~0.45	71	17.4	3V	1	8.7	0.7~0.8	0.6~0.7	71	17.4	3V	1	8.7	1.0~1.2	0.8~1.0	75	17.4	3V	1	8.7	1.3~1.5	1.0~1.3				
0.75	71	17.4	3V	1	8.7	0.7~0.8	0.6~0.7	71	17.4	3V	1	8.7	1.3~1.5	1.0~1.3	75	17.4	3V	1	8.7	1.8~2.0	1.4~1.8	75	27.7	3V	2	13.9	1.3~1.4	1.0~1.3				
1	-	-	-	-	-	-	-	75	27.7	3V	2	13.9	1.1~1.3	0.8~1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1.5	75	17.4	3V	1	8.7	1.3~1.5	1.0~1.3	75	27.7	3V	2	13.9	1.3~1.5	1.0~1.3	75	27.7	3V	2	13.9	1.8~2.1	1.4~1.8	80	27.7	3V	2	13.9	2.2~2.5	1.7~1.9				
2.2	75	17.4	3V	1	8.7	1.8~2.1	1.4~1.8	75	27.7	3V	2	13.9	1.8~2.0	1.4~1.8	90	27.7	3V	2	13.9	2.1~2.5	1.7~2.1	90	38	3V	3	19	1.9~2.2	1.5~1.9				
3.7	75	27.7	3V	2	13.9	1.6~1.8	1.3~1.6	100	27.7	3V	2	13.9	2.2~2.5	1.7~2.2	100	38	3V	3	19	2.2~2.5	1.7~2.2	125	38	3V	3	19	2.3~2.6	1.8~2.3				
5.5	75	38	3V	3	19	1.5~1.8	1.2~1.5	100	38	3V	3	19	2.2~2.5	1.7~2.2	140	38	3V	3	19	2.3~2.6	1.8~2.3	140	48.3	3V	4	24.2	2.4~2.7	1.8~2.4				
7.5	80	48.3	3V	4	24.2	1.5~1.7	1.2~1.5	125	38	3V	3	19	2.4~2.7	1.9~2.4	140	48.3	3V	4	24.2	2.4~2.7	1.8~2.4	140	58.6	3V	5	29.3	2.5~2.9	1.9~2.5				
11								125	48.3	3V	4	24.2	2.6~3.0	2.0~2.6	140	58.6	3V	5	29.3	2.8~3.2	2.2~2.8	160	68.9	3V	6	34.5	2.7~3.0	2.1~2.7				
15								125	69	3V	6	34.5	2.4~2.8	1.9~2.4	160	69	3V	6	34.5	2.8~3.2	2.2~2.8	180	61	5V	3	30.5	6.7~7.7	5.2~6.7				
18.5								140	69	3V	6	34.5	2.7~3.1	2.1~2.7	180	61	5V	3	30.5	6.3~7.2	4.9~6.3	180	78	5V	4	39	6.2~7.1	4.8~6.2				
22								160	69	3V	6	34.5	2.8~3.2	2.2~2.8	180	78	5V	4	39	5.6~6.5	4.4~5.6	200	78	5V	4	39	6.6~7.6	5.2~6.6				
30								180	78	5V	4	39	5.3~6.1	4.2~5.3	224	78	5V	4	39	6.2~7.1	4.8~6.2	224	96	5V	5	48	6.5~7.4	5.1~6.5				
37								200	78	5V	4	39	5.9~6.8	4.6~5.9	224	78	5V	4	39	7.5~8.6	5.8~7.5	250	96	5V	5	48	7.1~8.2	5.6~7.1				
45								224	78	5V	4	39	6.4~7.4	5.0~6.4	224	96	5V	5	48	7.3~8.4	5.7~7.3	250	113	5V	6	56.5	7.2~8.3	5.6~7.2				
55								224	96	5V	5	48	6.3~7.2	4.9~6.3	250	113	5V	6	56.5	6.8~7.8	5.3~6.8	280	113	5V	6	56.5	7.9~9.0	6.1~7.9				
75								250	113	5V	6	56.5	6.5~7.5	5.1~6.5	315	113	5V	6	56.5	7.4~8.5	5.8~7.4	355	113	5V	6	56.5	8.5~9.8	6.6~8.5				
90								280	113	5V	6	56.5	7.1~8.1	5.5~7.1	355	113	5V	6	56.5	8.0~9.1	6.2~8.0	355	124	8V	4	62	15.7~18.0	12.2~15.7				
110															355	124	8V	4	62	15.0~17.3	11.7~15.0	400	124	8V	4	62	17.1~19.6	13.3~17.1				
132															400	124	8V	4	62	16.2~18.6	12.6~16.2	450	124	8V	4	62	18.3~21.0	14.2~18.3				



$$t : \text{(mm)} = \sqrt{C^2 - \left(\frac{D-d}{2}\right)^2}$$

$$= \text{(mm)} = 1.6 \times t/1000$$

V V 가 가

V V 가

(C)

가

3.

- (1) 가 , 가 2%
- (2) 가
- (3)
- (4)
- (5) 1% , ,  
105% 가
- (6) Tape 가  
가 Tape ( )



(Kw)	(V)	(A)	(mm <sup>2</sup> )	(mm <sup>2</sup> )	(B ) (A)
0.4	200	5	2.0	2.0	15
0.75	200	5	2.0	2.0	15
1.5	200	10	2.0	2.0	15
2.2	200	10	2.0	2.0	20
3.7	200	15	3.5	3.5	30
5.5	200	30	5.5	5.5	50
7.5	200	30	8.0	5.5	75
11	200	60	14	14	100
15	200	60	22	14	100
18.5	200	100	30	22	150
22	200	100	30	22	150
30	200	150	50	22	200
37	200	150	80	22	200
45	400	200	30	38	150
55	400	300	50	38	150
75	400	300	80	38	150
90	400	400	100	38	150
110	400	500	125	38	-
132	400	500	200	38	-

注)

3가

4.

- (1)
- (2)                    3가                    2가
- (3)    가                    가                    가                    가
- (4)                    가
- (5) GD<sup>2</sup>(                    )가                    가                    가                    가
- 가                    GD<sup>2</sup>가                    (Hot) 1
- (Cold)2                    GD<sup>2</sup>

5.

- (1)                    :                    3
- 가                    가                    가
- (                    )
- 3.                    ( deg)

E	B	F	H
75	80	100	125

(注)                    40 °C

- (3)                    :
- 가                    가

(4) Nipple : 가 “ ”

(5) : 가 ( )

(6) Y· 1 가 .(1 3 .)

(7) 6.

(1) (a) 1 , 2 (b) (c)

(2) 가

7.

(1) (a) 가 (b) (c) 500V 가 1M

(a) , ,

가

(b) (1)-(b)

(c) 1 1M

(d)

(e) ( 1 ) 가

(3)

A/S

8.

가 1~2 1 5 1  
“ ”  
가

9.

1 6 .) . ( 가 가

(1)

(2)

- 가 ( 가 -10 ~+40 )

- Fan

-

-

(3)

(4)

가

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	가													A/S	
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	가														A/S
	가														
															A/S
															A/S

- 1. 가 . 가 .
- 2. 가 .
- 3. , , 가

10.

11.

A/S

- (1) (2) (3) (4) (5)  
( )

12.

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