

插入型絕緣/金屬軸式編碼規則

RV 09 A X F - 40 E1 - 20 F X - B 5K - X X XXX
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

1. Product Line

RV Rotary Potentiometer

2. Model

3. Structure Difference

4. Derivatives

5. RoHS Version

F indicates RoHS Compliance

6. Type of Terminal

Code	Type of Terminal
10	Solder lug
20	PC board (horizontal)
30	PC board (vertical);front
40	PC board (vertical);back

7. Type of Bushing

8. Shaft Length

9. Type of Shaft

10. Axis Angle of F-type Shaft

11. Pattern of Resistance Curve

12. Resistance Value

13. Materials & Methods for Manufacturing Shaft & Bushing

14. Number of Click

Code	Specification
0	None
C	Center Click
D	11 Positions click
E	21 Positions click
F	41 Positions click

15. Serial No.

訂單指定事項：

開立訂單時，用途請依下表記載予以指定製品之規格詳細記載並確認之。

項目：

1. 型號。
2. 公稱阻值及線性要求。
3. 軸型及長度。
4. 端子型式。
5. 段點的有無。
6. 中間抽頭的有無。
7. 音量用或其他。
8. 手焊錫或錫爐焊錫。


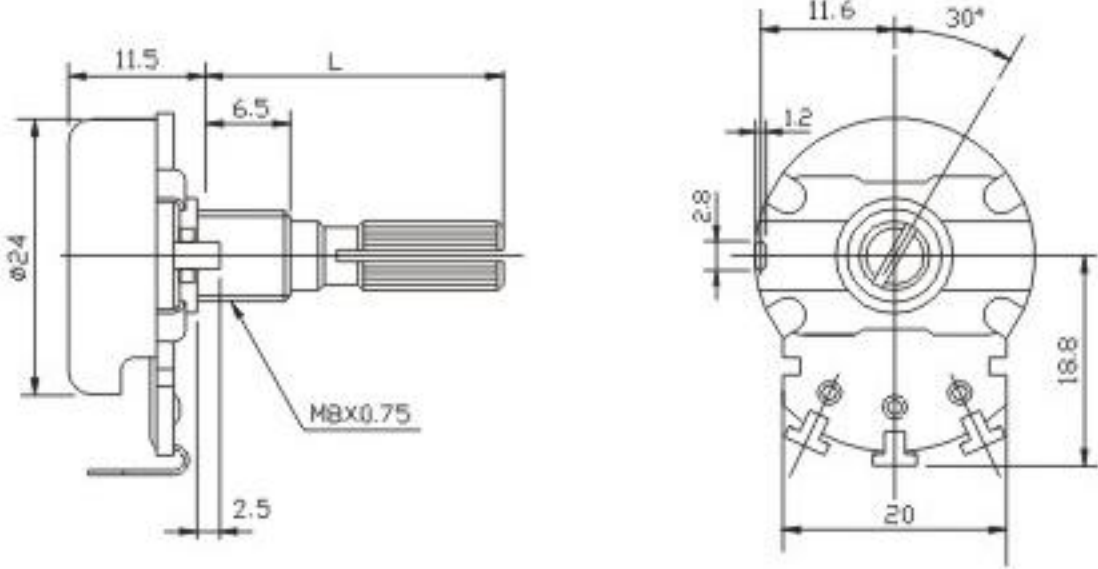


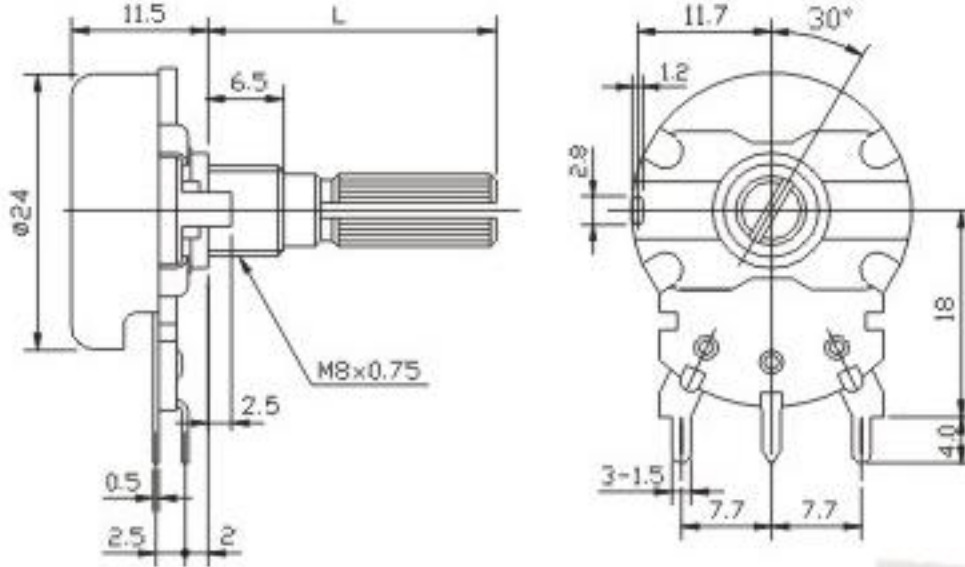


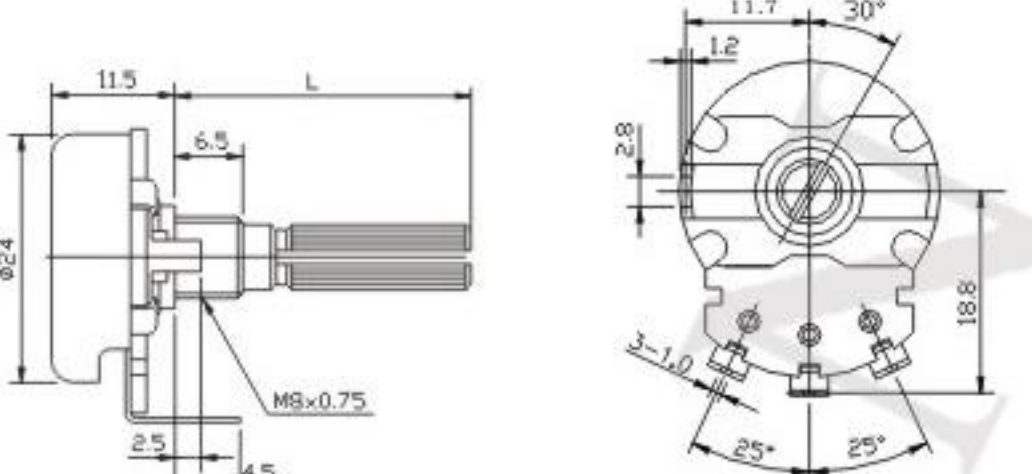
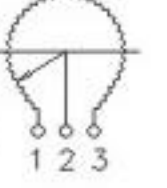

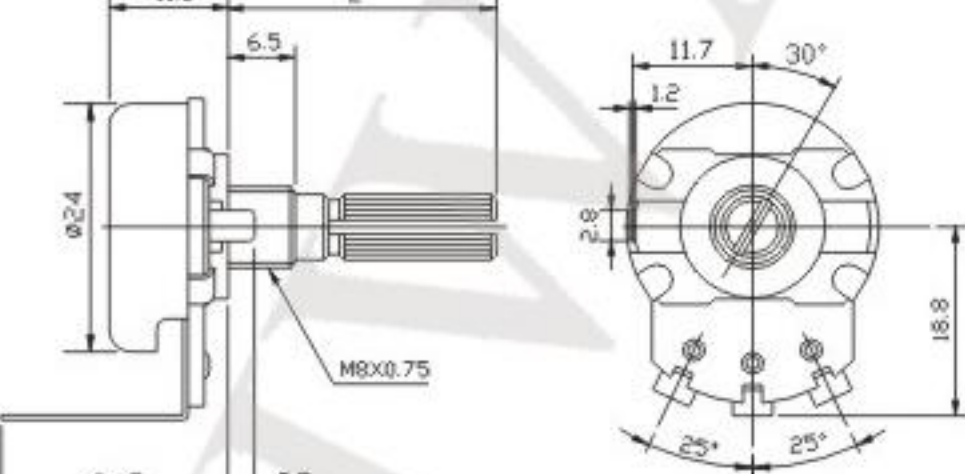
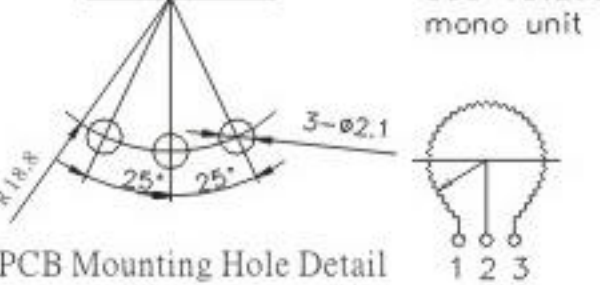

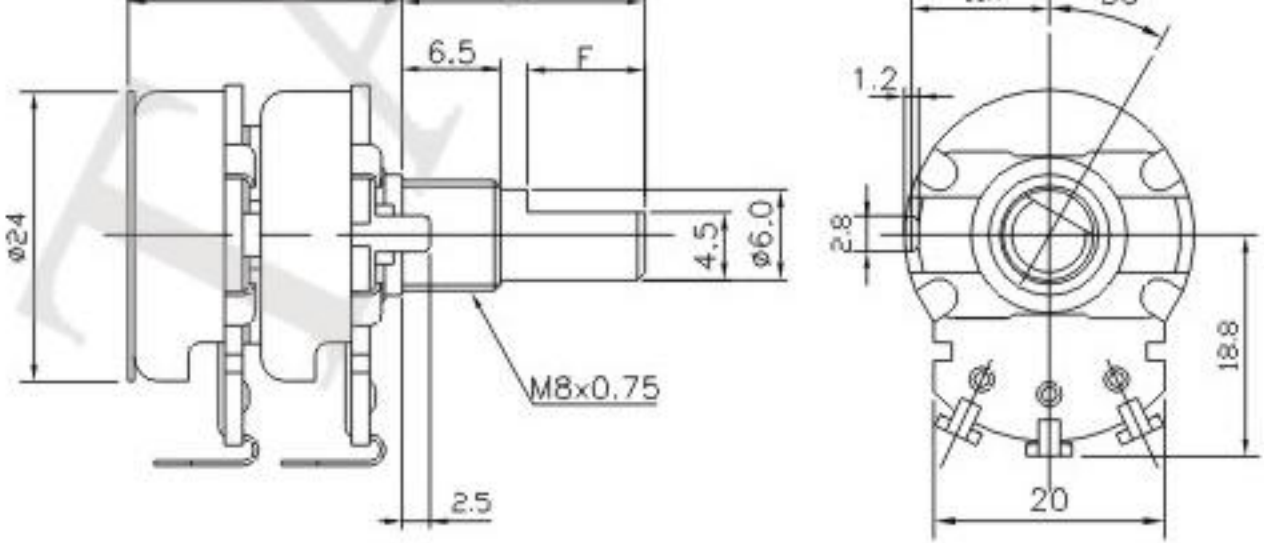
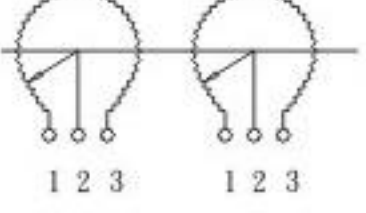
ORDERING INSTRUCTIONS


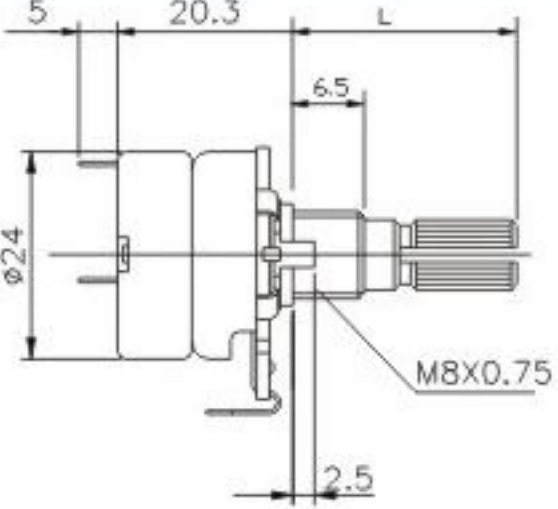
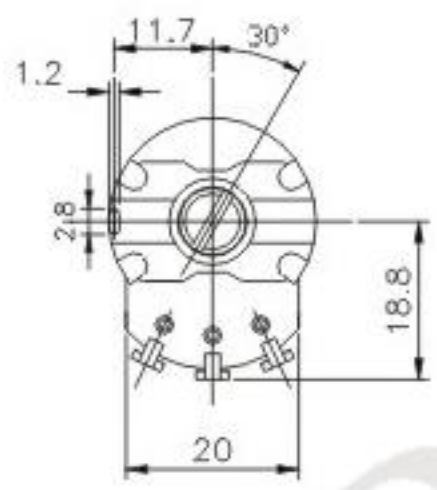
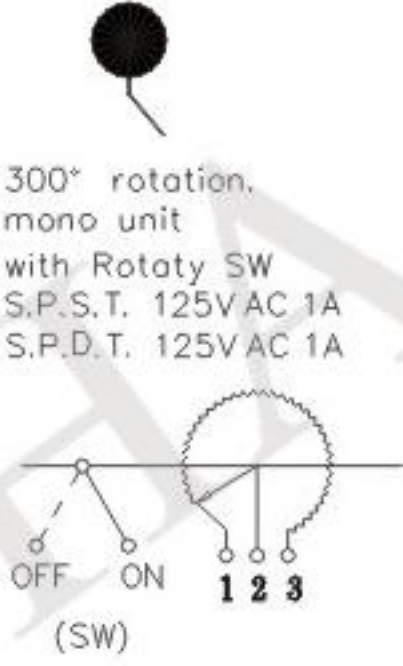

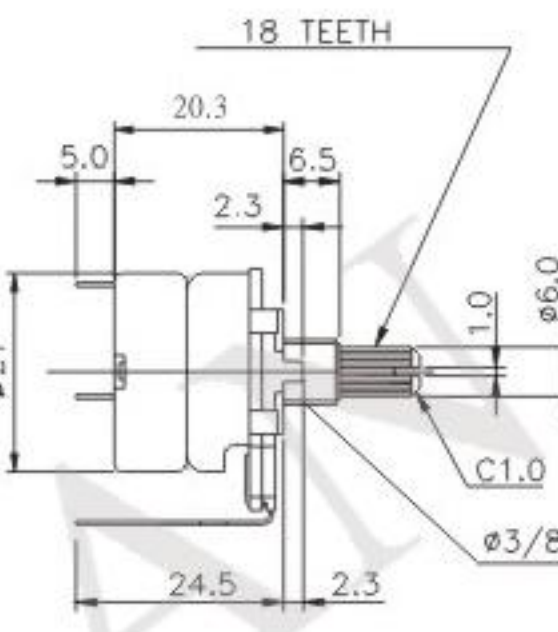
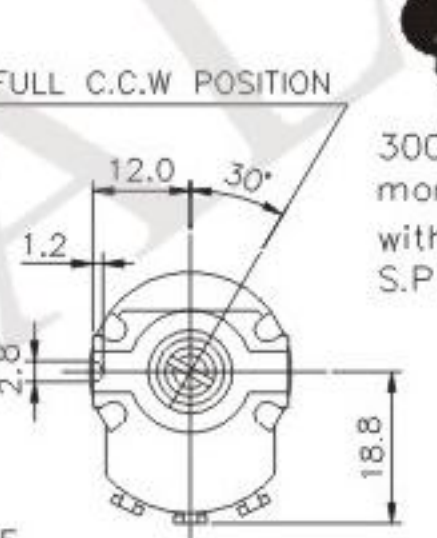
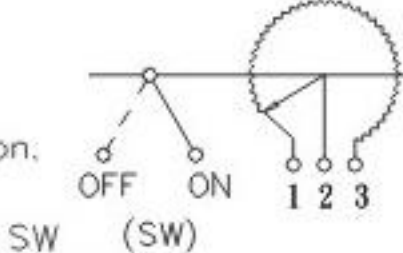
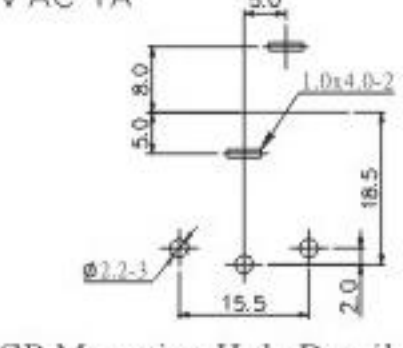
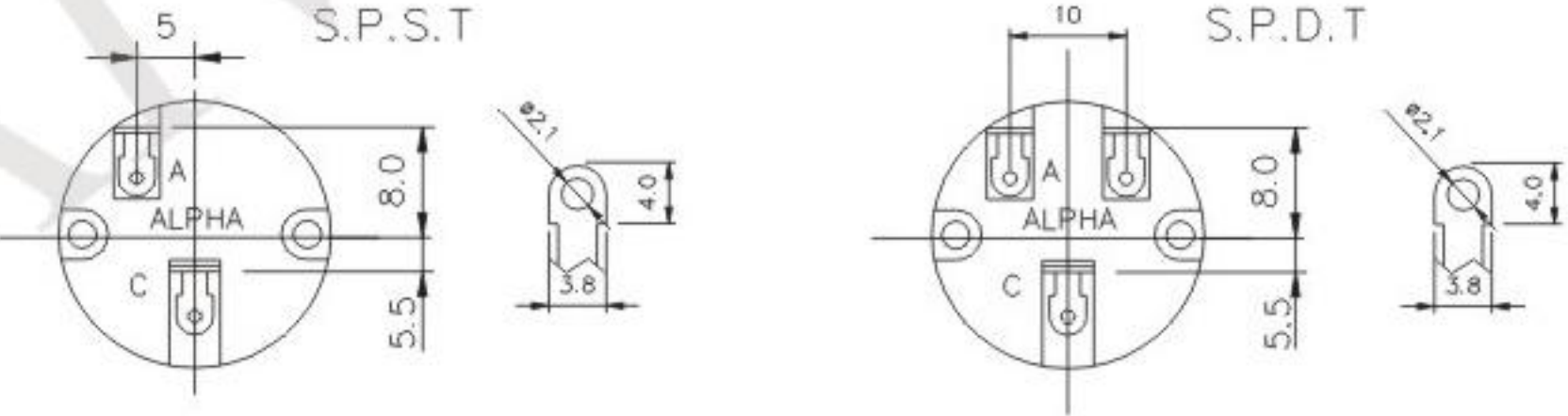
WHEN PLACING YOUR ORDER, PLEASE SPECIFY THE FOLLOWING ITEMS ACCORDING TO YOUR APPLICATION NEEDS. FOR MORE INFORMATION ABOUT OUR PRODUCTS, PLEASE REFER TO THE SPECIFICATION GIVEN ON THE FOLLOWING PAGES.

ITEMS：

1. MODEL.
2. NORMAL RESISTANCE VALUE AND TAPER.
3. SHAFT STYLE AND LENGTH.
4. TERMINAL STYLE.
5. WITH CLICK OR WITHOUT CLICK, CLICK POSITION
6. WITH TAP OR WITHOUT TAP, TAP POSITION.
7. FOR VOLUME CONTROL OR OTHER USE.
8. MANUAL SOLDERING OR DIP SOLDERING.

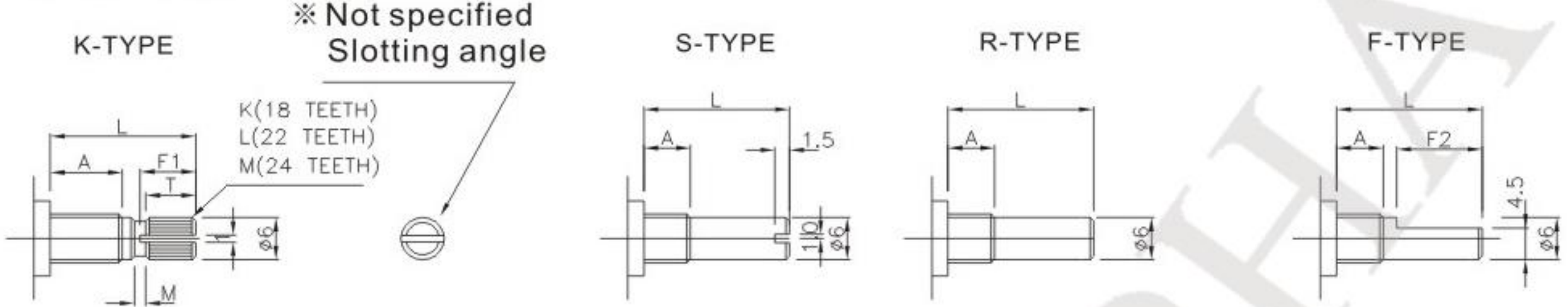
24mm METAL SHAFT SERIES

Model	Outline Drawing	Features / Individual Specification
<p>RV24AF-10</p> 	 <p>SHAFT SHOWN IN FULL C.C.W. POSITION</p>	<p>300° rotation, mono unit</p> 
<p>RV24AF-22</p> 	 <p>SHAFT SHOWN IN FULL C.C.W. POSITION</p>	<p>300° rotation, mono unit</p> <p>PCB Mounting Hole Detail</p> 
<p>RV24AF-30</p> 	 <p>SHAFT SHOWN IN FULL C.C.W. POSITION</p>	<p>300° rotation, mono unit</p> <p>PCB Mounting Hole Detail</p> 
<p>RV24AF-40</p> 	 <p>SHAFT SHOWN IN FULL C.C.W. POSITION</p>	<p>300° rotation, mono unit</p> <p>PCB Mounting Hole Detail</p> 
<p>RV24BF-10</p> <p>NEW</p> 	 <p>SHAFT SHOWN IN FULL C.C.W. POSITION</p>	<p>300° rotation, Dual unit</p> 

Model	Outline Drawing	Features / Individual Specification																																
<p>RV24A01F-10(S.P.S.T.) RV24A02F-10(S.P.D.T.)</p> 		 <p>SHAFT SHOWN IN FULL C.C.W POSITION</p>  <p>300° rotation, mono unit with Rotary SW S.P.S.T. 125VAC 1A S.P.D.T. 125VAC 1A</p> <p>OFF ON 1 2 3 (SW)</p>																																
<p>RV24A03F-40D2 (Plastic Shaft & Bushing)</p> 		 <p>SHAFT SHOWN IN FULL C.C.W POSITION</p>  <p>300° rotation, mono unit with Rotary SW (SW) S.P.S.T. 125VAC 1A</p>  <p>PCB Mounting Hole Detail</p>																																
<p>TERMINAL LAYOUT RV24A01F, RV24A02F, RV24A03F</p> 																																		
<p>SPECIFICATION (RV24A01F, RV24A02F, RV24A03F)</p> <table border="0"> <thead> <tr> <th colspan="2" data-bbox="289 1923 499 1961">MECHANICAL</th> <th colspan="2" data-bbox="1024 1923 1234 1961">ELECTRICAL</th> </tr> </thead> <tbody> <tr> <td data-bbox="289 1967 667 2006">TOTAL ROTATION ANGLE</td> <td data-bbox="720 1967 835 2006">300°±5°</td> <td data-bbox="1024 2006 1297 2044">RATED WATTAGE</td> <td data-bbox="1518 1967 1917 2006">linear taper (B) other tapers</td> </tr> <tr> <td data-bbox="289 2012 583 2050">ROTATION TORQUE</td> <td data-bbox="720 2012 909 2050">20~200 gf.cm</td> <td data-bbox="1024 2021 1297 2059">RATED VOLTAGE</td> <td data-bbox="1518 2012 1833 2050">0.5W 0.25W</td> </tr> <tr> <td data-bbox="289 2056 667 2095">SHAFT STOP STRENGTH</td> <td data-bbox="720 2056 909 2095">6kgf.cm/Min.</td> <td data-bbox="1024 2065 1297 2104">INSULATION RESISTANCE</td> <td data-bbox="1518 2056 1917 2095">500V 250V</td> </tr> <tr> <td data-bbox="289 2101 688 2139">SWITCH WORKING ANGLE</td> <td data-bbox="720 2101 846 2139">50°±10°</td> <td data-bbox="1024 2110 1423 2148">DIELECTRIC STRENGTH</td> <td data-bbox="1518 2101 1917 2139">more than 100MΩ at 500V DC</td> </tr> <tr> <td data-bbox="289 2145 709 2184">SWITCH WORKING TORQUE</td> <td data-bbox="720 2145 930 2184">800gf.cm Max/</td> <td data-bbox="1024 2154 1381 2193">SWITCH CONTACT RESISTANCE</td> <td data-bbox="1518 2145 1770 2184">500V AC, 1 minute</td> </tr> <tr> <td data-bbox="289 2190 541 2228">SWITCH CIRCUIT</td> <td data-bbox="720 2190 972 2228">S.P.S.T., S.P.D.T.</td> <td data-bbox="1024 2199 1497 2237">SWITCH RATING</td> <td data-bbox="1518 2190 1728 2228">less than 30mΩ</td> </tr> <tr> <td></td> <td></td> <td></td> <td data-bbox="1518 2234 1686 2273">125V AC, 1A</td> </tr> </tbody> </table>			MECHANICAL		ELECTRICAL		TOTAL ROTATION ANGLE	300°±5°	RATED WATTAGE	linear taper (B) other tapers	ROTATION TORQUE	20~200 gf.cm	RATED VOLTAGE	0.5W 0.25W	SHAFT STOP STRENGTH	6kgf.cm/Min.	INSULATION RESISTANCE	500V 250V	SWITCH WORKING ANGLE	50°±10°	DIELECTRIC STRENGTH	more than 100MΩ at 500V DC	SWITCH WORKING TORQUE	800gf.cm Max/	SWITCH CONTACT RESISTANCE	500V AC, 1 minute	SWITCH CIRCUIT	S.P.S.T., S.P.D.T.	SWITCH RATING	less than 30mΩ				125V AC, 1A
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STANDARD SHAFT, BUSHING, NUT AND WASHER DIMENSION

METAL SHAFT



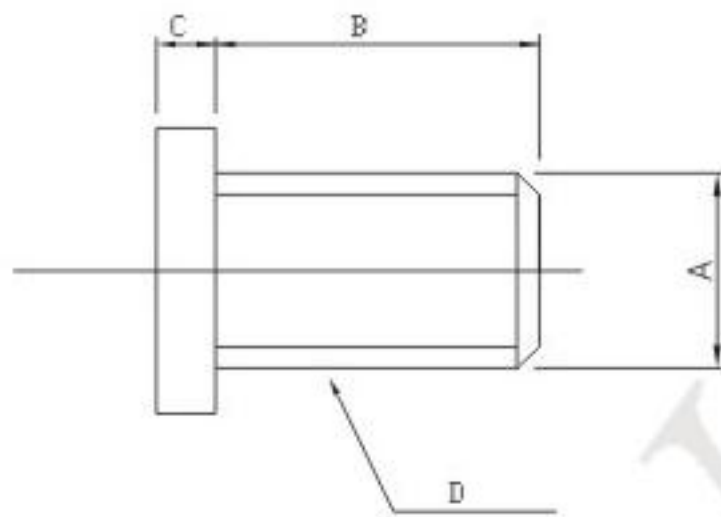
A: 5m/m

SHAFT-TYPE	L	10	15	20	25	30	35	40
K	F1	3.5	6.5	11	14	14	14	14
	T	3.2	6	10	12	12	12	12
	M	0.5	1	2	4	4	4	4
F	F2	4	7	12	14	14	14	14
R, S	L	10	15	20	25	30	35	40

A: 6.5m/m

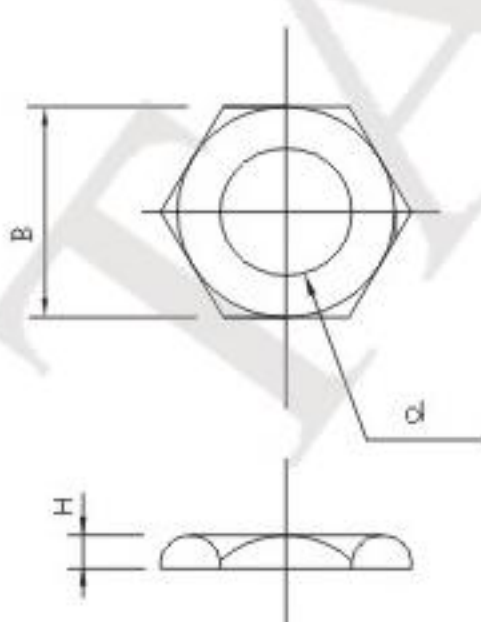
SHAFT-TYPE	L	10	15	20	25	30	35	40
K	F1	2.4	6.5	11	14	14	14	14
	T	2.2	6	10	12	12	12	12
	M	0.5	1	2	4	4	4	4
F	F2	2.5	7	12	14	14	14	14
R, S	L	10	15	20	25	30	35	40

BUSHING

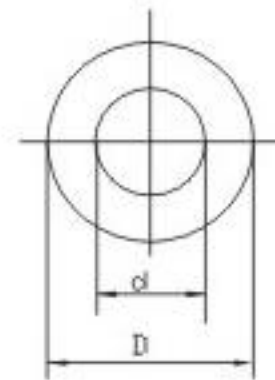


SERIES	RV24A	RV170	RV16A	RV060	RV120	RV122
A	φ8	φ7	φ7	φ9	φ7	7
B	6.5	5	6.5	7	7	7
C	2	1	1.4	0.7	3.3	3.3
D	M8x0.75	M7x0.75	M7x0.75	M9x0.75	M7x0.75	M7x0.75

NUT, WASHER




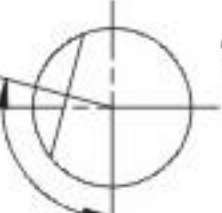
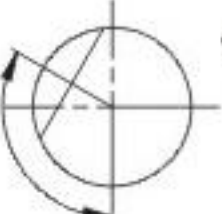
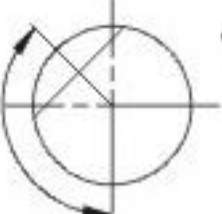
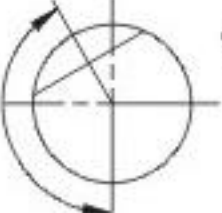
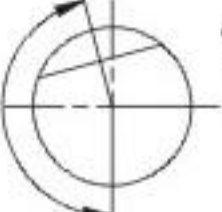
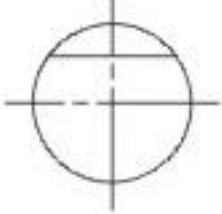
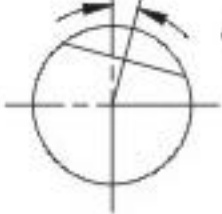
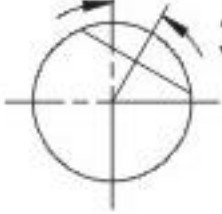



d	B	H
M6x0.75	8	2.0
M7x0.75	10	2.0
M8x0.75	11	2.0
M9x0.75	12	2.0
M10x0.75	14	2.0
3/8"32NEF	12.6	2.2

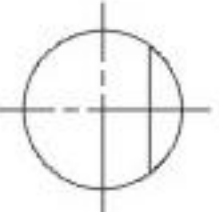





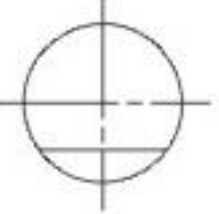


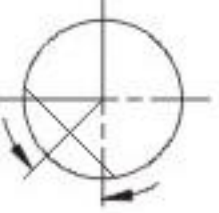

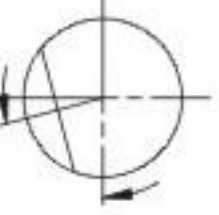


SERIES	d	D	H
M6	φ6.1	φ10	0.4
M7	φ7.1	φ12	0.4
M8	φ8.1	φ14	0.4
M9	φ9.1	φ14	0.4
M10	φ10.2	φ14.8	0.5
3/8"32NEF	φ9.7	φ16	0.4

AXIS ANGLE OF F-TYPE AND A-TYPE SHAFT

Standard Angle (for 300° rotation)

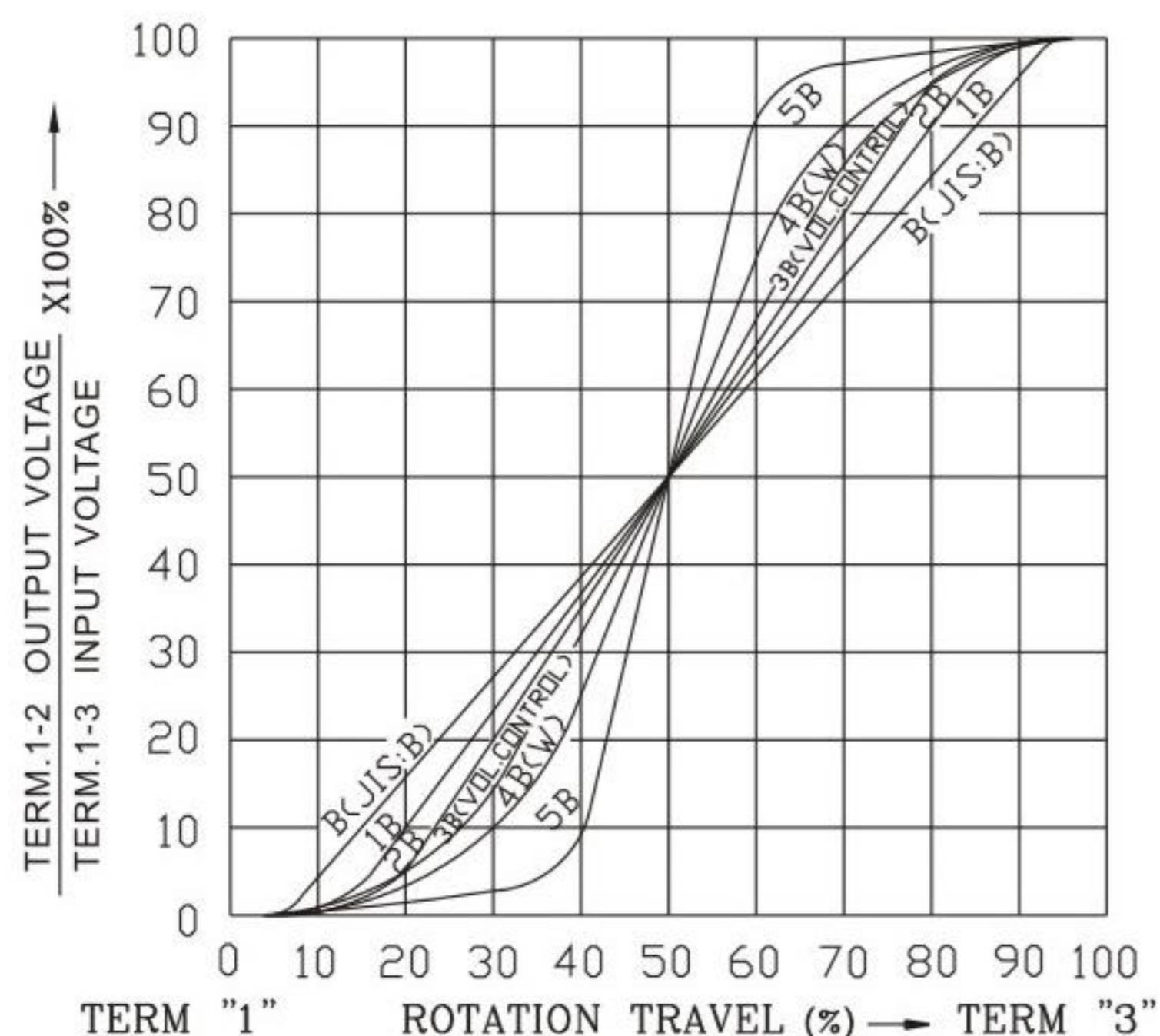
AXIS Angle	Symbol
	F00, (O)
 105°	F01, (A)
 120°	F02, (B)
 135°	F03, (C)
 150°	F04, (D)
 165°	F05, (E)
	F06, (F)
 15°	F07, (G)
 30°	F08, (H)
 45°	F09, (J)
 60°	F10, (K)
 75°	F11, (L)

AXIS Angle	Symbol
	F12, (M)
 105°	F13, (N)
 120°	F14, (P)
 135°	F15, (Q)
 150°	F16, (R)
 165°	F17, (S)
	F18, (T)
 15°	F19, (V)
 30°	F20, (W)
 45°	F21, (X)
 60°	F22, (Y)
 75°	F23, (Z)

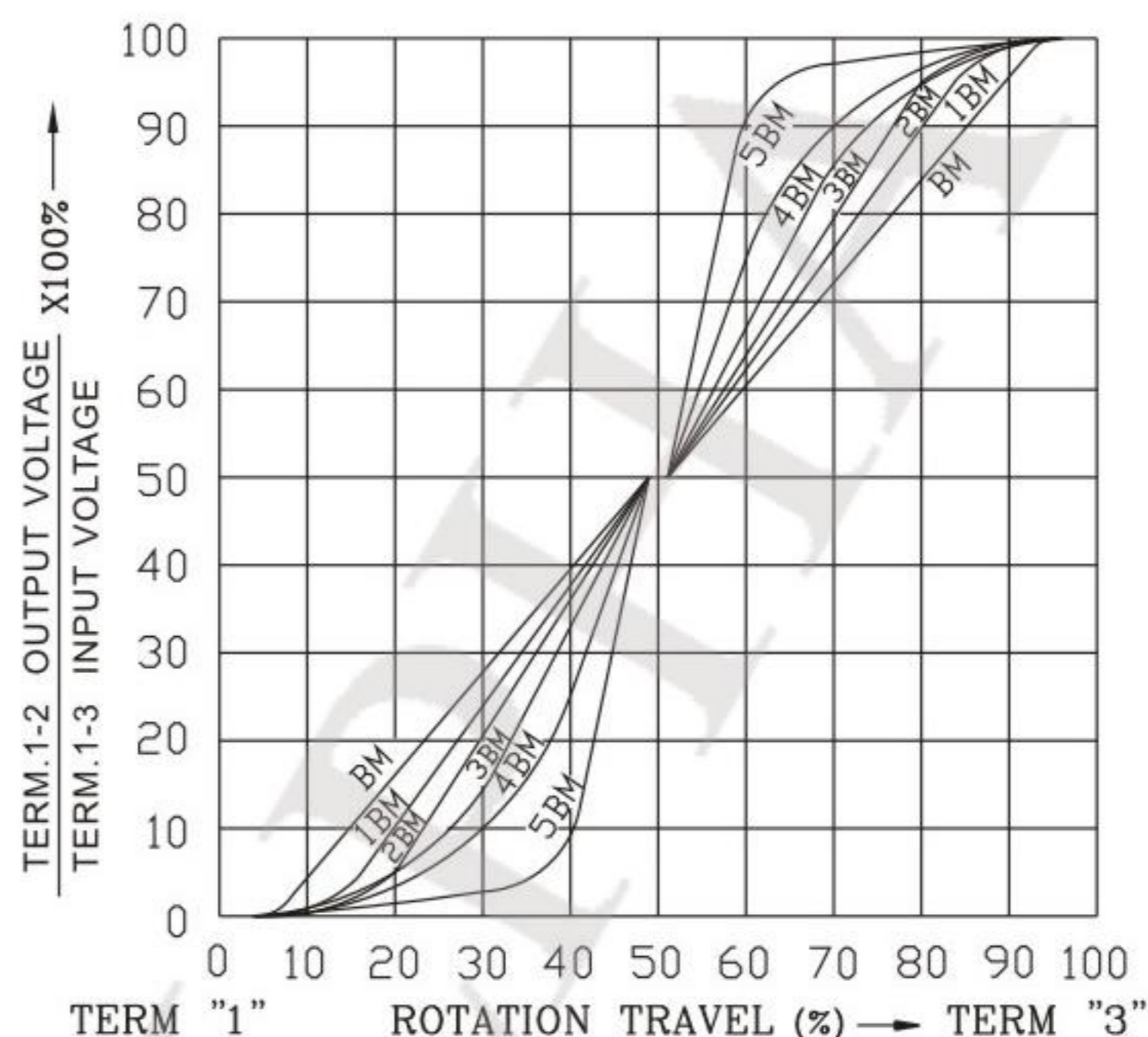
Axis angle is shown in full counter clockwise position

STANDARD RESISTANCE TAPER

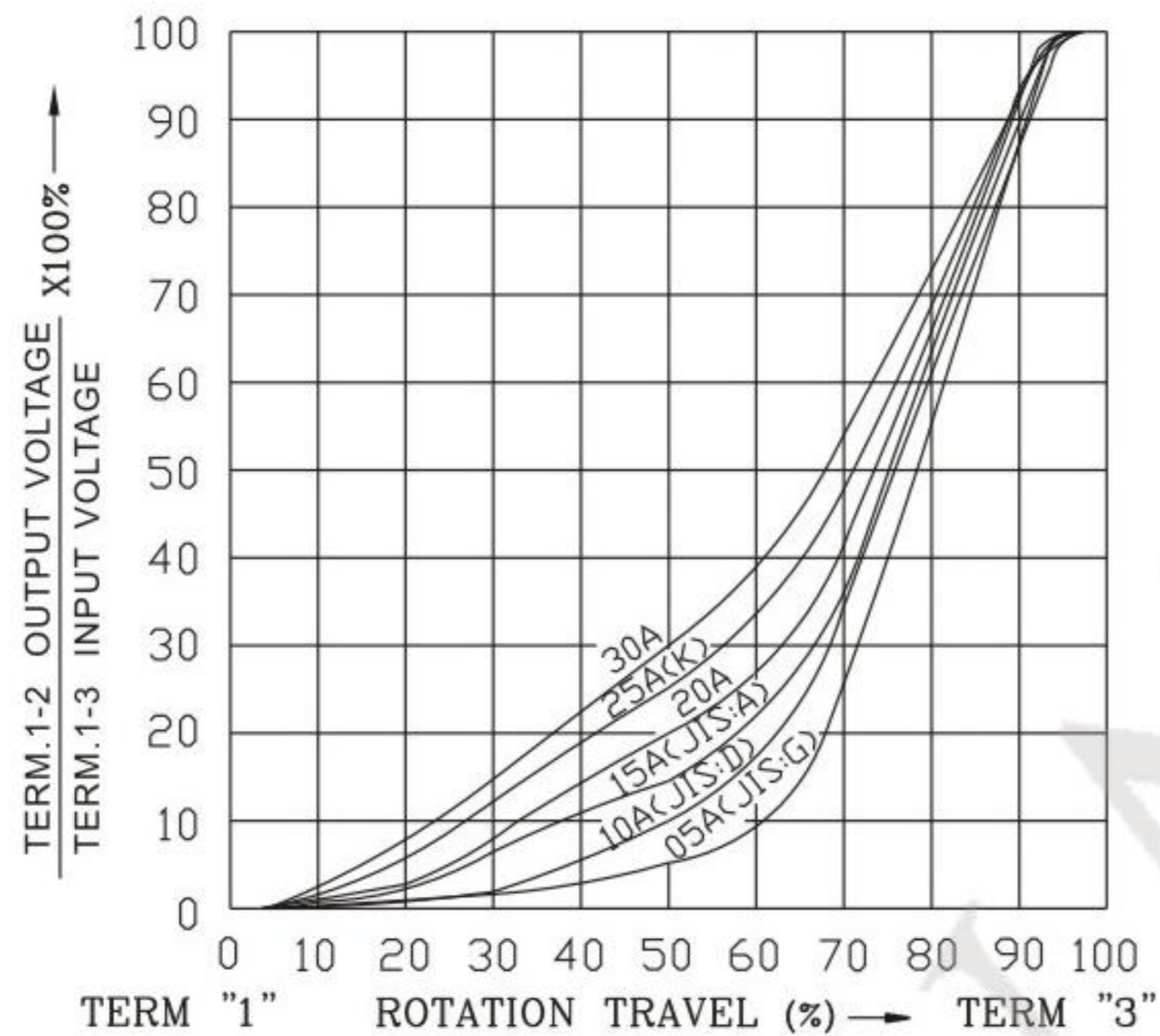
TAPERS B SERIES



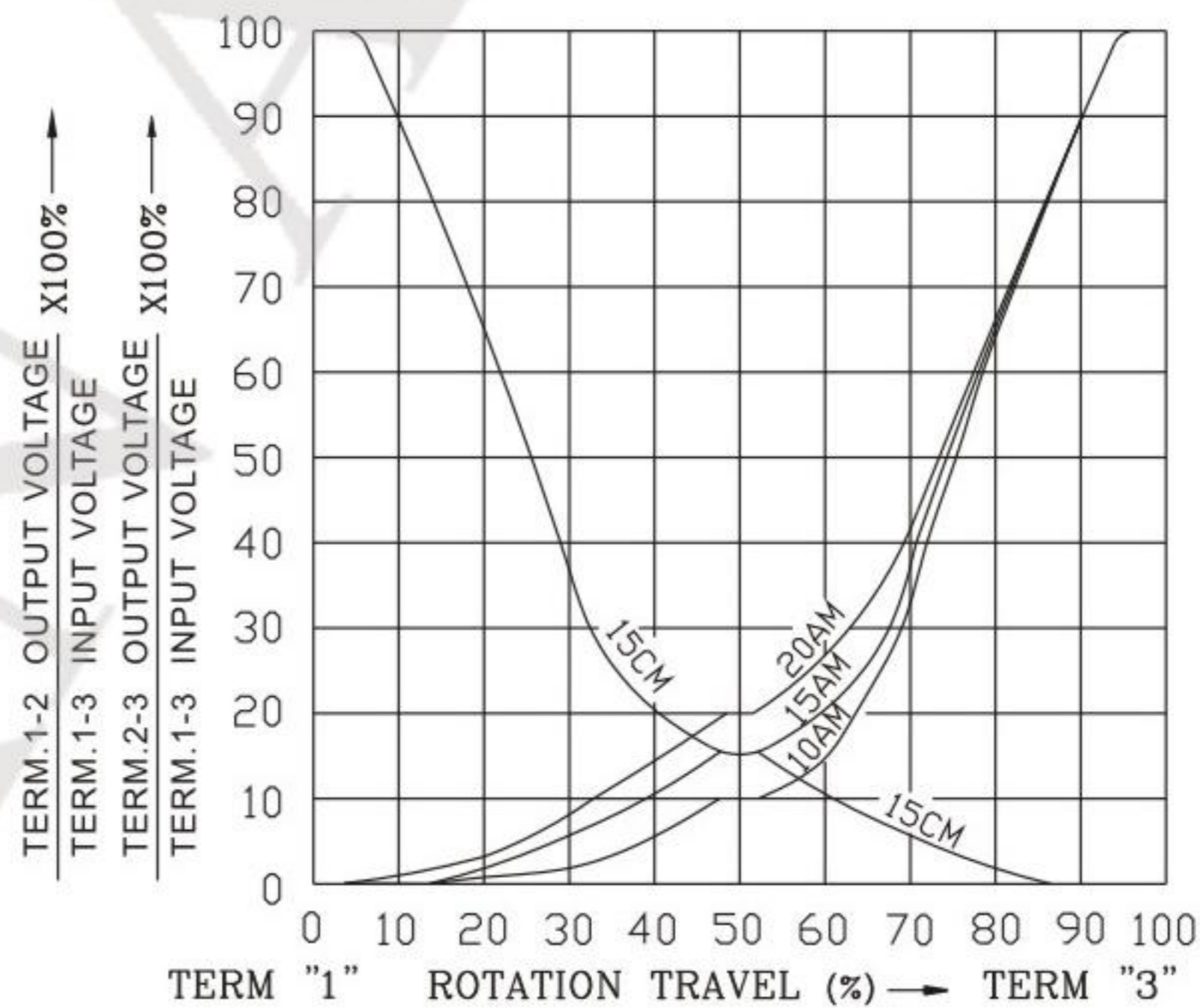
TAPERS B WITH 50% TAP



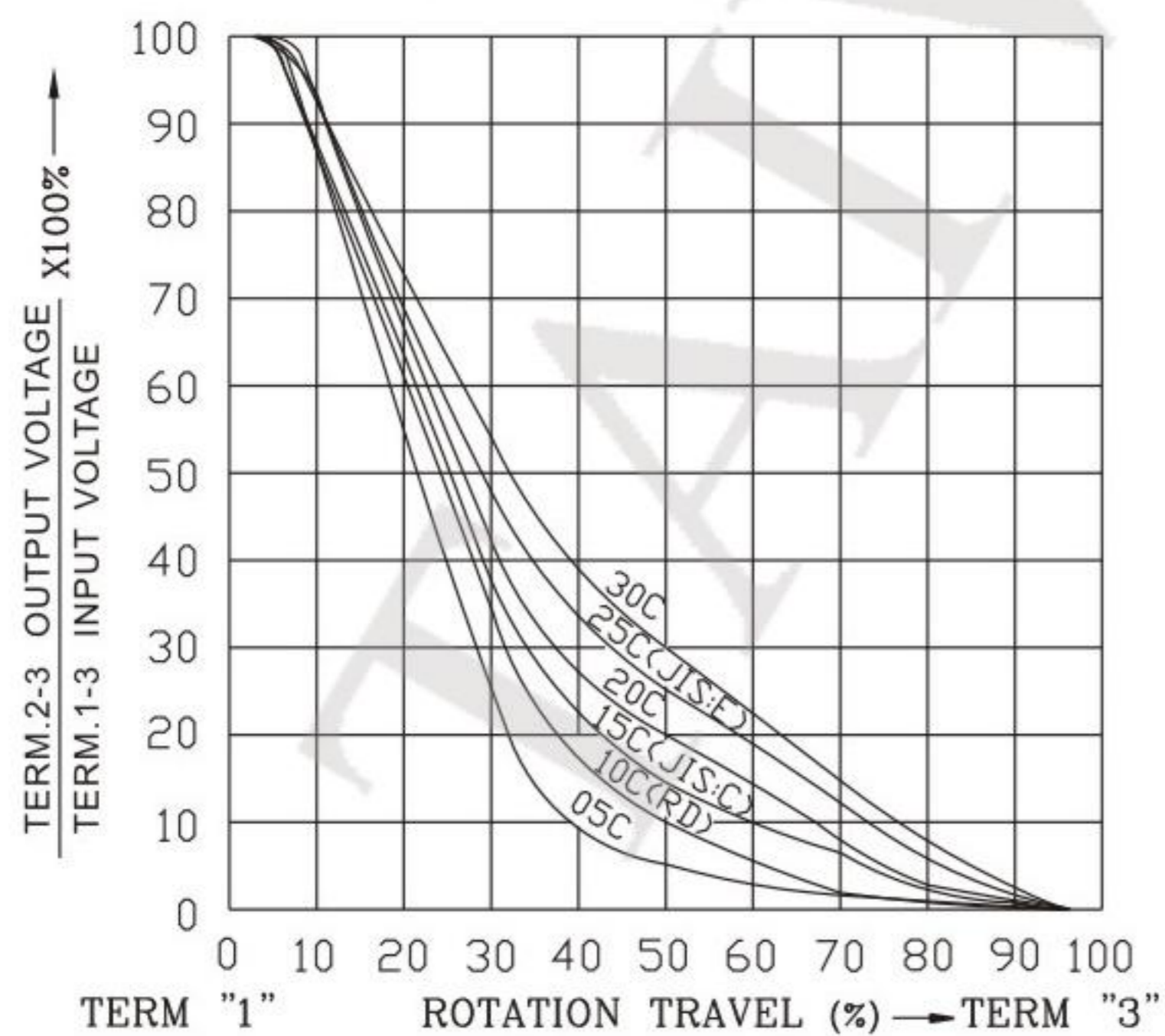
TAPERS A SERIES



TAPERS A & C WITH 50% TAP



TAPERS C SERIES



TAPERS M & N

