

## 17mm Rotary Type, Metal Shaft Series

### Application

- ✓ Audio/video controls , Industrial control , Controls for medical equipment

### Feature

- ✓ Switch option



### ■Specification

Total Rotational Angle	260±5°
Maximum Operating Voltage	B taper 200V A.C ; Other taper 150V A.C
Insulation Resistance	More than 50MΩ at DC 500V
Dielectric Strength	A.C 500V for 1 minute
Rotational Torque	20-200 gf.cm
Click Torque	N/A
Rotational Stop Strength of the Shaft	N/A
Push/Pull Strength of the Shaft	3 kgf.cm for 60 sec
Rotation Life	15,000 cycles
Switch Working Angle	RV170SF: 30°±10°
Switch Working Torque	RV170SF: 70-400 gf.cm
Switch Life	RV170SF: 10,000 cycles

### ■How to order

RV170SF – 24 – 15K – B100K

[Model](#)

[Metal Shaft Type](#)

#### Taper and Resistance Value

Order Code	Taper	Resistance Value
A100K	Log/A	100KΩ
B1M	Linear/B	1MΩ

Taper: A, B

Resistance Value: 1KΩ to 500KΩ and 1MΩ

\*Contact us for other requirements.


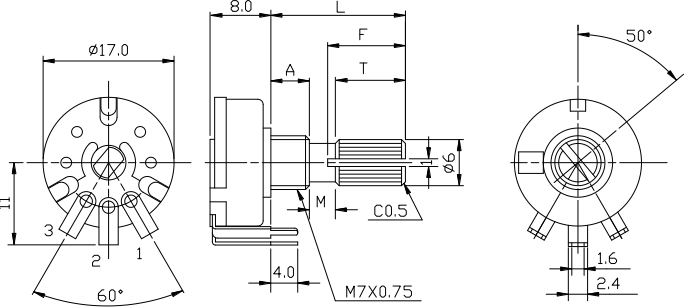
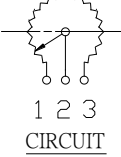


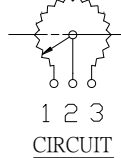

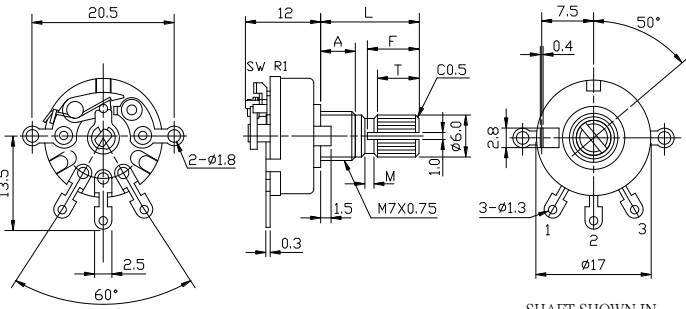
## 17mm Rotary Type, Metal Shaft Series

Model	Number of Unit	Switch Function	Terminal Type	With Sleeve or Bushing	Rotational Angle
<a href="#">RV170F-10</a>	Single unit	N/A	Solder lug	Metal bushing	260°±5°
<a href="#">RV170F-24</a>	Single unit	N/A	Horizontal	Metal bushing	260°±5°
<a href="#">RV170F-30</a>	Single unit	N/A	Vertical (Front)	Metal bushing	260°±5°
<a href="#">RV170F-43</a>	Single unit	N/A	Vertical	Metal bushing	260°±5°
<a href="#">RV170SF-10</a>	Single unit	S.P.S.T Rotary SW	Solder lug	Metal bushing	260°±5°
<a href="#">RV170SF-24</a>	Single unit	S.P.S.T Rotary SW	Horizontal	Metal bushing	260°±5°
<a href="#">RV170SF-30</a>	Single unit	S.P.S.T Rotary SW	Vertical (Front)	Metal bushing	260°±5°
<a href="#">RV170SF-43</a>	Single unit	S.P.S.T Rotary SW	Vertical	Metal bushing	260°±5°

Order Code	Outline Drawing
RV170F-10 	 <p>SHAFT SHOWN IN FULL C.C.W. POSITION</p>
RV170F-24 	 <p>SHAFT SHOWN IN FULL C.C.W. POSITION</p>

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## 17mm Rotary Type, Metal Shaft Series

Order Code	Outline Drawing
<p>RV170F-30</p> 	 <p>SHAFT SHOWN IN FULL C.C.W. POSITION</p>
<p>RV170F-43</p> 	 <p>SHAFT SHOWN IN FULL C.C.W. POSITION</p>
<p>RV170SF-10</p> 	 <p>SHAFT SHOWN IN FULL C.C.W. POSITION</p>
<p>RV170SF-24</p> 	 <p>SHAFT SHOWN IN FULL C.C.W. POSITION</p>

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### ■ Metal Shaft Type

K Type	F Type	R Type																																				
<p>A:5mm</p> 	<p>A:5mm</p> 	<p>A:5mm</p> 																																				
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Design and specifications presented here are for the standard parts only. Please kindly contact us for your special requests and ask for the current technical specifications before purchase and/or use.

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# Mouser Electronics

Authorized Distributor

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## Alpha (Taiwan):

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