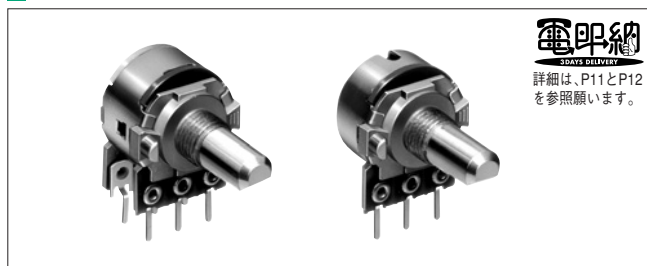


16形金属軸ボリューム

16 mm Size Metal Shaft Potentiometers

汎用性に富んだ製品バラエティで各種コントロールに対応。
Applicable to a variety of products and suitable for various controls.



■ 用途

- 一般民生、車載、産機用などの各種コントロール

■ Applications

- Suitable for various control applications with general consumer electronics products, automotive installation equipment and devices, industrial machines, etc.

■ 主な仕様 Typical Specifications

項目 Item	仕様 Specification
全抵抗値許容差 Total resistance tolerance	±20%
最高使用電圧 Maximum operating voltage	150V AC
全回転角度 Total rotational angle	300±5°
回転トルク Rotational torque	2 to 25 mN・m
動作寿命 Operating life	15,000cycles
使用温度範囲 Operating temperature range	-10 to +70℃

■ 標準製品一覧 (ご推奨製品) Standard Products List (Recommended Products)

抵抗素子数 Number of resistor elements	取付方向 Mounting direction	操作部形状 Shaft types	操作部長さ Length of the shaft (mm)	センタクリック Center detent	全抵抗値 Total resistance (Ω)	抵抗変化特性 Resistance taper	電研納対応製品 Products for Densokunou	製品番号 Products No.	最小梱包単位 (個) Minimum packing unit (pcs.)	図番 Drawing No.
Single-unit	Horizontal type	Flat	15	Without	10k	15A	—	RK1631110T72	100	1
						1B	●	RK1631110TBK		
				With	50k	15A	—	RK1631110T81		
						1B	—	RK1631110T87		
Dual-unit	Horizontal type	Flat	20	Without	10k	—	—	RK16312A0B85		2
					50k	15A	●	RK16312A0B8B		
				With		3B	—	RK16312A0B9L		
					10k	—	—	RK16312101A2		
					50k	1B	—	RK1631210198		
							—			

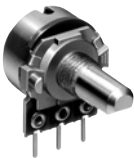
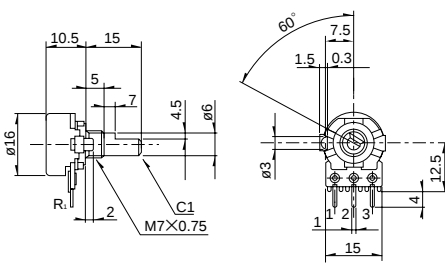
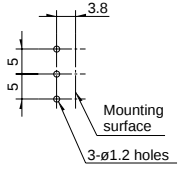
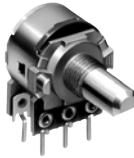
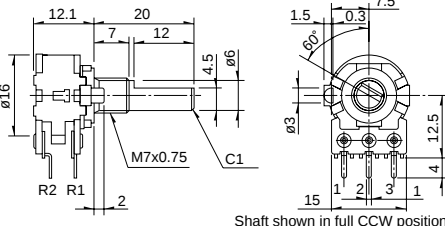
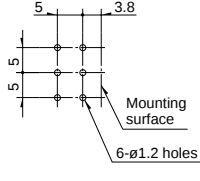
注記 Notes

1. 上記の標準製品以外にも、対応できる製品を取りそろえております。P.37の「製品バラエティ」をご参照ください。詳しくは、当社営業へお問合わせ願います。
2. その他、詳細仕様についてはP.56をご参照ください。
1. More conforming products are available other than the above standard products. See “Products Varieties” on Page 37. For inquiries, contact our Sales Department.
2. For other detailed specification, Please see P.56.

16 mm Size Metal Shaft Potentiometers

■ 外形図 Dimensions

Unit : mm

No.	製品名 Model	形状 Style	プリント基板取付穴寸法図 P.C.Board mounting hole dimensions
1	Single-unit RK16311 		 Mounting hole detail view from mounting side
2	Single-shaft, dual-unit RK1631210 (For tone) RK16312A0 (For volume) 		 Mounting hole detail view from mounting side

16形金属軸ボリューム製品バラエティ

16 mm Size Metal Shaft Potentiometers Products Varieties

標準製品 (ご推奨製品) に加えて、下記仕様にも対応いたします。

In addition to the standard products (recommended products), the following specifications are supported too.

■ 製品仕様と用途 Product specifications and Applications

タイプ Type	製品名 Model	用途 Applications	クリックバラエティ Detent variety
Single-shaft, single-unit	RK16311	General	Center 11 21 31 41
Single-shaft, dual-unit	RK16312	General or Volume control	
Single-shaft, quad.-unit	RK16314		

■ 全抵抗値種類 Total Resistance Variety

全抵抗値[k Ω] Total Resistance[k Ω]	1	5	10	20	50	100
	200	250	500	1000	2000	

■ 抵抗変化特性 Resistance Taper

抵抗変化特性 Resistance Taper	10A	15A	25A	1H
	1B	3B	4B	2H
	10C	15C	25C	

16形金属軸ボリューム製品バラエティ

16 mm Size Metal Shaft Potentiometers Products Varieties

標準製品（ご推奨製品）に加えて、下記仕様にも対応いたします。

In addition to the standard products (recommended products), the following specifications are supported too.

■ 端子の種類 Terminal Style

Unit : mm

リード端子 Lead terminal	プリント端子 Printed terminal

■ 操作部寸法 Dimensions of Shaft

1. 1軸タイプ Single-shaft Type

1) セレクション Knurled Type ※

Unit : mm

Die-casting shaft	<table border="1"> <thead> <tr> <th>L₁</th><th>L_B</th><th>l₁</th></tr> </thead> <tbody> <tr> <td>15</td><td>5</td><td>8</td></tr> <tr> <td>20</td><td>5</td><td>12</td></tr> <tr> <td>25</td><td>7</td><td>12</td></tr> <tr> <td>30</td><td>7</td><td>12</td></tr> <tr> <td>35</td><td>10</td><td>12</td></tr> </tbody> </table>	L ₁	L _B	l ₁	15	5	8	20	5	12	25	7	12	30	7	12	35	10	12	Shaft shown in full CCW position ●セレクション山角度は上図によります。 ●The angle of serration shall be as shown.
L ₁	L _B	l ₁																		
15	5	8																		
20	5	12																		
25	7	12																		
30	7	12																		
35	10	12																		

2) 平形 Flat Type※1

Unit : mm

Technical drawing of a shaft assembly. The shaft has a total length L_1 , a section of length L_B , and a distance of 12 from the end to the start of the L_B section. The shaft diameter is 6. The thread is M7x0.75. The end face is labeled C1.

Technical drawing of a shaft in full CCW position. The shaft is shown at a 60-degree angle. The distance from the center to the end face is 4.5.

Shaft shown in
full CCW position

L_1	L_B
25	7
30	7
35	10

3) 溝軸 Slotted Type

Unit : mm

Shaft shown in
full CCW position

L_1	L_B
10	7
15	7
20	7
25	7
30	7

注記
Note

※ 16形1軸単連、2連はダイカスト軸が標準です。1軸3連以上はアルミ軸となります。

※ 16mm size single-shaft, single-unit and dual-unit potentiometers have a die-cast shaft as a standard, those over single-shaft, triple-unit have an aluminium shaft.