

# RAA-60 SERIES (1)



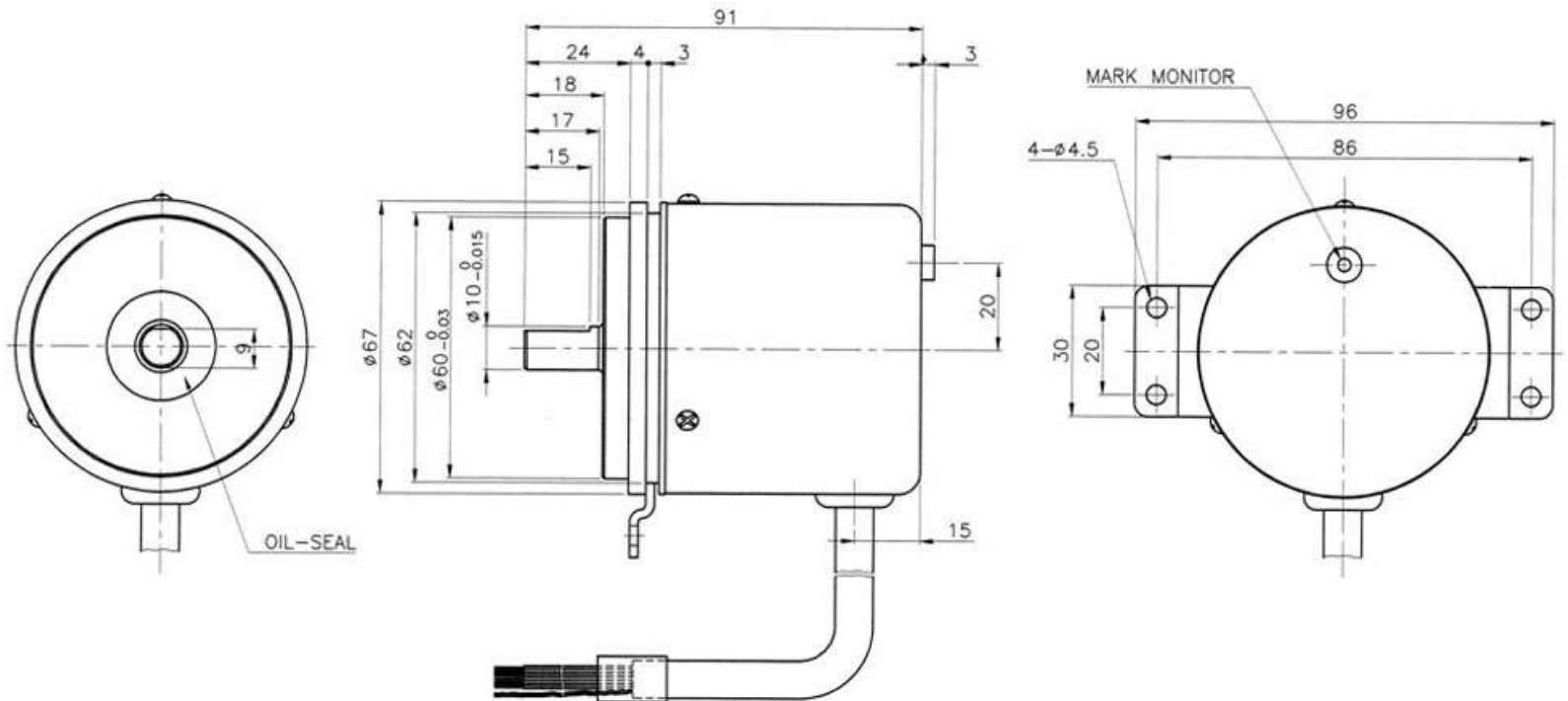
## • Feature

Specially divided  
B.C.D Code/Binary Code

## • Application

CNC Machine (Tool changer)

## Out Dimensions



## Specification

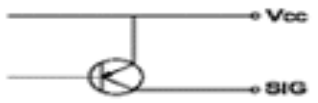
### Electrical Spec.

<b>Resolution</b>	<b>8/10/12/16 P/R</b>	
<b>Supply Voltage</b>	<b>DC+24V</b>	
<b>Current Consumption</b>	<b>PNP</b>	<b>90 mA MAX</b>
	<b>NPN</b>	<b>80 mA MAX</b>
<b>Max. Response Frequency</b>	<b>20 kHz MAX</b>	
<b>Rising/Falling Time</b>	<b>PNP</b>	<b>3 <math>\mu</math>S</b>
	<b>NPN</b>	<b>3 <math>\mu</math>S</b>

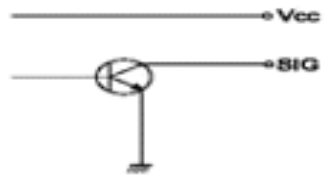
## Mechanical Spec.

<b>Maximum Rotating Speed</b>	<b>5,000 rpm</b>	
<b>Starting Torque</b>	<b>200gf•cm MAX at 25 °C</b>	
<b>Moment of Inertia</b>	<b>30gf•cm<sup>2</sup> Max</b>	
<b>Allowable Shaft Load</b>	<b>Radial</b>	<b>5kg Max</b>
	<b>Axial</b>	<b>5kg Max</b>
<b>Vibration Resistance</b>	<b>10 ~ 55Hz / 1.5mm</b>	
<b>Shock Resistance</b>	<b>50G, 11msec</b>	
<b>Operation Temp. Range</b>	<b>-10 °C ~ +60 °C</b>	
<b>Storage Temp. Range</b>	<b>-20 °C ~ +80 °C</b>	
<b>Protection</b>	<b>IP64</b>	

출력 회로

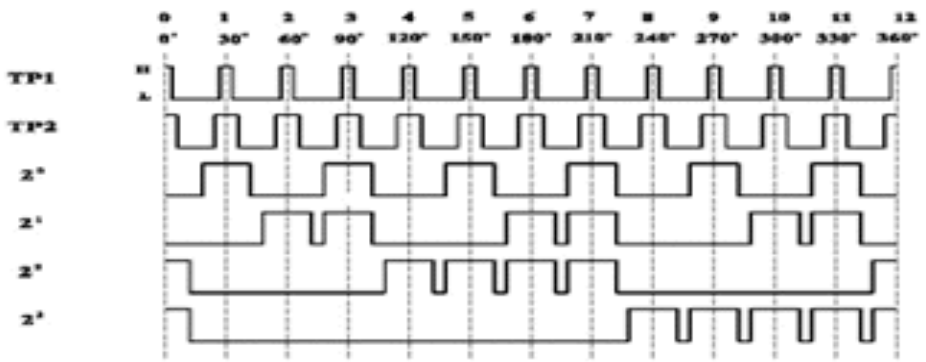


PNP Open-Collector

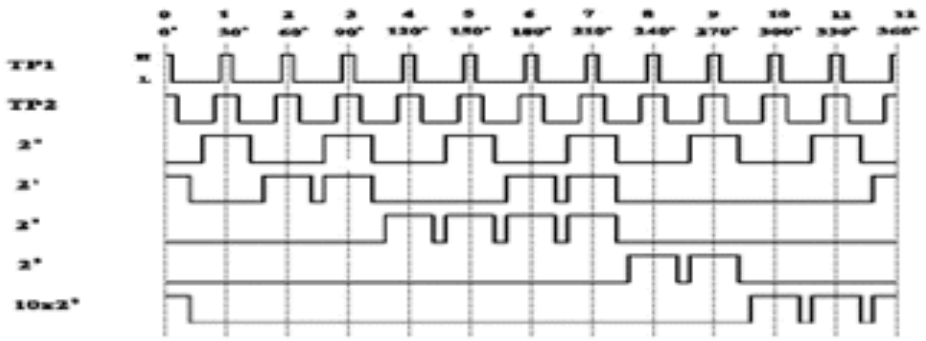


NPN Open-Collector

출력 코드



BINARY CODE



BCD CODE