



# HBI

## Hollow Type Encoder



### Electrical

Detection System	Incremental
Power Source	DC 8~24V
Current Consumption	100 mA or below
Response Frequency	30 KHz
Output Voltag	VoH: Vcc – 0.7V, VoL: 0.5V
Output Phase	A, B
Output Wave Form	
Output Mode	Push Pull

### Connection

Red	Black	White
+	-	A
Green	Shield	
B		

### Application

- For Elevator Use

### Feature

- For Elevator Use
- Big Size
- Easy Mounting

### Resolution

600, 1024 P/R

### Mechanical Spec.

Shaft Diameter	Φ30mm
Starting Torque	6 Ncm
Shaft Loading	Radial: 200N Axial: 100 N
Max. R.P.M.	3000
Net Weight	1010g

### Environmental Spec.

Operating Temp.	-10 ~ +70°C
Storage Temp.	-20 ~ +80°C
Operating Humidity	RH 85% max non-collecting
Shock	490 m/s <sup>2</sup> , 3Dx2 times
Vibration	0.6mm, 10~55KHz, 3Dx30min.
Protection	IP 54



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### Ordering Information

**H B I** -     -    **P**  -  **0 0 2**

Resolution	
600	600 P/R
1024	1024 P/R

Output Phase	
X : A	
Y : AB	

Wiring Entry	
R : Radial	

Shaft Diameter	
30 : 30mm	
35 : 35mm	
40 : 40mm	

Output Mode	
P : push pull	

Power Source	
T : TTL5V	
H : High voltage 8~24V	

Cable Length	
002 : 20CM	

### Mechanical Drawing

