

# HB-DJ828 series

## Leading linear actuator for solar energy

### Features:

- 24 V DC permanent magnetic motor
- Force 10 kN (10.000 cycles) – 15 kN (2000 cycles)
- Static holding force up to 45 kN\* in push and pull
- Dynamic wind stress forces 15 kN push/pull 80.000 times
- Speed 1.4、 2、 3 mm/sec.
- Max.stroke length 1200 mm
- Heavy-duty aluminum housing for harsh conditions
- Highly efficient acme thread spindle
- Protection class: IP66 for outdoor use (dynamic)
- Integrated brake, high self-locking ability
- Typically endplay from outertube to ball rod eye is 0.25 to 0.5 mm, expected extra play after 10 years + 0.4 mm
- Non-rotating piston rod eye
- Embedded electronics and feedback, e.g. HALL pulses
- Ball rod eye
- Noise level: 56 dB (A) measuring method DS/EN ISO 8746 actuator not locked
- Design for 25 years service life

### Options:

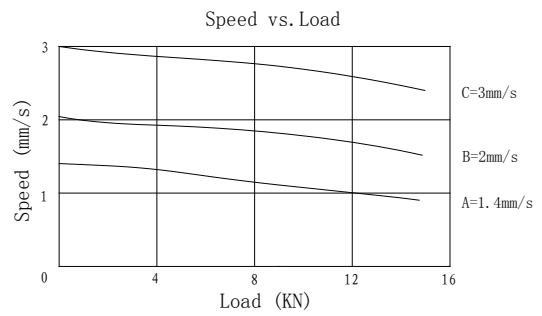
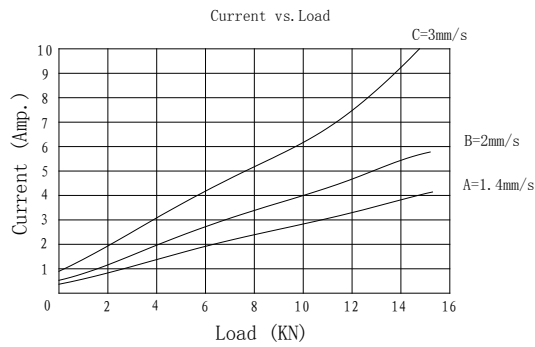
- Built-in end stop switches
- Hall effect sensor with A/B –signal
- Exchangeable cables in different lengths

### Usage:

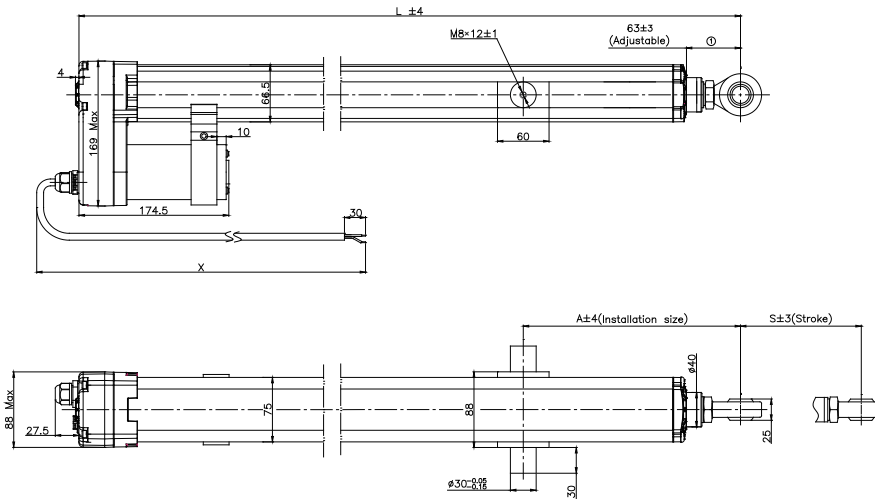
- Duty cycle at max. load 12% at -30°C to +70°C
- Ambient operating temperature and full 15 kN performance from -30°C to +70°C



# Table 1.0 Transmission parameters of the code



# Table 2.0 Installation dimension



# Specification

	HBA28	X	X	X	X	X	X
<b>Item</b>							
HB-DJ828 selection number: HBA28							
<b>Voltage</b>							
1-24V DC							
2-Customized							
<b>Transmission parameters of the code</b>							
Table 1.0 (A, B, C)							
<b>Stroke</b>							
Table 2.0 Please put the exact stroke(S) value							
<b>Minimum Retracted length</b>							
Table 2.0 Please put the exact dimensions(A) value							
<b>Cable length</b>							
A-1M							
B-2M							
C-Customized							
<b>Output signal</b>							
0-no							
1-Hall							

Version	Date	Alter
A	01.03.2018	

