

Specification



- Low Noise ≤ 45db
- Aluminum Shaft
- Worm Gear
- CE Certified

Model		DJ801
Input Voltage	(V DC)	12 or 24
Stroke Length	(mm)	50 to 600
Load Capacity	(N)	Max 6,000
Travel Speed	(mm/s)	4.7 to 28
Limit Switch		Integrated
Duty Cycle		10% (2 min continuous moving)
IP Rating		IP43
Operating Temp.	(°C)	5 to 40
Cable Length	(mm)	500
Signal Feedback		Hall Sensor (optional)

1. Load/ Stroke/ Speed

Code	Dynamic Load (N)	Gear Ratio	Speed (mm/s) ±10%		Current (amp)				Max. Stroke (mm)
			Free Load	Full Load	12v		24v		
					Free Load	Full Load	Free Load	Full Load	
A	6,000	40:1	4.7	3.2	0.6	7.0	0.4	3.6	200
B	4,000	40:1	5.8	4.3	0.6	6.0	0.6	3.0	400
C	3,000	40:1	8.8	6.5	0.7	7.0	0.6	3.0	500
D	2,000	20:1	11.7	8.1	0.8	7.0	0.6	3.2	600
E	1,500	20:1	17.5	11.7	0.7	7.0	0.5	3.1	600
F	800	20:1	28	19.2	0.9	8.0	0.9	3.2	600

* The above data are typically made with a stable power supply and an ambient temperature.

2. Overall Dimension

S (mm)	L (mm)	Formula
50	225	L= S+ 175 mm
100	275	
150	325	
200	375	
250	425	
300	475	
350	525	L= S+ 200 mm
400	575	
450	650	
500	700	
550	750	
600	800	

L: Min Mounting Length
S: Stroke Length

Optional Parts

1 Hall Sensor Feedback

Code	Resolution (pulse/mm)	Remark
A	10.00	a. 4 pairs of poles b. Two pulse waves with 90° ±20° difference.
B	8.00	
C	5.33	
D	4.00	
E	2.67	
F	1.67	

Ordering Key :

Mode	DJ801	-	Stroke	-	Voltage	-	Code	-	Sensor
Ex.	DJ801	-	500	-	24	-	F	-	H*

EX. Specification

1. max. Dynamic Load 800N
2. Speed 28.0 mm/s (Free load)/ 19.2 mm/s (Full load)
3. Hall Sensor Feedback *Blank- No option