

Specification



Model		DJ808
Input Voltage	(V DC)	12 or 24
Stroke Length	(mm)	50 to 600
Load Capacity	(N)	Max 7,000
Travel Speed	(mm/s)	5.5 to 35
Limit Switch		Integrated
Duty Cycle		25% (4 min continuous moving)
IP Rating		IP65
Operating Temp.	(°C)	-40 to 65
Cable Length	(mm)	400
Signal Feedback		Potentiometer or Hall Sensor

1. Load/ Stroke/ Speed

Code	Gear Ratio	Dynamic Load (N)	Speed (mm/s) ±10%		Current (amp)				Max. Stroke w/o Sensor (mm)	Max. Stroke w/ Hall Sensor (mm)	Max. Stroke w/ Potentiometer (mm)
			Free Load	Full Load	12v		24v				
					Free Load	Full Load	Free Load	Full Load			
A	40:1	7,000	5.5	4.0	3.0	18.0	1.5	9.0	300	300	300
B	40:1	7,000	8.5	7.0	3.0	18.0	1.5	9.0	300	300	300
C	20:1	5,000	11.0	9.5	3.5	17.0	2.0	9.0	400	400	380
D	20:1	4,000	17.0	14.0	3.5	17.0	2.0	9.0	500	500	500
E	10:1	3,000	22.0	18.0	3.5	17.0	2.5	8.0	400	400	380
F	10:1	2,000	35.0	28.5	3.5	17.0	2.5	8.0	600	600	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	300	L= S+ 250 mm
100	350	
150	400	
200	450	
250	500	
300	550	
350	600	L= S+ 300 mm
400	650	
450	750	
500	800	
550	850	
600	900	

S: Stroke Length
L: Min Mounting Length

Optional Parts

1 Hall Sensor Feedback

Code	Resolution (pulse/mm)	Remark
A	52.16	a. 4 pairs of poles b. Two pulse waves with 90° ± 20° difference.
B	33.07	
C	25.24	
D	16.00	
E	12.22	
F	7.75	

2 Potentiometer Feedback

Code	Resolution (kΩ/mm)	Max Stroke (mm)	Remark
A	0.013	300	a. Start with 0.5±0.1kΩ b. Resistance value may vary with stroke length within 0.5-10 kΩ.
B	0.016	300	
C	0.013	380	
D	0.016	500	
E	0.013	380	
F	0.016	600	

Ordering Key :

Mode	DJ808	-	Stroke	-	Voltage	-	Code	-	Sensor
Ex.	DJ808	-	300	-	12	-	F	-	P*

EX. Specification

1. max. Dynamic Load 2000N
2. Speed 35.0 mm/sec (Free load)/ 28.5 mm/sec (Full load)
3. P-Potentiometer/ *Blank- without feedback sensor/ H-Hall Sensor