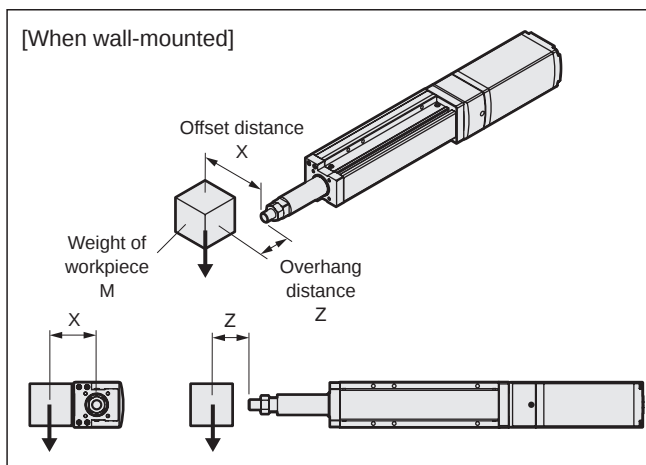
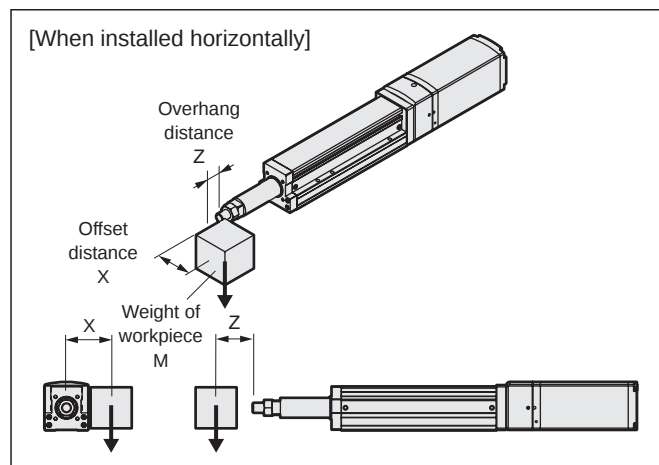
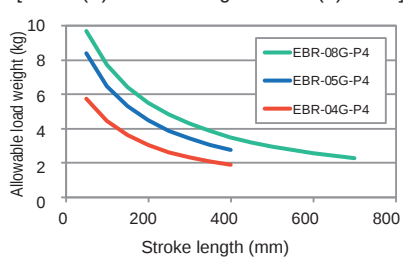


Allowable load weight * Reference value

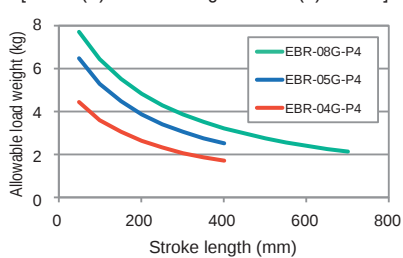
[When installed horizontally or wall-mounted]



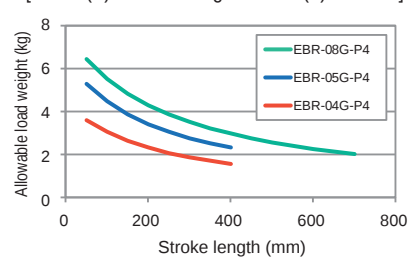
[Offset (X) 0 / Overhang distance (Z) 0 mm]



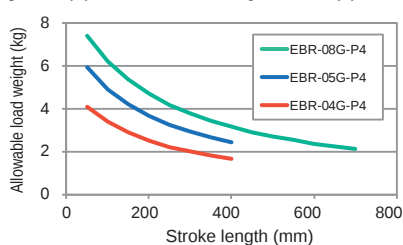
[Offset (X) 0 / Overhang distance (Z) 50 mm]



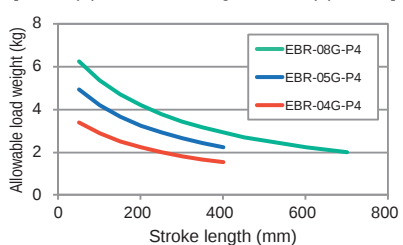
[Offset (X) 0 / Overhang distance (Z) 100 mm]



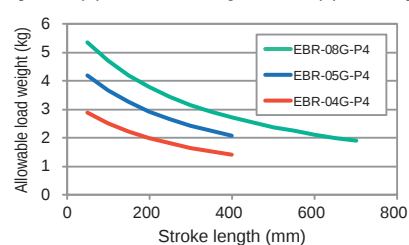
[Offset (X) 100 mm / Overhang distance (Z) 0 mm]



[Offset (X) 100 / Overhang distance (Z) 50mm]



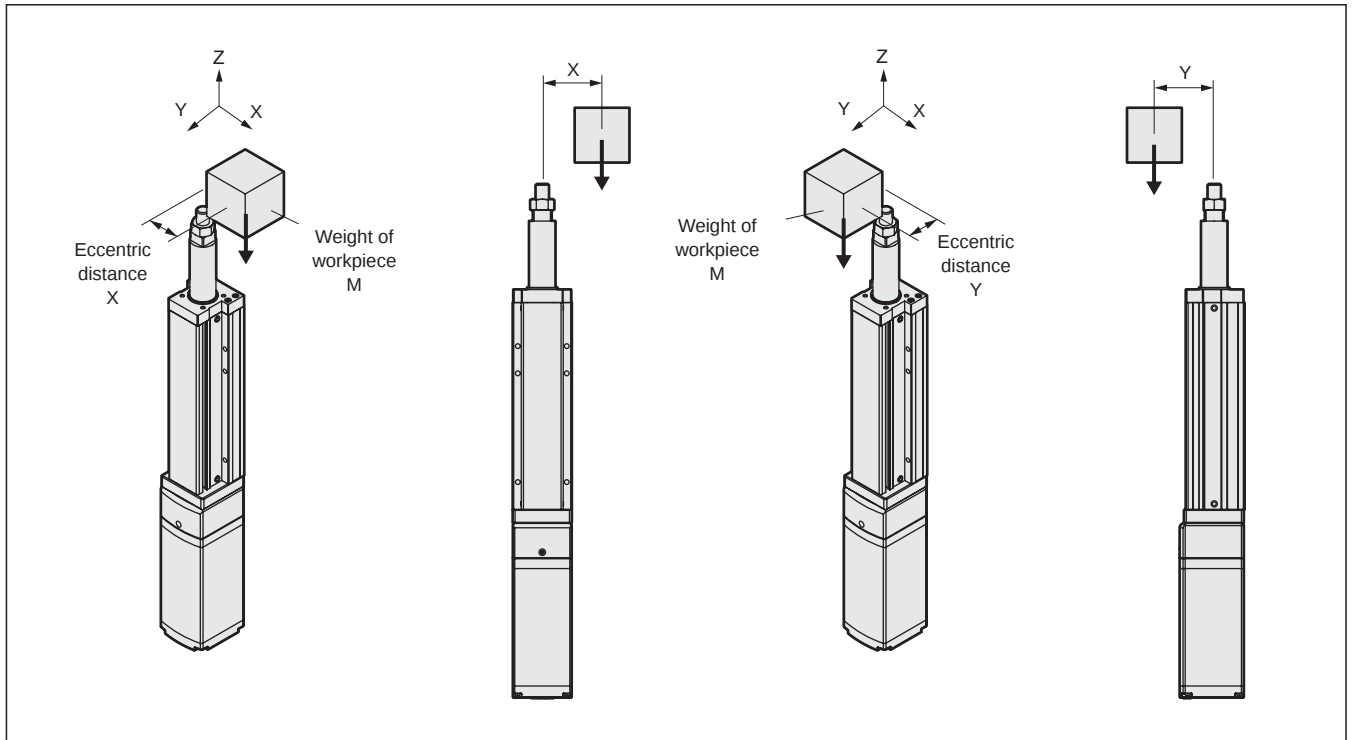
[Offset (X) 100 / Overhang distance (Z) 100mm]



* Values are when the actuator operating life is 5,000km. (Acceleration/Deceleration 0.3 G, speed 300 mm/s)

Allowable load weight * Reference value

[When installed vertically]

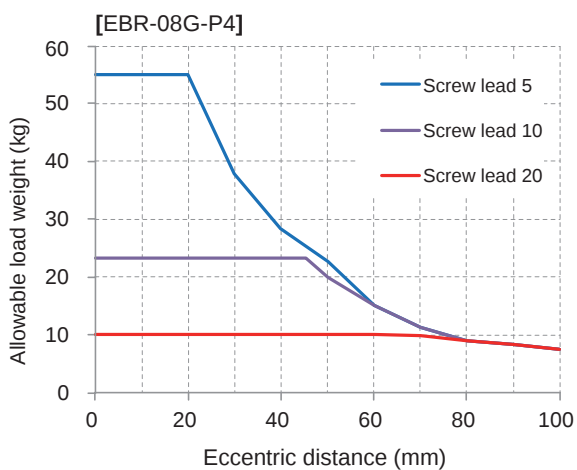
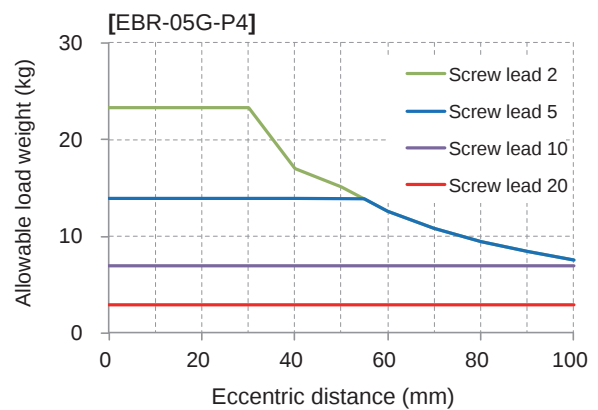
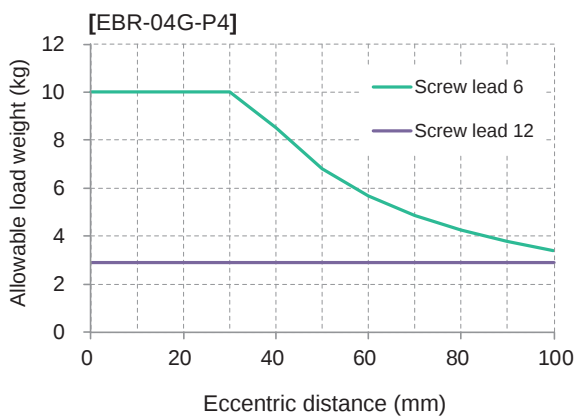


EBR-P4
(With motor)

EBR-P4
(With motor)

ECG-A
(Controller)

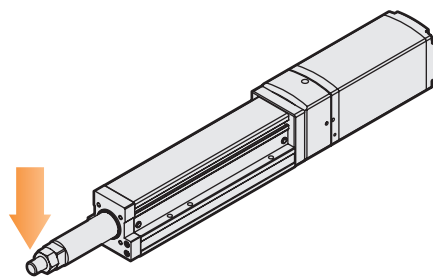
Safety
precautions



* Acceleration/Deceleration 0.3G

EBR-G-P4 Series

Rod end runout *Reference value



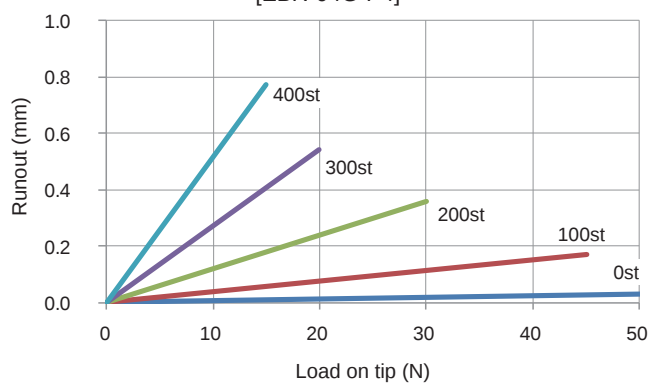
EBS-P4
(With motor)

EBR-P4
(With motor)

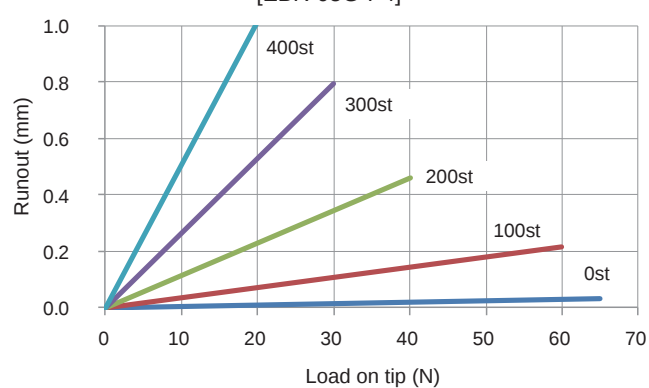
ECG-A
(Controller)

Safety
precautions

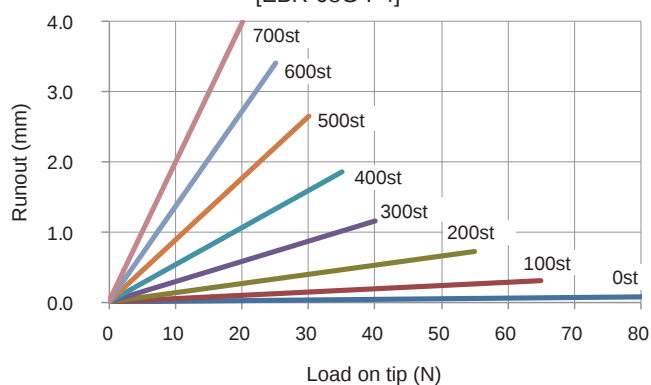
[EBR-04G-P4]



[EBR-05G-P4]



[EBR-08G-P4]



Notes

EBS-P4
(With motor)

EBR-P4
(With motor)

ECC-A
(Controller)

Safety
precautions

EBR-G-P4 Series

Table of Load Capacity by Speed and Acceleration/Deceleration

[When installed horizontally]

The table below lists the maximum load capacity during acceleration/deceleration and the maximum speed at which operation is possible. Refer to the model that satisfies the required operation conditions.

■ EBR-04G-P4

Screw lead 6

(kg)

	Straight		Left/Right/Bottom	
Speed (mm/s)	Acceleration/Deceleration (G)			
	0.3	0.7	0.3	0.7
7	40	40	40	35
50	40	40	40	35
100	33.3	25.8	33.3	25.8
150	23.3	17.5	23.3	17.5
160	20.6	15.7	20.6	15.7

Screw lead 12

	Straight		Left/Right/Bottom	
Speed (mm/s)	Acceleration/Deceleration (G)			
	0.3	0.7	0.3	0.7
15	12.5	6.7	12.5	6.7
100	12.5	6.7	12.5	6.7
200	10	6.7	7.5	5
280	6	3.3	5.5	3.0
300	5	2.5		
320	3.7	2.0		

■ EBR-05G-P4

Screw lead 2

		Straight		Left/Right/Bottom	
		Acceleration/Deceleration (G)			
Speed (mm/s)		0.3	0.7	0.3	0.7
2		80	80	80	80
25		80	80	80	80
50		80	80	80	80
70		80	80	80	80

Screw lead 5

		Straight		Left/Right/Bottom	
		Acceleration/Deceleration (G)			
Speed (mm/s)	0.3	0.7	0.3	0.7	
6	60	60	60	60	
50	60	60	60	60	
100	60	53.3	60	43.3	
150	43.3	35	43.3	26.7	
200	35	20	35	18.3	
240	17.6	10.6			

Screw lead 10

	Straight		Left/Right/Bottom	
Speed (mm/s)	Acceleration/Deceleration (G)			
	0.3	0.7	0.3	0.7
12	41.7	20	38.3	20
100	41.7	20	38.3	20
200	35	20	30	14.2
300	20	8.3	12.5	6.7
320	16	7	8.5	4.3
350	10	5		
400	10	5		

Screw lead 20

	Straight		Left/Right/Bottom	
Speed (mm/s)	Acceleration/Deceleration (G)			
	0.3	0.7	0.3	0.7
25	11.7	11.7	11.7	5.8
100	8.3	8.3	8.3	5.8
300	7.5	5.8	7.5	5.8
480	7.5	3.6	6.8	3.6
500	7.5	3.3		
560	6.0	2.3		

■ EBR-08G-P4

Screw lead 5

	Straight		Left/Right/Bottom	
Speed (mm/s)	Acceleration/Deceleration (G)			
	0.3	0.7	0.3	0.7
6	80	80	80	80
25	80	80	80	80
50	80	80	80	80
75	80	80	80	80
100	80	51.7	51.7	43.3

Screw lead 10

Speed (mm/s)	Straight		Left/Right/Bottom	
	Acceleration/Deceleration (G)			
	0.3	0.7	0.3	0.7
12	70	70	70	70
50	70	70	70	70
100	51.7	35	51.7	35
150	51.7	26.7	51.7	26.7
200	35	26.7	31.7	18.3
240	28.4	8		

Screw lead 20

Straight		Left/Right/Bottom		
Speed (mm/s)	Acceleration/Deceleration (G)			
	0.3	0.7	0.3	0.7
25	35	26.7	35	21.7
100	35	26.7	35	21.7
200	35	18.3	33.3	18.3
300	20	10	16.7	9.2
320	18	8.3	15.2	7.7
400	10	1.7		

Table of Load Capacity by Speed and Acceleration/Deceleration

[When installed vertically]

EBR-04G-P4

Screw lead 6

Speed (mm/s)	Straight	Left/Right/Bottom
	Acceleration/Deceleration (G)	
	0.3	0.3
7	10	8.3
50	10	8.3
100	10	6.7
140	5.4	4.7
150	4.2	
175	2.5	
180	2.5	

Screw lead 12

Speed (mm/s)	Straight	Left/Right/Bottom
	Acceleration/Deceleration (G)	
	0.3	0.3
15	2.9	2.9
100	2.9	2.9
200	2.9	2.9
240	1.9	

The table below lists the maximum load capacity during acceleration/ deceleration and the maximum speed at which operation is possible. Refer to the model that satisfies the required operation conditions.

EBR-05G-P4

Screw lead 2

Speed (mm/s)	Straight	Left/Right/Bottom
	Acceleration/Deceleration (G)	
	0.3	0.3
2	23.3	23.3
20	23.3	23.3
25	23.3	23.3
40	23.3	23.3
50	23.3	16.7
60	21.7	15
70	15.8	9.2

Screw lead 5

Speed (mm/s)	Straight	Left/Right/Bottom
	Acceleration/Deceleration (G)	
	0.3	0.3
6	14	14
50	14	14
100	12.5	10
150	7.5	5.8
160	6.8	5.1
200	4.2	

Screw lead 10

Speed (mm/s)	Straight	Left/Right/Bottom
	Acceleration/Deceleration (G)	
	0.3	0.3
12	7	6.7
100	7	6.7
200	5.8	5
240	2.5	

Screw lead 20

Speed (mm/s)	Straight	Left/Right/Bottom
	Acceleration/Deceleration (G)	
	0.3	0.3
25	2.9	1.7
100	2.9	1.7
300	2.9	1.7
320	2.7	1.6
400	1.7	

EBR-08G-P4

Screw lead 5

Speed (mm/s)	Straight	Left/Right/Bottom
	Acceleration/Deceleration (G)	
	0.3	0.3
6	55	55
25	55	55
50	35	35
75	21.7	21.7
100	3.3	3.3

Screw lead 10

Speed (mm/s)	Straight	Left/Right/Bottom
	Acceleration/Deceleration (G)	
	0.3	0.3
12	23.3	20
50	23.3	20
100	8.3	8.3
150	1.7	1.7
180	1.5	1.5
200	1.3	

Screw lead 20

Speed (mm/s)	Straight	Left/Right/Bottom
	Acceleration/Deceleration (G)	
	0.3	0.3
25	10	8.3
100	10	8.3
200	6.7	6.7
240	4.7	4.7