

MBA

Slides - Linear - Clean Room



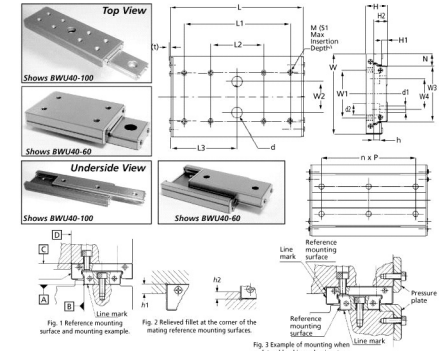
Stainless Steel throughout (similar to 440C).

Speed: 0.5 m/sec (30 m/min).

Temperature: +100°C (Continuous), +140°C (Maximum). Life will be less than normal at +100°C and dimensions may change.

Lateral Loading: Dynamic x 1.13 C - Static x 1.19 Co.

Precision Linear Slide Unit is a compact linear motion rolling guide for limited stroke length.



Bolt size	Tightening torque N·m
M2 x 0.5	1.1
M2 x 0.7	2.5

Model Number	Shoulder Height on Table		Shoulder Height on Bed		Recommended shoulder height of the mating reference mounting surface
	H1	H2	H1	H2	
BWU8	1.2	0.8	3.0	2.0	reference mounting surface
BWU12	1.5	0.8	3.0	2.5	
BWU17	2.5	1.5	4.0	2.5	
BWU20	2.5	1.5	4.0	2.5	

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Part Number	Width (W) mm <i>inches</i>	Height (H) mm <i>inches</i>	Length (L) mm <i>inches</i>	Hole Ctrs (W1 / W2 / L1 / L2) mm <i>inches</i>	Holes Thr x S1 (Nr.)	Max Stroke Length mm <i>inches</i>	Screw Size / Max Depth mm <i>inches</i>	Track Width/Height (W3 / H2) mm <i>inches</i>	Basic Static Load Rating Co N	Allowable Load F N
# BWU8-20	8.00 <i>0.315</i>	4.00 <i>0.157</i>	20.00 <i>0.787</i>	- / - / 10 / - <i>inches</i>	M2 x 0.8 (4)	12 <i>0.472</i>	0.8 <i>0.031</i>	3 / 2.6 <i>inches</i>	306	102
# BWU8-30	8.00 <i>0.315</i>	4.00 <i>0.157</i>	30.00 <i>1.181</i>	- / - / 21 / 10 <i>inches</i>	M2 x 0.8 (4)	17 <i>0.669</i>	0.8 <i>0.031</i>	3 / 2.6 <i>inches</i>	550	183
# BWU12-30	12.00 <i>0.472</i>	4.50 <i>0.177</i>	30.00 <i>1.181</i>	- / - / 15 / - <i>inches</i>	M2 x 1.1 (4)	17 <i>0.669</i>	1.1 <i>0.043</i>	6 / 2.8 <i>inches</i>	550	183

Indicates item not stocked at time of printing - Please enquire for lead time
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Part Number	Width (W) mm <i>inches</i>	Height (H) mm <i>inches</i>	Length (L) mm <i>inches</i>	Hole Ctrs (W1 / W2 / L1 / L2) mm <i>inches</i>	Holes Thr x S1 (Nr.)	Max Stroke Length mm <i>inches</i>	Screw Size / Max Depth mm <i>inches</i>	Track Width/Height (W3 / H2) mm <i>inches</i>	Basic Static Load Rating Co N	Allowable Load F N
# BWU12-45	12.00 <i>0.472</i>	4.50 <i>0.177</i>	45.00 <i>1.772</i>	- / - / 31 / 15	M2 x 1.1 (4)	26 <i>1.024</i>	1.1 <i>0.043</i>	6 / 2.8	856	285
# BWU17-30	17.00 <i>0.669</i>	8.00 <i>0.315</i>	30.00 <i>1.181</i>	- / - / 20 / -	M2 x 3.0 (4)	17 <i>0.669</i>	3.0 <i>0.118</i>	7 / 5	963	321
# BWU17-45	17.00 <i>0.669</i>	8.00 <i>0.315</i>	45.00 <i>1.772</i>	- / - / 30 / -	M2 x 3.0 (4)	16 <i>0.630</i>	3.0 <i>0.118</i>	7 / 5	1510	504
# BWU25-45	25.00 <i>0.984</i>	9.00 <i>0.354</i>	45.00 <i>1.772</i>	10 / - / 25 / -	M3 x 3.0 (4)	26 <i>1.024</i>	3.0 <i>0.118</i>	14 / 5.2	1510	504
# BWU25-60	25.00 <i>0.984</i>	9.00 <i>0.354</i>	60.00 <i>2.362</i>	10 / - / 25 / -	M3 x 3.0 (4)	36 <i>1.417</i>	3.0 <i>0.118</i>	14 / 5.2	2060	688
# BWU25-75	25.00 <i>0.984</i>	9.00 <i>0.354</i>	75.00 <i>2.953</i>	10 / - / 25 / 25	M3 x 3.0 (8)	46 <i>1.811</i>	3.0 <i>0.118</i>	14 / 5.2	2610	871
# BWU30-45	30.00 <i>1.181</i>	12.00 <i>0.472</i>	45.00 <i>1.772</i>	14 / - / 25 / -	M3 x 3.5 (4)	28 <i>1.102</i>	3.5 <i>0.138</i>	18 / 7.5	2200	734
# BWU30-60	30.00 <i>1.181</i>	12.00 <i>0.472</i>	60.00 <i>2.362</i>	14 / - / 25 / -	M3 x 3.5 (4)	34 <i>1.339</i>	3.5 <i>0.138</i>	18 / 7.5	3180	1060
# BWU30-75	30.00 <i>1.181</i>	12.00 <i>0.472</i>	75.00 <i>2.953</i>	14 / - / 55 / 25	M3 x 3.5 (8)	46 <i>1.811</i>	3.5 <i>0.138</i>	18 / 7.5	3910	1300
# BWU40-60	40.00 <i>1.575</i>	14.00 <i>0.551</i>	60.00 <i>2.362</i>	20 / - / 40 / -	M4 x 4.5 (4)	46 <i>1.811</i>	4.5 <i>0.177</i>	24 / 8.5	3440	1150

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# BWU40-80	40.00 <i>1.575</i>	14.00 <i>0.551</i>	80.00 <i>3.150</i>	20 / - / 40 / - <i>inches</i>	M4 x 4.5 (4)	62 <i>2.441</i>	4.5 <i>0.177</i>	24 / 8.5	4970	1660
# BWU40-100	40.00 <i>1.575</i>	14.00 <i>0.551</i>	100.00 <i>3.937</i>	20 / - / 80 / 40	M4 x 4.5 (8)	38 <i>1.496</i>	4.5 <i>0.177</i>	24 / 8.5	6110	2040
# BWU60-60	60.00 <i>2.362</i>	16.00 <i>0.630</i>	60.00 <i>2.362</i>	36 / - / 40 / -	M4 x 5.0 (4)	54 <i>2.126</i>	5.0 <i>0.197</i>	42 / 10	4930	1640
# BWU60-80	60.00 <i>2.362</i>	16.00 <i>0.630</i>	80.00 <i>3.150</i>	36 / - / 40 / -	M4 x 5.0 (4)	66 <i>2.598</i>	5.0 <i>0.197</i>	42 / 10	6780	2260
# BWU60-100	60.00 <i>2.362</i>	16.00 <i>0.630</i>	100.00 <i>3.937</i>	36 / 23 / 80 / 40	M4 x 5.0 (8)	32 <i>1.260</i>	5.0 <i>0.197</i>	42 / 10	8630	2880
# BWU60-120	60.00 <i>2.362</i>	16.00 <i>0.630</i>	120.00 <i>4.724</i>	36 / 23 / 80 / 40	M4 x 5.0 (8)	44 <i>1.732</i>	5.0 <i>0.197</i>	42 / 10	10500	3490

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