



MBS Spring balancer

Main Feature:

- Capacity range is 1kg-140kg.
- Cable travel: A longer cable is available upon request
- Safe suspension with freely rotating and swivelling MBS-type spring hook
- Housing of very impact-resistant and abrasion-resistant plastic
- Housing cover of painted sheet steel
- Cable drum of high-strength, abrasion-resistant plastic
- High-strength special suspension spring
- High-strength steel cable
- Infinitely adjustable cable stop buffer
- Cable wedge allows infinite adjustment of cable length
- MBS-type spring hook for load suspension
- Simplified load setting



Technical Parameters

Model	Balance load (kg)	Rope stroke (m)	Cable diameter (mm)
MBS-0	0.5-1.5	1.0	3.0
MBS-3	1-3	1.5	3.0
MBS-5	3-5	1.5	3.0
MBS-9	5-9	1.5	4.2
MBS-15	9-15	1.5	4.2
MBS-22	15-22	1.5	5.1
MBS-30	22-30	1.5	5.1
MBS-40	30-40	1.5	5.1
MBS-50	40-50	1.5	5.1
MBS-60	50-60	1.5	5.1
MBS-70	60-70	1.5	5.1
MBS-80	70-80	1.5	5.1
MBS-120	100-120	1.5	5.1
MBS-140	120-140	1.5	5.1
MBS-160	140-160	1.5	5.1
MBS-180	160-180	1.5	5.1
MBS-200	180-200	1.5	5.1

Model	Balance load (kg)	Rope stroke (m)	Cable diameter (mm)
MBSF-90	70-90	2.0	5.1
MBSF-105	80-105	2.0	5.1
MBSF-120	100-120	2.0	5.1
MBSF-140	120-140	2.0	5.1



MBE AI Electric Balancer

Main Feature:

- Infinitely Variable Speeds.
- Lifting and lowering with speed and precision
- Balancing Mode: Up and down freely
- Photoelectric Sensor Prevents Accidental Touch
- Refuse to overload safety without rebound
- Power failure protection for you to worry-free
- Handle 360° rotating assembly
- LCD Display Function
- Photoelectric induction



Sliding Handle



Neugart Planetary Reducer



Kollmorgen Servo Drive



Kollmorgen Servo Motor

Technical Parameters

Model	MBE80	MBE150	MBE300	MBE600
Maximum lifting weight (load and tool)	80kg	150kg	300kg	600kg
Maximum lifting speed with no-load	60(M/min)	30(M/min)	15(M/min)	7.5(M/min)
Maximum lifting speed with full load	40(M/min)	24(M/min)	13(M/min)	6.5(M/min)
Maximum lifting speed in a floating mode	30(M/min)	20(M/min)	11(M/min)	5.5(M/min)
Maximum lifting range	3.5(M)	3.5(M)	3.5(M)	1.75(M)
Standards rise stroke	2.5 (M)	2.5(M)	2.5(M)	1.25 (M)

Model	MBE
Max main power supply voltage (VAC)	220+/-10% (maximum)
Max current (A)	10
Load cycle level	H5
Operating temperature range	-10-50°C
Operating humidity range (non condensing)	35-90%
Motor power	1.3KW

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