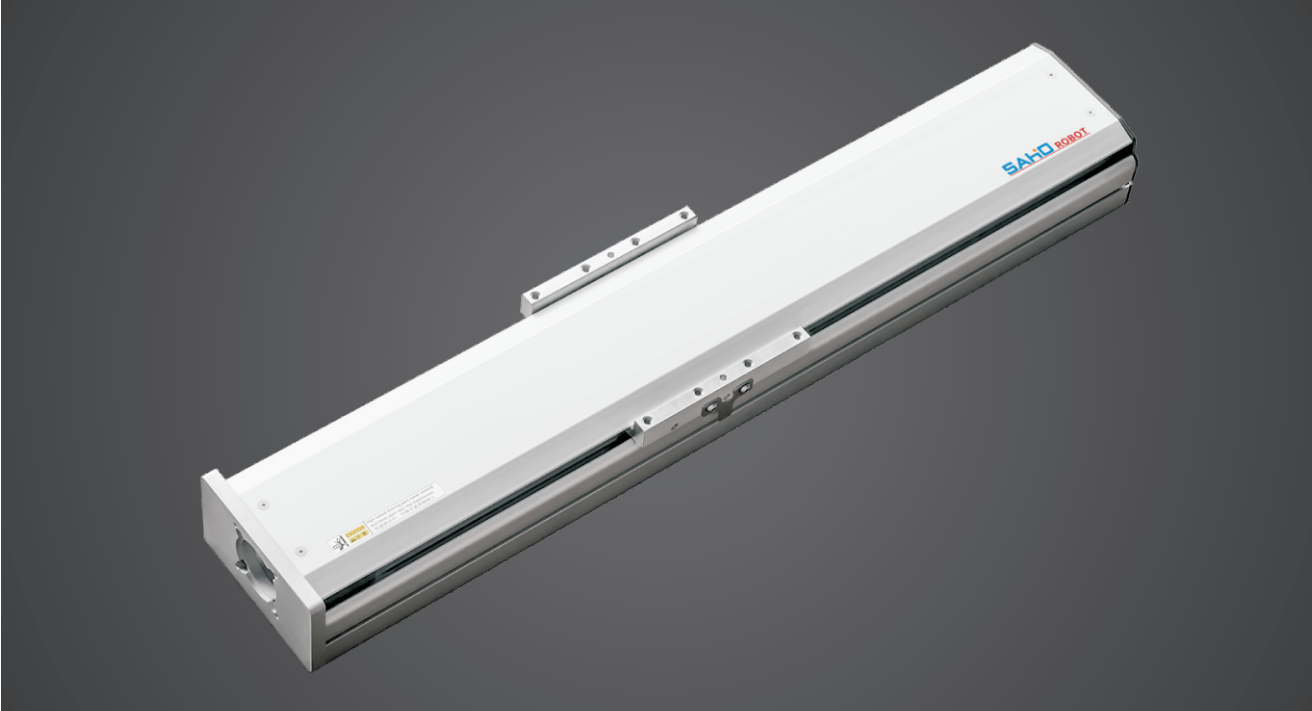


SDM136 Series

▶ General Environments / Ball Screw Drive Type



Max. Stroke 1300mm

Max. Speed 1000mm/s

Motor Capacity 750W

Ball Screw Ø20mm

LinearGuideRail 15*12.5-2 PCS

Model Number Designation System

SDM136 - P05- S100-M - C7 - 400W -BJ

Model

Stroke

Lead

Motor Position

Ball Screw Grade

Home Sensor Fixing Location

Slide Block Length

P05	05mm
P10	10mm
P20	20mm

M	Internally mounted & direct coupling
BC	Externally mounted & direct coupling
BM	Motor on lower side
BR	Motor on right side
BL	Motor on left side

C7	C7
C5	C5

1	400W
2	750W
H	Stepper motor

BJ	Standard slide block
DJ	Customized slide block



General Environments / Ball Screw Drive Type

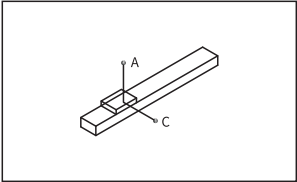
Product Catalog

Basic Specifications

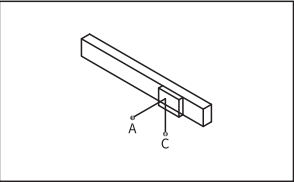
Performance	Position Repetition Precision		±0.01/±0.02			
	Ball Screw Lead		5	10	20	-
	Max. Speed		250	500	1000	-
	Max. Handling Weight	Horizontal Use	85	70	35	-
		Horizontal Use	30	25	20	-
	Standard Stroke			100~1300mm/50 pitch		
Components	AC Servo Motor Capacity		750			
	Ball Screw Outer Diameter		C7 Ø20			
	High-rigidity Linear Guide		15×12.5			
	Coupling		LK5-C39-1910WP			
	Home Sensor	External-mounted	FC-SPX307Z(NPN)			
LU674-5NA(NPN)						

Allowable Load Moment Table

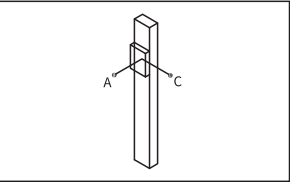
Horizontal Operation



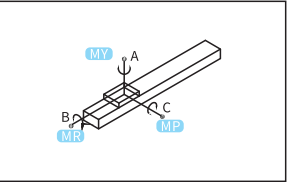
(Unit: mm)



(Unit: mm)



(Unit: mm)



Horizontal Operation (Unit: N.m)

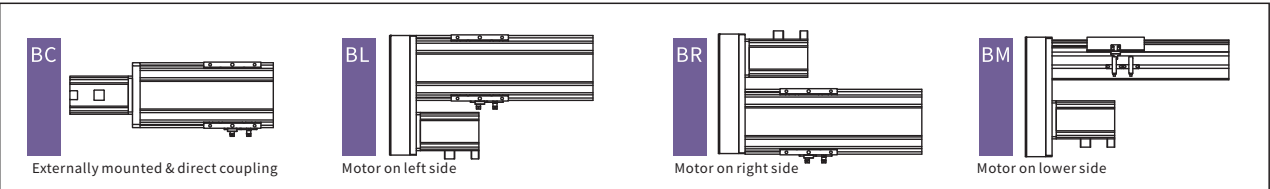
Horizontal Mounting		A	C
Lead 5	50kg	700	350
	70kg	600	300
	85kg	500	250
Lead 10	30kg	700	350
	50kg	600	300
	70kg	500	250
Lead 20	20kg	700	350
	30kg	600	300
	40kg	500	250

Side Mounting		A	C
Lead 5	20kg	350	1200
	30kg	250	1000
	60kg	150	800
Lead 10	10kg	350	1200
	20kg	250	1000
	40kg	150	800
Lead 20	10kg	300	1000
	20kg	200	800
	30kg	100	600

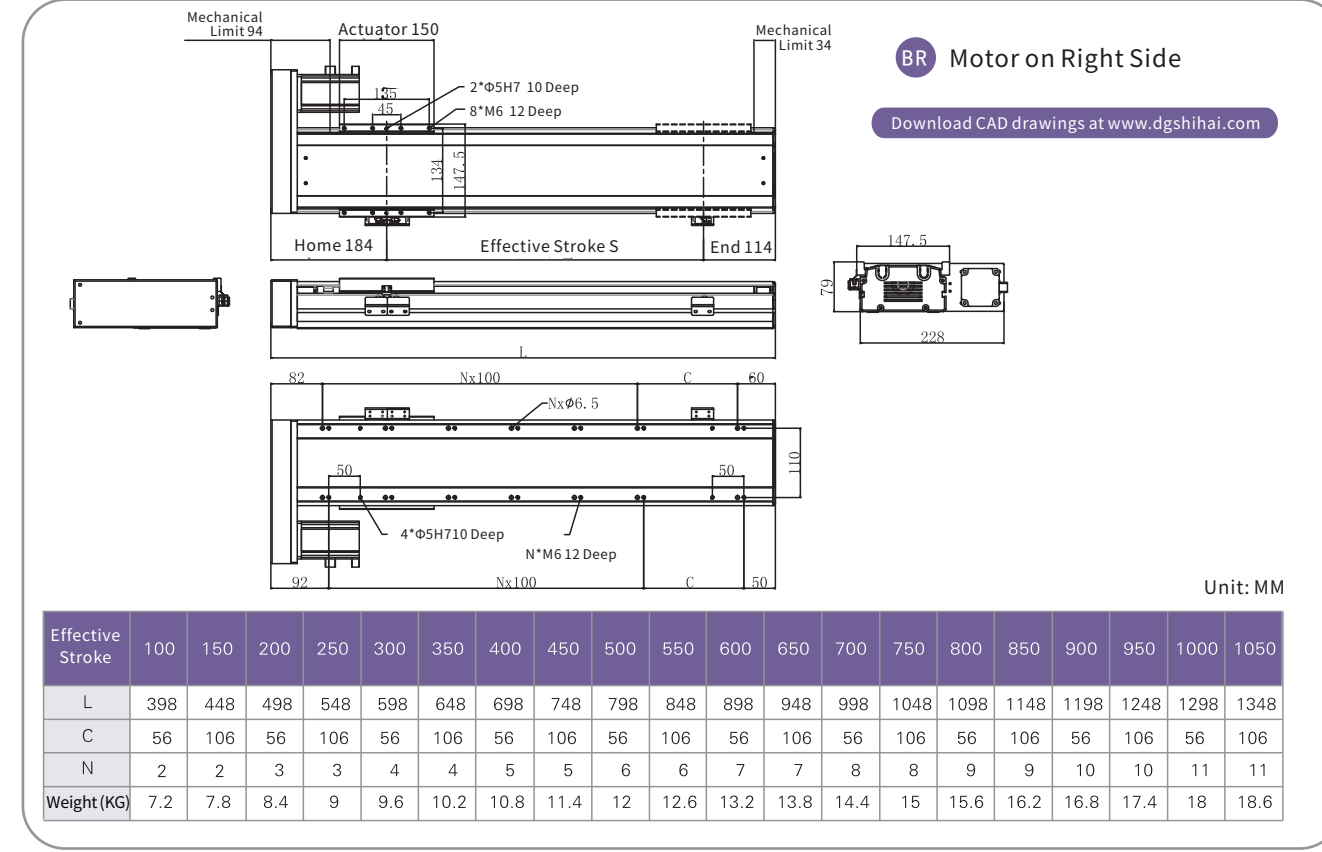
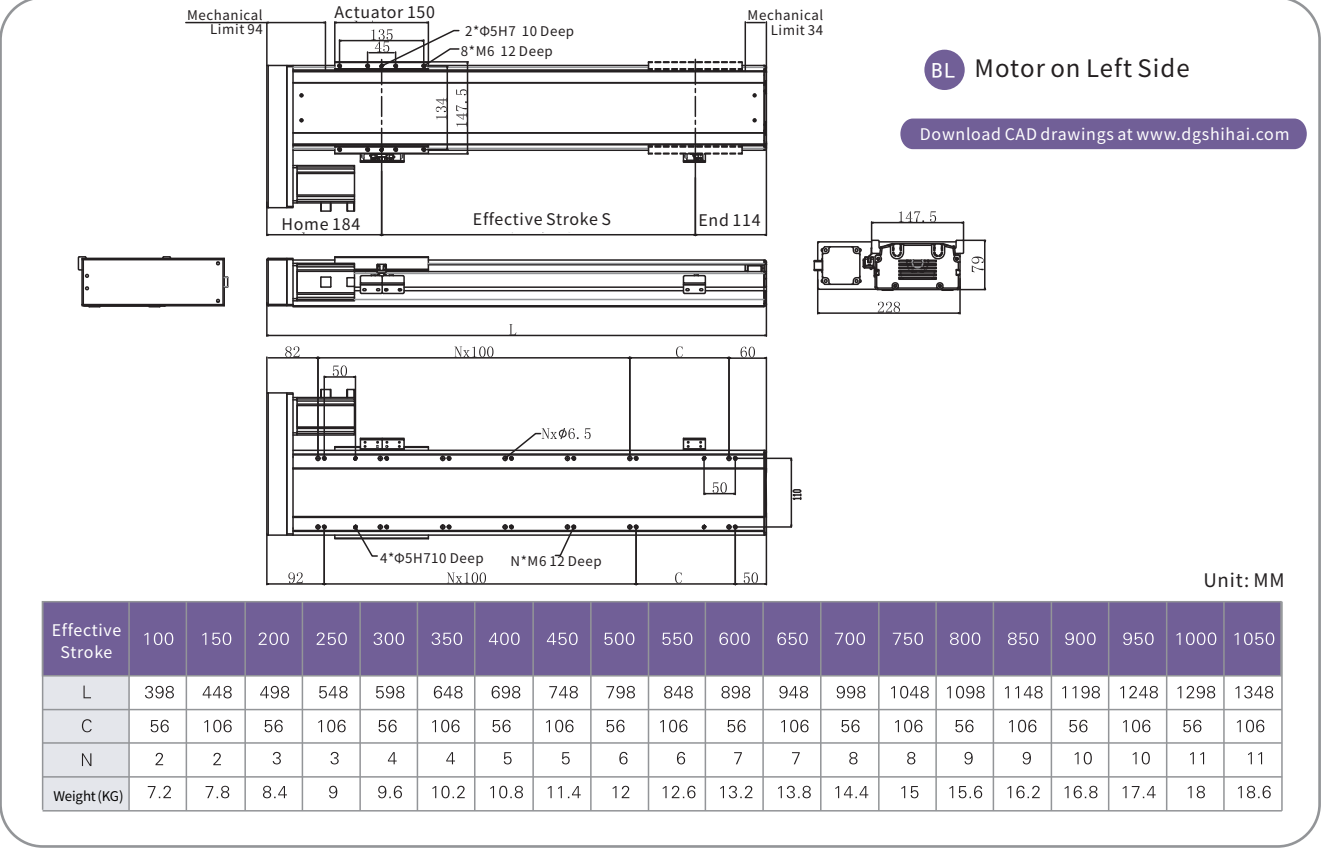
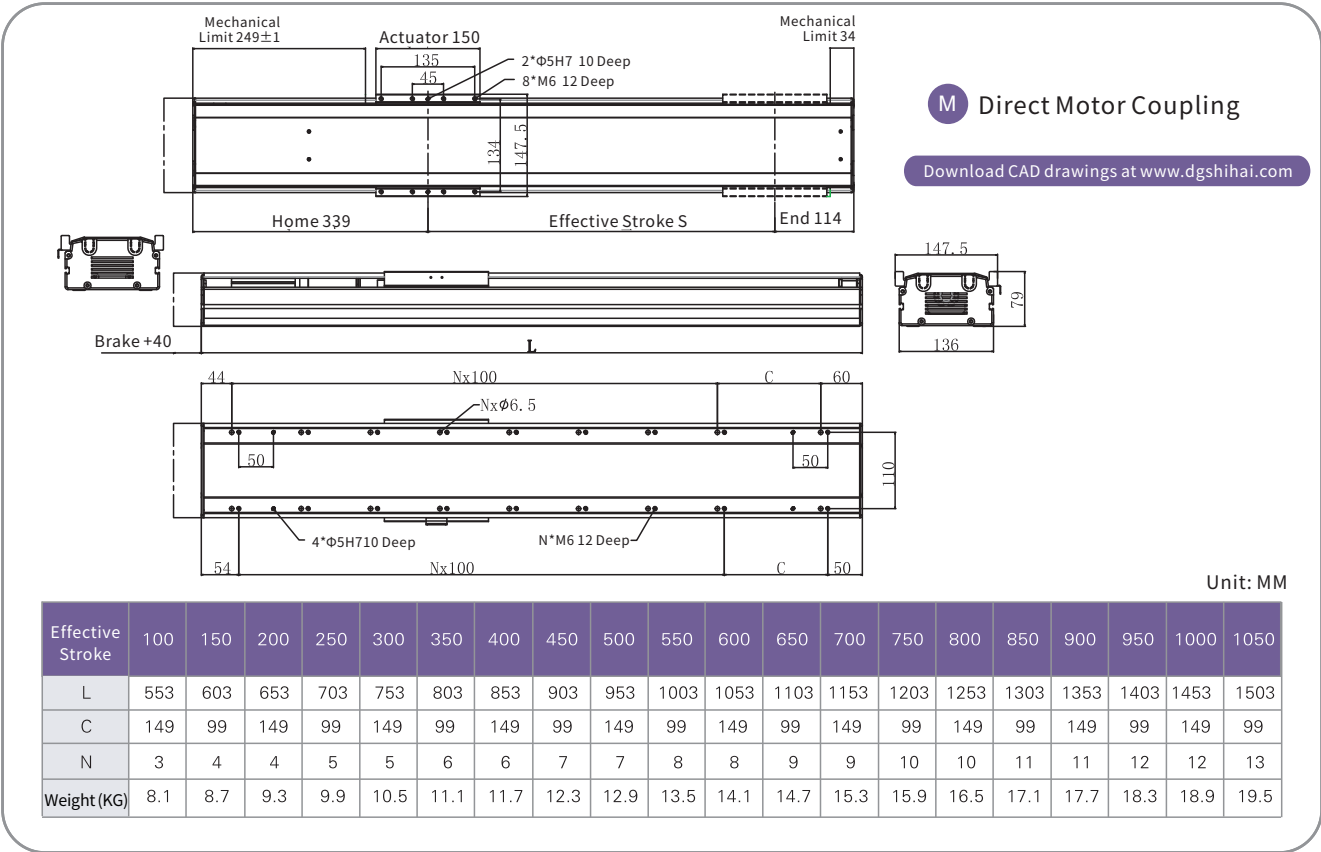
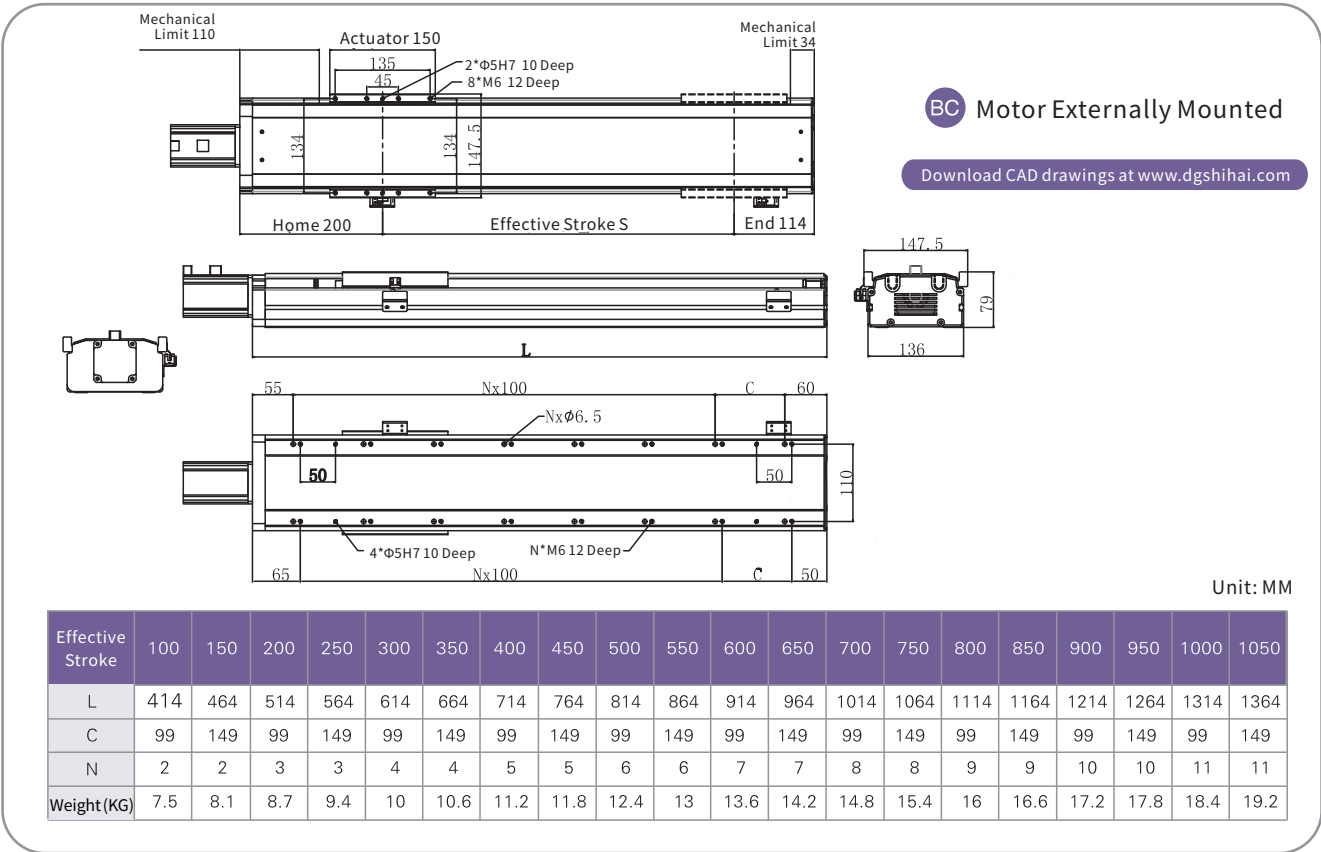
Vertical Mounting		A	C
Lead 5	20kg	400	300
	50kg	200	150
	60kg	150	100
Lead 10	10kg	400	300
	20kg	200	150
	40kg	150	100
Lead 20	10kg	350	250
	20kg	150	100
	30kg	100	50

MY	551(N.m)
MP	552(N.m)
MR	485(N.m)

List of Shaft Directions



Product Catalog



SDM136 Series

▶ General Environments / Ball Screw Drive Type

Product Catalog

