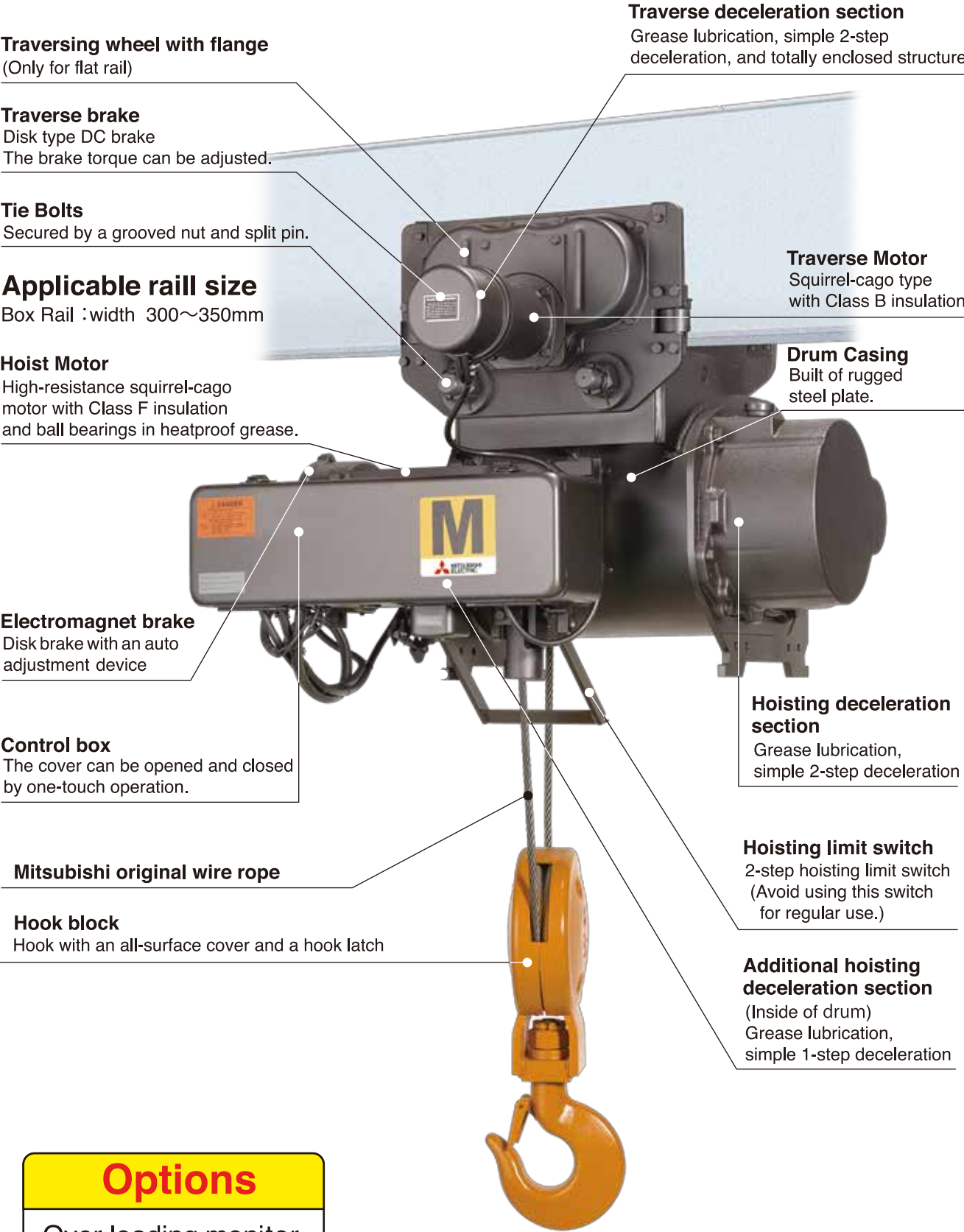


M Type Series

5t・10t



- Options
- Over loading monitor

Guide roller

Traversing limit switch

※ Photo is an optional wearing product. Please refer for the optional details separately.

M Type has been designed for optimizing price and performance.

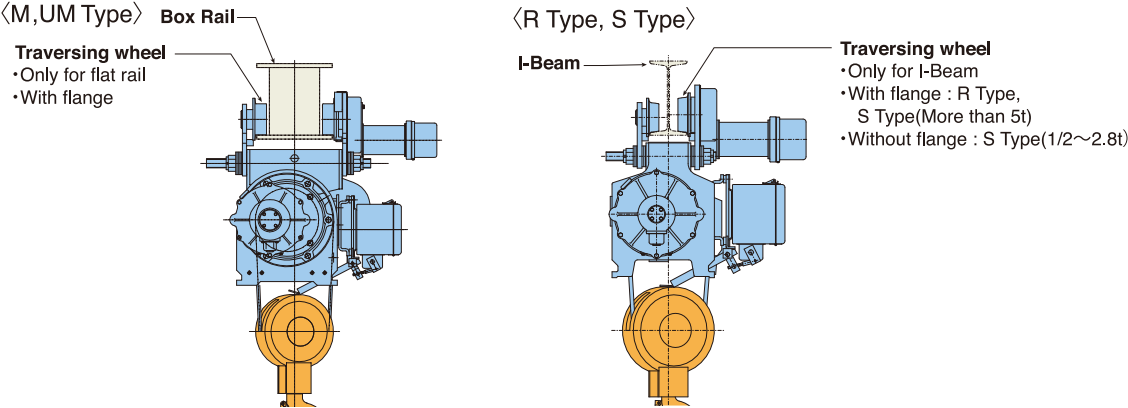
Specifications																		
Type	Capacity(t)	Lift(m)		Wire rope			Hoisting				Traversing							
											Mono-rail				Double-rail			
				Monorail type	Double rail type	Rope specification	Speed m/s (m/min)	Motor			Speed m/s (m/min)	Motor			Speed m/s (m/min)	Motor		
		Output (kW)	Rated Current (A)					Poles	Output (kW)	Rated Current (A)		Poles	Output (kW)	Rated Current (A)		Poles		
		Low	High	2 falls(2/1)	4 falls(4/1)		50 Hz	50 Hz	50 Hz		50 Hz	50 Hz	50 Hz		50 Hz	50 Hz	50 Hz	
M	5	※1	12	12.5	—	Mitsubishi original wire rope ※2	5	5.0	12.5	4	21	0.5	1.5	4	21	0.5	1.5	4
	10			—	12.5		2.5	5.0	12.5		12	0.85	2.2		21	0.85	2.2	

※ 1 Low lift models are not available  
※ 2 Using non genuine wire ropes causes low safety factor has an increased risk of short product cycle

Standard specifications

- Power supply…3-phase 380V 50Hz control 48V(24V is also available)
- Operating method…Push button switch operations.
- |                                 |                    |
|---------------------------------|--------------------|
|                                 | 5t・10t             |
| Suspended type                  | 4 Points           |
| Frame mounted type              | ON OFF U D         |
| Motor operated traversing hoist | 8 Points           |
|                                 | ON OFF U D E W S N |
- Rating…Hoisting : 40%ED(100% of load rating), 240S/Hr (FEM 9.683),※only 50Hz  
Traversing : 25%ED (100% of load rating), 150S/Hr ※only 50Hz
- Power supply system…Cable feeding, trolley feeding
- Enclosure… Simplified out door type(JIS C 9620 Equivalent to IP-44)
- Applicable standard … JIS C 9620 electric hoist/crane structure standard, FEM 9.683
- Hoist class(ISO 4301-1) … M5
- Color coating… Main body : Metallic gray (Equivarent to Munsell N4.0)  
Hook block : Munsell 7.5YR 7/14  
Push button : Equivarent to Munsell 7.5YR 7/13
- Ambient air temperature… -10℃~40℃ (Non condensing)
- Ambient air humidity…90% or less (Non condensing)

Traversing wheel and Applicable rail



UM

Type Series

5t・10t

Traversing wheel with flange  
(Only for flat rail)

Traverse Motor  
Squirrel-cage type  
with Class B insulation.

Tie Bolts  
Secured by a grooved nut and split pin.

Applicable rail size  
Box Rail :width 300~350mm

Hoist Motor  
High-resistance squirrel cago motor  
with Class F insulation and ball bearings  
in heatproof grease.

Electromagnet  
Disk brake with an  
auto adjustment  
device

Resistance unit  
・Cement resistances are unitized for  
downsizing. (For hoist rated for 10  
ton or less)  
・Adoption of the connector system  
facilitates hoist work. (For hoists  
rated for 10 ton or less)

Control box  
The cover can be  
opened and closed by  
one-touch operation.

Hook block  
Hook with an all-surface cover  
and a hook latch.

Traverse deceleration section  
Grease lubrication, simple 2-step  
deceleration, and totally enclosed structure.

Traverse brake  
Disk type DC brake  
The brake torque can be adjusted.

Drum Casing  
Built of rugged  
steel plate.

Hoisting deceleration  
section  
Grease lubrication,  
simple 2-step deceleration

Additional hoisting  
deceleration section  
(Inside of drum)  
Grease lubrication,  
simple 1-step deceleration

Hoisting limit switch  
2-step hoisting limit switch  
(Avoid using this switch  
for regular use.)

Mitsubishi original  
wire rope

Options

Guide roller

Traversing limit switch

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UM Type has been designed for optimizing price and performance.

Specifications																		
Type	Capacity(t)	Lift(m)		Wire rope			Hoisting				Traversing							
											Mono-rail				Double-rail			
				Monorail type	Double rail type	Rope specification	Speed m/s (m/min)	Motor			Speed m/s (m/min)	Motor			Speed m/s (m/min)	Motor		
		Output (kW)	Rated Current (A)					Poles	Output (kW)	Rated Current (A)		Poles	Output (kW)	Rated Current (A)		Poles		
		Low	High	2 falls(2/1)	4 falls(4/1)		50 Hz	50 Hz	50 Hz		50 Hz	50 Hz	50 Hz		50 Hz	50 Hz	50 Hz	
UM	5	1※ <sub>1</sub>	12	12.5	—	Mitsubishi original wire rope ※ <sub>2</sub>	0.6/6(9)	6.0	15	4	21	0.5	1.5	4	21	0.5	1.5	4
	10			—			12.5	0.3/3(4.5)	6.0		15	12	0.85		2.2	15	0.85	

※1 Low lift models are not available  
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Standard specifications

- Power supply…3-phase 380V 50Hz control 48V(24V is also available)
- Operating method…Push button switch operations.

Suspended type Frame mounted type	5t・10t
	4 Points
Motor operated traversing hoist	ON OFF U D※3
	8 Points ON OFF U D E W S N

※3 "U" and "D" are 2 step push button.

- Rating…Hoisting : 40%ED(100% of load rating), 240S/Hr (FEM 9.683),※only 50Hz  
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Traversing wheel and Applicable rail

