Retractor ERM ERL

Retractor is a balancer which has longer wire travel.
The spring tension increases as the wire rope is extended.
When the tension is released the suspended tools/equipment
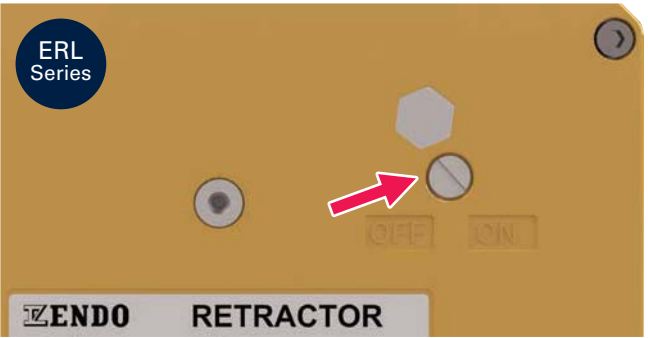**return to the original position.**

Feature

Ratchet stopper
A ratchet stopper device is equipped. It stops the stroke and locks the suspension position. When you do not need the stopper function, you can turn it off.

FUNCTION

Ratchet device	STOP Fall arrest device is available for ERM-4S/6S/8S and ERL-3/6S/8S/11S/14S	CE CE Mark is available for ERM-2/4S/6S/8 and ERL-3/6S/8S/11S/14S	

ERM Series
ERL Series

You can turn the function on/off with the switch.

Holes for the fixed position and removable hooks
There are various holes for installing the retractor into a fixed position. The top hook and the bottom hook are removable without disassembling the retractor body.
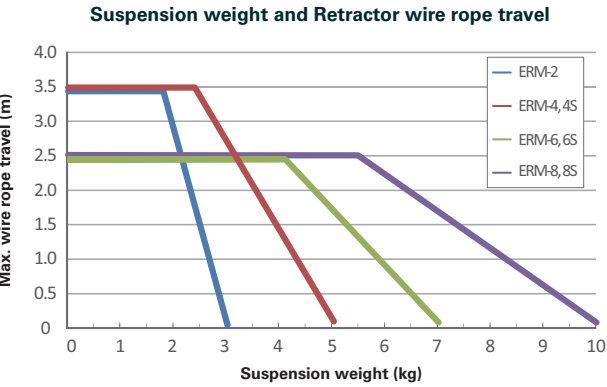
ERM Series
ERL Series

Easy adjustment
It needs only a Hex-key to adjust the spring tension.

Fall-arrest device
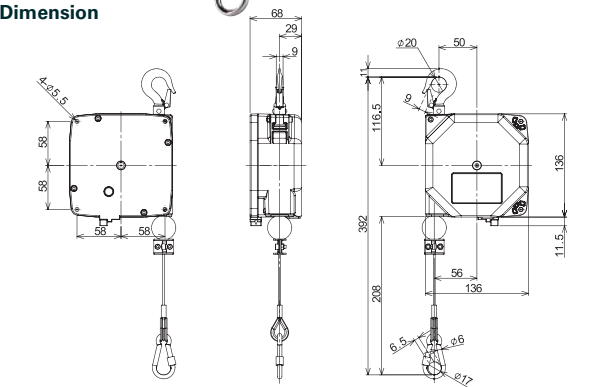Fall-arrest device is equipped on some models. (See next page)

Retractor ERM series

Model	Fall-arrest device	Capacity(kg)	Wire rope travel* (m)	Mass(kg)	CE
ERM-2	–	1.0–2.0	3.0*	1.8	✓
ERM-4	–	2.0–4.0	3.5*	2.0	–
ERM-6	–	4.0–6.0	2.5*	2.0	–
ERM-8	–	6.0–8.0	2.5*	2.0	–
ERM-4S	✓	2.0–4.0	3.5*	2.0	✓
ERM-6S	✓	4.0–6.0	2.5*	2.0	✓
ERM-8S	✓	6.0–8.0	2.5*	2.0	✓

＊ Wire rope travel is relative to the setting of the spring tension. (See below)
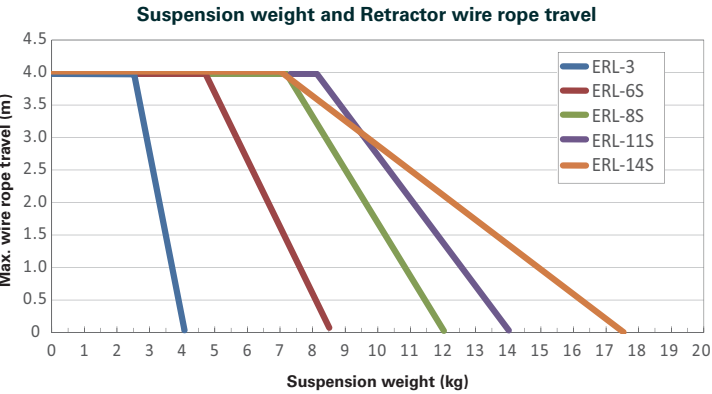
Suspension weight and Retractor wire rope travel

＊ This graph shows the wire rope travel from the factory set position.
＊ This graph is a reference for straight up and down operation.

Dimension

Retractor ERL series

Model	Fall-arrest device	Capacity(kg)	Wire rope travel* (m)	Mass(kg)	CE
ERL-3	–	1.5–3.0	4.0*	3.8	✓
ERL-6	–	3.0–6.0	4.0*	4.4	–
ERL-8	–	5.0–8.0	4.0*	4.8	–
ERL-11	–	8.0–11.0	4.0*	5.1	–
ERL-14	–	11.0–14.0	4.0*	5.1	–
ERL-6S	✓	3.0–6.0	4.0*	4.4	✓
ERL-8S	✓	5.0–8.0	4.0*	4.8	✓
ERL-11S	✓	8.0–11.0	4.0*	5.1	✓
ERL-14S	✓	11.0–14.0	4.0*	5.1	✓

＊ Wire rope travel is relative to the setting of the spring tension. (See below)

Suspension weight and Retractor wire rope travel

＊ This graph shows the wire rope travel from the factory set position.
＊ This graph is a reference for straight up and down operation.

Dimension