

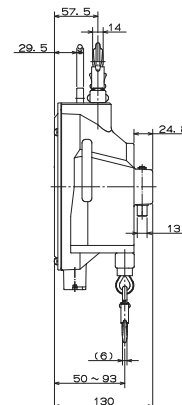
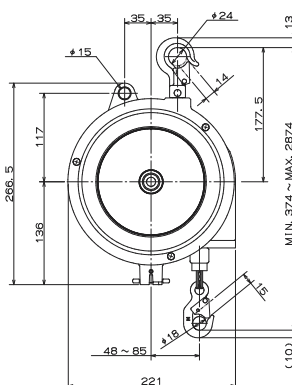
Large capacity ETP / Long stroke ELF

ELF-3/5/9

Long stroke

FUNCTION

-  Plug type cable set
-  Fall arrest device
-  Drum lock device
-  Worm gear spring adjustment
-  CE Mark available



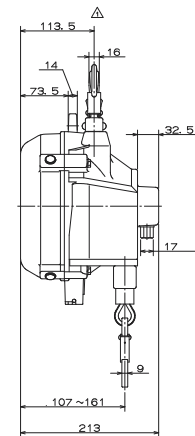
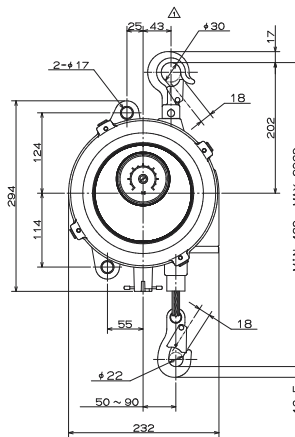
Model	Capacity(kg)	Travel(m)	Cable dia(φmm)	Mass(kg)
ELF-3	1.5-3.0	2.5	3.0	4.6
ELF-5	3.0-5.0	2.5	3.0	4.8
ELF-9	5.0-9.0	2.5	3.0	5.4

ELF-15/22/30

Long stroke

FUNCTION

-  Gauge
-  Cartridge spring assembly
-  Plug type cable set
-  Fall arrest device
-  Drum lock device
-  Worm gear spring adjustment
-  CE Mark available



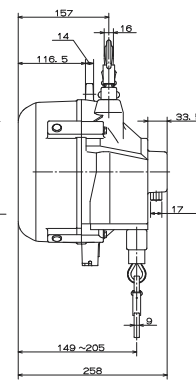
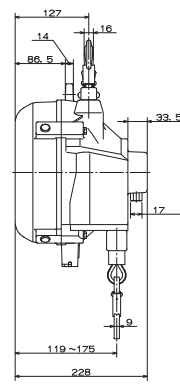
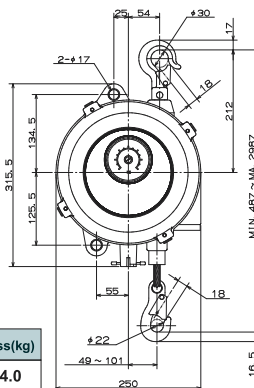
Model	Capacity(kg)	Travel(m)	Cable dia(φmm)	Mass(kg)
ELF-15	9.0-15.0	2.5	4.76	10.0
ELF-22	15.0-22.0	2.5	4.76	10.2
ELF-30	22.0-30.0	2.5	4.76	11.0

ELF-40 /50 /60 /70

Long stroke

FUNCTION

-  Gauge
-  Cartridge spring assembly
-  Plug type cable set
-  Fall arrest device
-  Drum lock device
-  Worm gear spring adjustment
-  CE Mark available



Model	Capacity(kg)	Travel(m)	Cable dia(φmm)	Mass(kg)
ELF-40	30.0-40.0	2.5	4.76	14.0
ELF-50	40.0-50.0	2.5	4.76	14.5
ELF-60	50.0-60.0	2.5	4.76	17.1
ELF-70	60.0-70.0	2.5	4.76	18.0

Selection of suitable model

Always use a suitable model meeting the total weight of suspended tool or instrument. The balancer should be selected considering the weight of the tool and accessories.

Installation

- Install Spring balancers uneven not to hit each other when the balancers are installed in a line.
- Always employ a secondary support chain and leave the slack for smooth swivel.
- Always adjust the spring tension to meet the total weight of tool and the application.