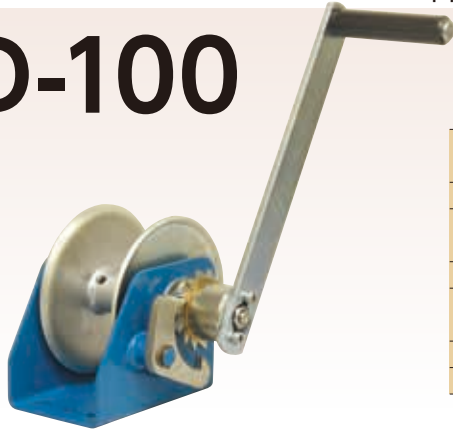


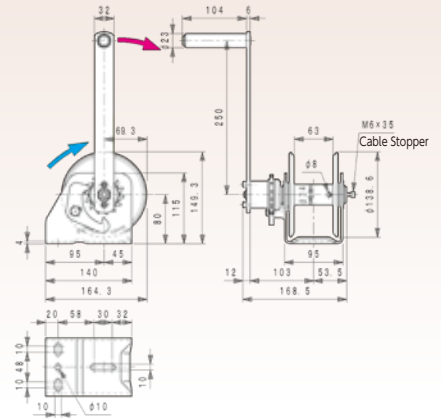
# Handy Winch with Compact Mechanical Brake

Installed the mechanical brake (double brake pawls). Possible to use outdoors without brake cover because the brake discs are made of a copper alloy.

## HD-100

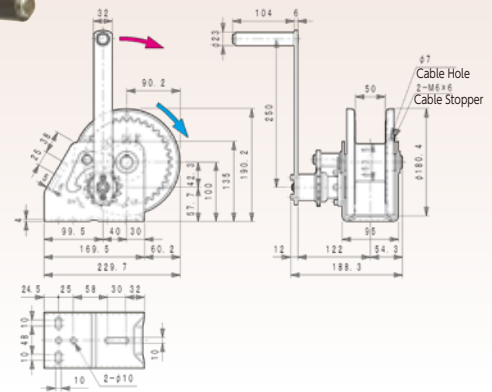
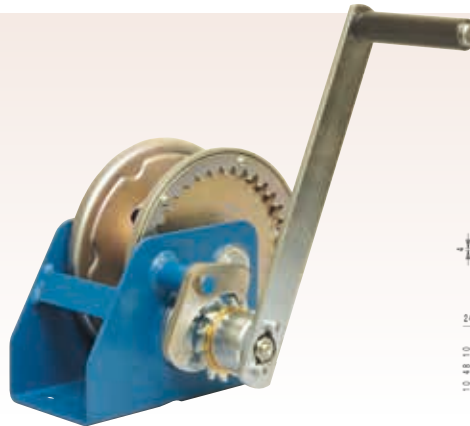


Max Capacity (1 <sup>st</sup> Layer)	100kg
Hand Pressure Load	85N
Winding Length per Turn	125.6mm
Cable Diameter	φ6mm
Drum Winding Capacity	15m
Winch Weight	4.5kg
Gear Ratio	1:1



## HD-300

Max Capacity (1 <sup>st</sup> Layer)	300kg
Hand Pressure Load	85N
Winding Length per Turn	36.3mm
Cable Diameter	φ6mm
Drum Winding Capacity	15m
Winch Weight	6.6kg
Gear Ratio	1:6



→ shows the rotating direction of the handle at the time of winding in    → shows the rotating direction of the drum

**Note** ● In addition to the brake sticking (lock-up) that you cannot rewind (Page 7), there is another brake sticking (lock-up) that does not work at all because the ratchet is stick to U-nut when the load drop is occurred due to reverse winding by mistake. It is occurred because there is not a stopper for handy winch (Ref. page 1 Structure ⑦). To solve this problem, turn the handle hard to the direction for winding in or tap the handle stem with a rubber mallet in the same direction to detach the ratchet from U-nut. Please refer to the manual for details to solve the brake sticking (lock-up).

## Plenty of Uses in accordance with Purposes



Net for preventing balls



Banner · Hanging curtain



Opening/Closing a shading Net



For drying a fire-fighting hose



Water gate



For course ropes at canoe playing field