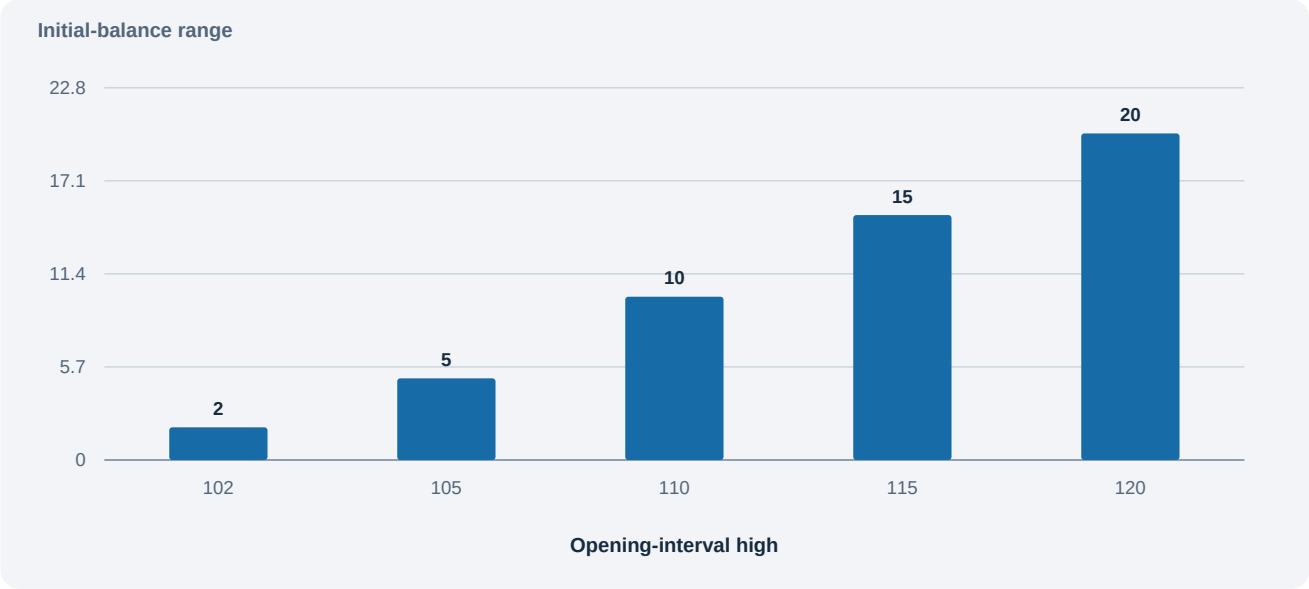
Initial-balance range

Auction and levels | Original synthetic example | Edition 2026-11-26

The initial-balance range is the high-minus-low over a predefined opening interval. The interval is part of the definition and must be fixed before comparing sessions.

FORMULA IB range = opening-interval high - opening-interval low

SCENARIO 01: Fixed opening interval; low 100; compare interval highs



WORKED EXAMPLE

An interval high of 110 and low 100 produce range 10. The interval definition must remain fixed.

COMMON MISTAKE

Changing the opening interval after viewing the session introduces hindsight into comparisons.

BEFORE YOU USE THE CALCULATION

1. Fix the session timezone.
2. Declare the opening interval.
3. Exclude bars outside that interval.

COMPARE TWO MORE INPUT SETS

Scenario 05: Fixed opening interval; low 140; compare interval highs. An interval high of 150 and low 140 produce range 10. The interval definition must remain fixed.

Scenario 10: Fixed opening interval; low 190; compare interval highs. An interval high of 200 and low 190 produce range 10. The interval definition must remain fixed.

Synthetic values are not historical market data. Educational material; trading can result in substantial losses.