$$beamX_t = beamX_{t-1} \times \left[\frac{\sum_{i=1}^{n} N_{i,t} \times P_{i,t} \times FF_{i,t} \times W_{i,t} \times D_{i,t}}{\sum_{i=1}^{n} N_{i,t-1} \times P_{i,t-1} \times FF_{i,t-1} \times W_{i,t-1}} \right] \times K$$

Where:

beamX is an index of the BEAM market;
Ni,t is the number of shares of the respective issue on the (t) day;
Ni,t-1 is the number of shares of the respective issue on the (t-1) day;
Pi,t is the price of the last trade in the (i)-th security on the (t) day;
Pi,t-1 is the price of the last trade in the (i)-th security on the (t-1) day;
FFi,t is the free-float of the (i)-th security on the (t) day;
FFi,t-1 is the free-float of the (i)-th security on the (t-1) day;
Wi,t is the weight factor of the (i)-th security on the (t) day (Wi =1 unless the weight of the security would exceed 20 % of the index);
Wi,t-1 is the weight factor of the (i)-th security on the (t-1) day;;
n is the number of issues included in the index portfolio;
i is the indicator of the specific security;
t is the day, for which the index is calculated;
Di,t is the divisor effective for the current trading session for the (i)-th security;|
K is the adjustment factor (K=1, unless the index base is changed)