

Method of measurement of speed of motion of metal strip, which is wound into the roll (or unwound from the roll). The speed of rotation of the shaft of winder on which the roll is located is determined first, and then the roll diameter, after which the speed of motion of metal strip according to the formula is determined:

$$V = \frac{\pi \cdot D_p \cdot n}{60},$$

where V - linear speed of winding strip, m/s;

D<sub>p</sub> - diameter of roll, m;

n - speed of rotation of shaft of electric motor of winder, rpm.