Main technical characteristics

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| No. | Characteristics | 5M150P |
|  | Accuracy class of semi-automate | P |
|  | Max workpiece diameter, mm | 800 |
|  | Max cut ring width, mm | 160 |
|  | Max diameter of gear cut ring, mm:   * external gearing * internal gearing | 800  800-2S |
|  | Module of gear cut ring, mm:   * min * max | 1  12 |
|  | Table working surface diameter according to GOST 6569-75, mm | 800 |
|  | Max nominal divider-diameter of gear cutter according to GOST 9323-79, mm | 200 |
|  | Spindle end for tool mounting:  cone-hole according to ST. SEV147-75 standard | Morse 5 |
|  | Distance from lower plane of machine bed to table working surface, mm | 870 |
|  | Clamping slot width according to GOST 1574-75, mm | 22N11 |
|  | Distance between upper table surface and spindle nose, mm:   * min * max | 155  355 |
|  | Max spindle travel, mm | 200 |
|  | Distance from spindle axis to table axis, mm:   * min * max | 0  700 |
|  | Number limits of spindle double moves per min. | 33…212 |
|  | Circular feed limits for tool diameter D100, mm/double stroke | 0,2..1,5 |
|  | Radial feed limits, mm/min | 0,5..5,0 |
|  | Accelerated table travel speed, mm/min | 205 |
|  | Table rotation frequency, rpm | 1,7 |
|  | Tool spindle rotation frequency, rpm | 3 |
|  | Overall dimensions, mm:   * length * width * height | 3150  1780  3300 |
|  | Machine weight, kg | 10450 |