

Indexing times FIBROTOR® EM.NC.10

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|--|------|------|------|------|
| Mass moment of inertia J in kgm ² | 0,5 | 1,0 | 1,5 | 4,0 |
| Max. perm. table top speed 1'/min | 40 | 27 | 20 | 8 |
| Acceleration time t _a in s | 0,2 | 0,2 | 0,3 | 0,3 |
| Overall gear ratio reduction i | 60 | 84 | 120 | 360 |
| Motor speed n in 1'/min | 2400 | 2268 | 2400 | 2880 |
| Motor torque required in Nm | 0,9 | 0,9 | 0,8 | 0,8 |
| Swivel time t _s in s for | | | | |
| 360° | 1,9 | 2,6 | 3,4 | 7,9 |
| 180° | 1,1 | 1,5 | 1,9 | 4,2 |
| 120° | 0,9 | 1,1 | 1,5 | 2,9 |
| 90° | 0,75 | 0,9 | 1,1 | 2,3 |
| 60° | 0,6 | 0,75 | 0,9 | 1,65 |
| 45° | 0,55 | 0,65 | 0,8 | 1,35 |
| 30° | 0,5 | 0,55 | 0,5 | 1,05 |
| 20° | 0,45 | 0,5 | 0,55 | 0,85 |
| 10° | 0,4 | 0,45 | 0,45 | 0,65 |
| 5° | 0,4 | 0,4 | 0,4 | 0,5 |
| 2° | 0,35 | 0,4 | 0,4 | 0,45 |

Load data FIBROTOR® EM.NC.10

| | | | |
|---|----|------|-----|
| Perm. transport load | kg | 100 | ① |
| Horizontal table top | kg | 50 | ② |
| Vertical table top | kg | 50 | |
| Table top, upside down | kg | 50 | |
| Perm. add-on diameter | mm | 520 | ③ |
| Perm. axial loading on the table top | | | |
| Horizontal | N | 4000 | ④ |
| Vertical | N | 1500 | ⑤ |
| Perm. radiale loading on table top | N | 1000 | ⑥ |
| Perm. tilting moment on positioned table top | | | |
| Horizontal | Nm | 350 | ⑦ |
| Vertical | Nm | 200 | ⑧ |
| Upside-down | Nm | 150 | |
| Perm. tilting moment on rotating table top | | | |
| Upside-down | Nm | 100 | ⑦+⑧ |
| Perm. tangential moment on positioned table top, from machining force and in vertical position additionally from eccentric transport load | Nm | 25 | ⑨ |

