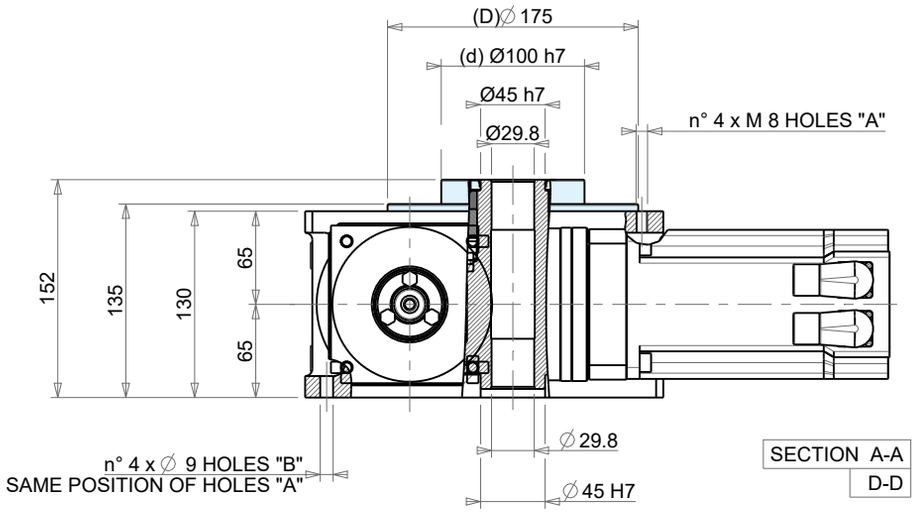
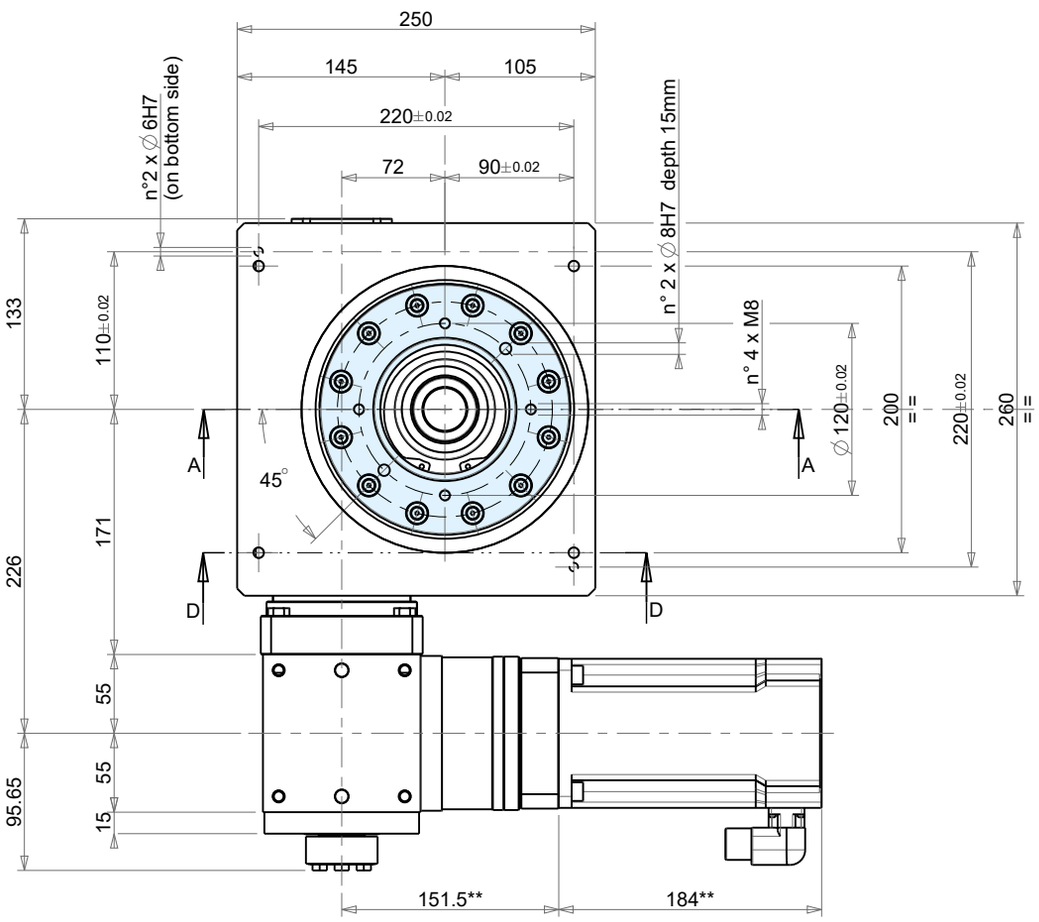
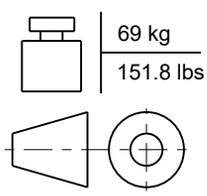
# ITF-TRF

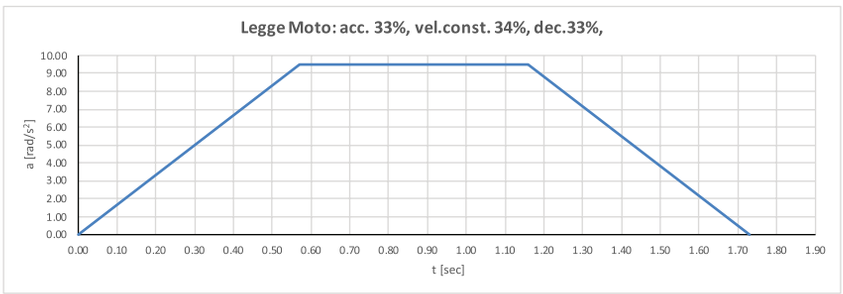
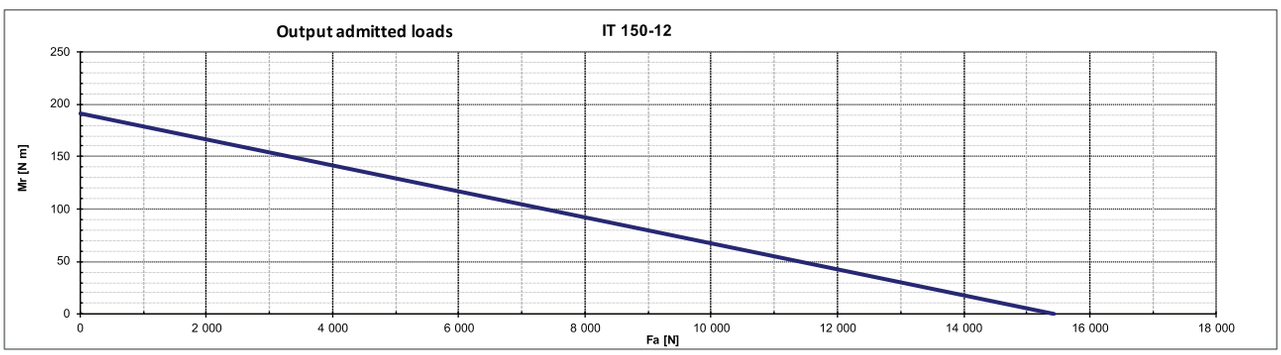
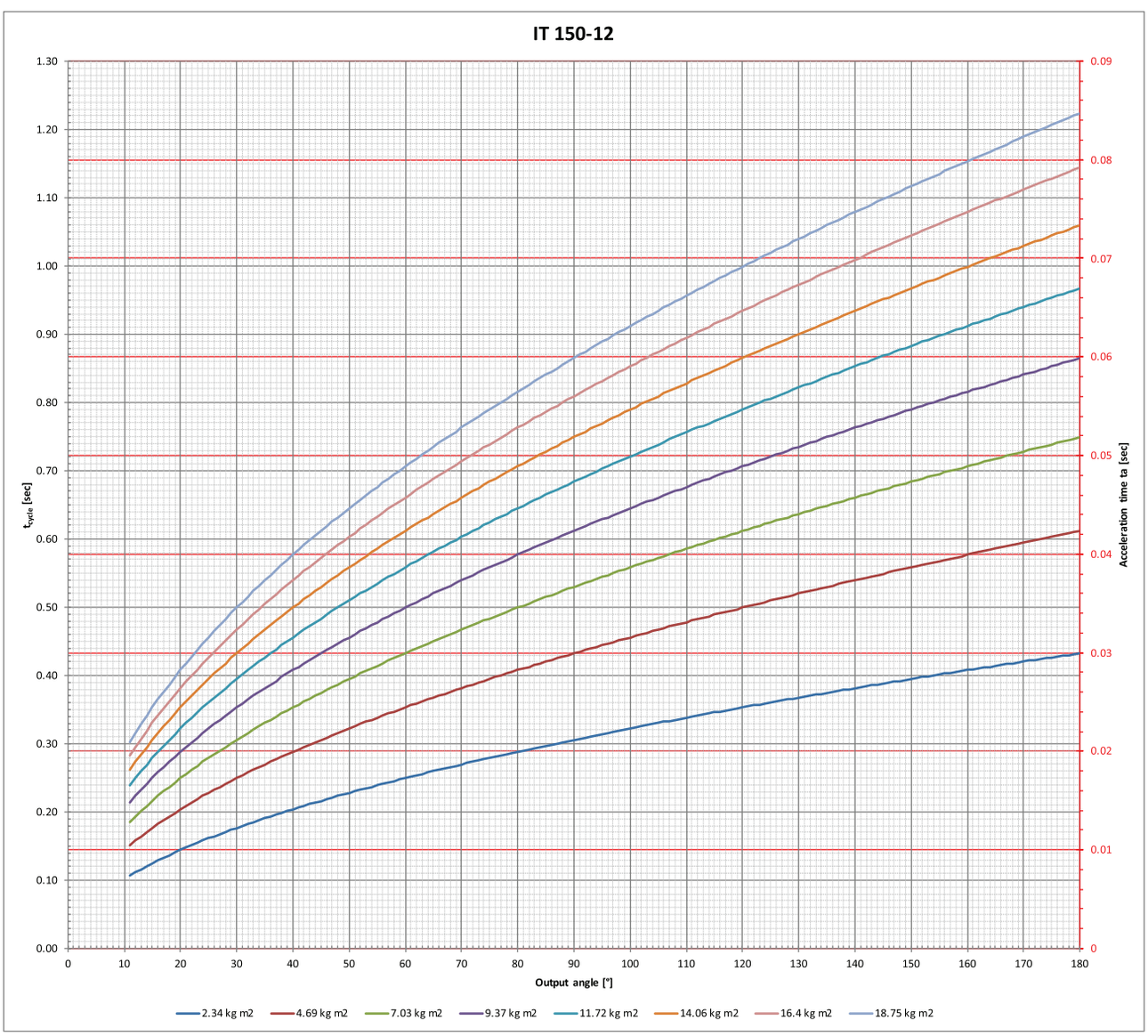





** = Dimension with servomotor Beckhoff - AM8551xx00

| ITF 150 | Reference<br>Riferimento<br>Bezug<br>Référence<br>Referencia<br>参考 | Concentricity<br>Concentricità<br>Konzentrizität<br>Concentricité<br>Concentricidad<br>同心度 | Planarity<br>Planarità<br>Planheit<br>Planéité<br>Planaridad<br>平面度 | Accuracy<br>Precisione<br>Teilgenauigkeit<br>Précision<br>Precisión<br>精度 | Threaded holes position<br>Posizione fori filettati<br>Löcherposition<br>Position des trou taraudé<br>Posición orificios roscados<br>螺纹孔位置精度 | Tolerance in compliance with<br>Tolleranze secondo<br>Toleranzen gemäß<br>Tolérances selon<br>Tolerancias con arreglo a<br>公差符合 |
|---|---|---|---|---|---|---|
| | | | | Standard | | |
| | d | ± 0.015 mm | | | | UNI - ISO 2768-1<br>EN 22768-1 |
| | D | | ± 0.015 mm | | | |
| | Rp | | | ± 0.015° | | |

| Unit | IT 150-12 | |
|---|---|---|
| Total ratio | 60 | :1 |
| Max. rotary diameter | 1 200 | mm |
| Max. output torque | 178 | N m |
| Max. Application Inertia | 18.75 | kg m$^2$ |
| Internal inertia @ motor shaft | 0.004450 | kg m$^2$ |
| $t_{360^\circ}$ | 1.73 | s |
| Max motor speed | 5 000 | min$^{-1}$ |
| Max acceleration | 9.50 | rad/s$^2$ |
| Rated motor torque (max) | 4.40 | N m |
| Gearbox code | ATB-FC110 1:5 | APEX |
| Servo code | AM8551-xG00 | Beckhoff |