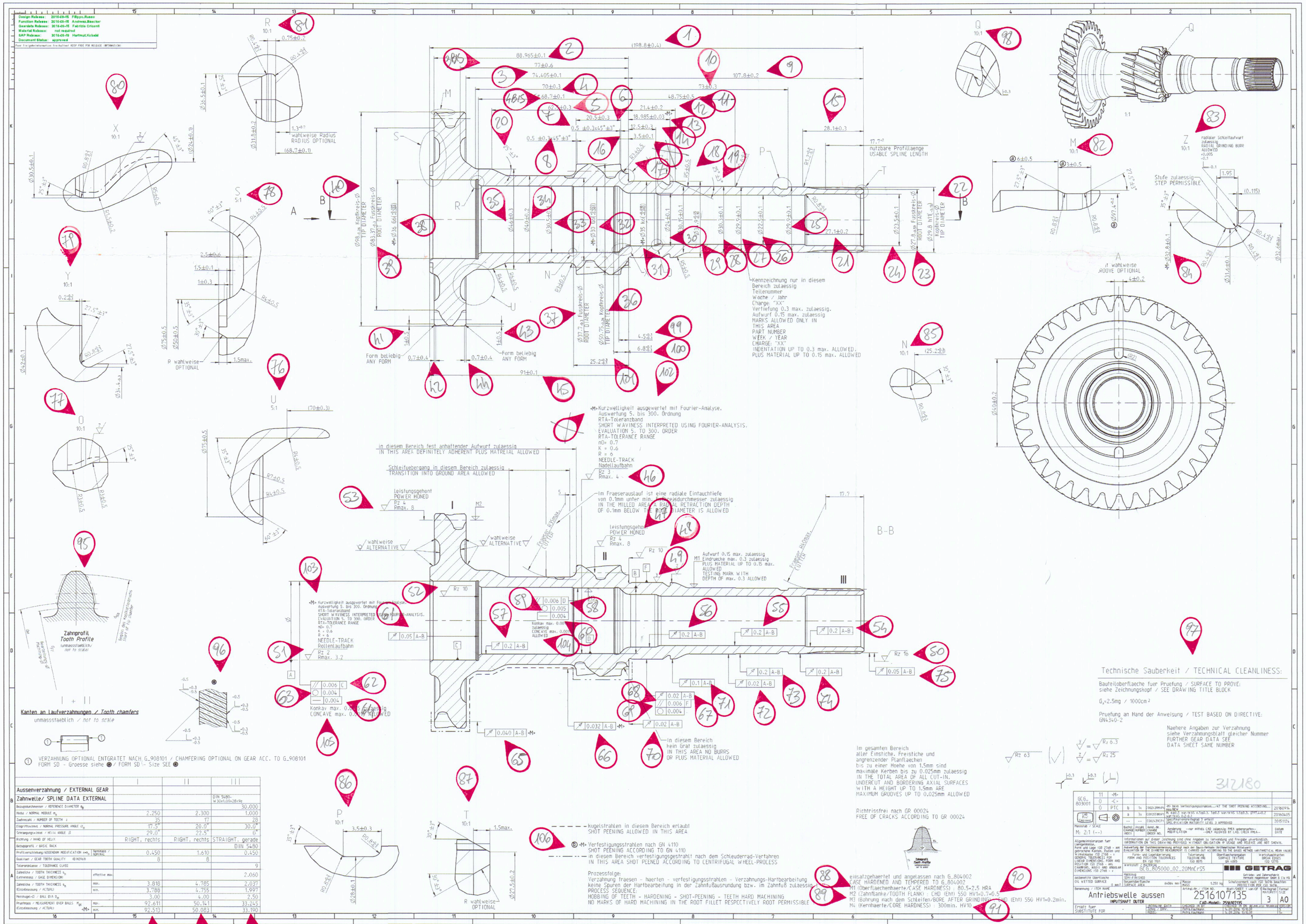
Design Release: 2016-09-16 Filippo.Russo
Function Release: 2016-09-16 Andreas.Baecker
Geandete Release: 2016-09-16 Fabrizio Crisenti
Material Release: not required
SAP Release: 2016-09-19 Hartmut.Kobald
Document Status: approved
Fuer Freigabeinformation Freihaltest KEEP FREE FOR RELEASE INFORMATION




| Aussenverzahnung / EXTERNAL GEAR | | I | II | III |
|---|---|---|---|---|
| Zahnwelle/ SPLINE DATA EXTERNAL | | | | DIN 5480- W30x1,00x28x9e |
| Bezugsdurchmesser / REFERENCE DIAMETER $d_B$ | | | | 30.000 |
| Modul / NORMAL MODULE $m_n$ | | 2.250 | 2.300 | 1.000 |
| Zaehnezahl / NUMBER OF TEETH z | | 35 | 17 | 28 |
| Eingriffswinkel / NORMAL PRESSURE ANGLE $\alpha_n$ | | 17.5° | 20.0° | 30.0° |
| Schraegungswinkel / HELIX ANGLE β | | 29.0° | 22.5° | 0° |
| Richtung / HAND OF HELIX | | RIGHT, rechts | RIGHT, rechts | STRAIGHT, gerade |
| Bezugsprofil / BASIC RACK | | | | DIN 5480 |
| Profilverschiebung/ADDENDUM MODIFICATION $x_m$ | Vorzugsgr. / NOMINAL | 0.450 | 1.610 | 0.450 |
| Qualitaet / GEAR TOOTH QUALITY ISO1328/8 | | 8 | 8 | |
| Toleranzklasse / TOLERANCE CLASS | | | | 9 |
| Zahndicke / TOOTH THICKNESS $s_n$ (Lehrenmass / GAGE DIMENSION) | effective max. | | | 2.060 |
| Zahndicke / TOOTH THICKNESS $s_n$ (Einzelmessung / ACTUAL) | max. | 3.818 | 4.785 | 2.037 |
| | min. | 3.788 | 4.755 | 1.997 |
| Messkugel-Ø / BALL DIA $D_M$ | | 3.00 | 4.00 | 2.50 |
| Pruefmass / MEASUREMENT OVER BALLS $M_{DK}$ (Einzelmessung / ACTUAL) | max. | 92.611 | 50.141 | 33.245 |
| | min. | 92.513 | 50.083 | 33.190 |