



Predmet: **Mašinski elementi**
Nastavnik: **Sima Pastor**
Vežba br. 1

Tema: Proračun ležaja

Zadate vrednosti po rednom broju u Dnevniku

| R.br. | P | n | K_A | F_{r1} | F_{a1} | d_{z1} | l_1 | l |
|-------|------|-------------------|-------|----------|----------|----------|-------|-----|
| | kW | min^{-1} | - | N | N | mm | mm | mm |
| 1 | 4 | 700 | 1.1 | 1479 | 706 | 30 | 10 | 20 |
| 2 | 5 | 950 | 1.2 | 1496 | 855 | 30 | 10 | 20 |
| 3 | 6.3 | 1400 | 1.25 | 1012 | 720 | 40 | 20 | 40 |
| 4 | 3.2 | 700 | 1.1 | 887 | 423 | 40 | 20 | 40 |
| 5 | 2.5 | 950 | 1.2 | 748 | 427 | 30 | 10 | 20 |
| 6 | 2 | 1400 | 1.25 | 428 | 305 | 30 | 10 | 20 |
| 7 | 1.6 | 700 | 1.1 | 444 | 212 | 40 | 20 | 40 |
| 8 | 1.25 | 950 | 1.2 | 281 | 160 | 40 | 20 | 40 |
| 9 | 1 | 1400 | 1.25 | 321 | 228 | 20 | 10 | 20 |
| 10 | 0.8 | 700 | 1.1 | 444 | 212 | 20 | 10 | 20 |
| 11 | 8 | 950 | 1.2 | 1795 | 1026 | 40 | 20 | 40 |
| 12 | 10 | 1400 | 1.25 | 1606 | 1142 | 40 | 20 | 40 |
| 13 | 12.5 | 700 | 1.1 | 2773 | 1323 | 50 | 30 | 60 |
| 14 | 16 | 950 | 1.2 | 2873 | 1641 | 50 | 30 | 60 |
| 15 | 20 | 1400 | 1.25 | 2142 | 1523 | 60 | 40 | 80 |
| 16 | 25 | 700 | 1.1 | 3466 | 1654 | 80 | 60 | 60 |
| 17 | 31.5 | 950 | 1.2 | 2828 | 1615 | 100 | 80 | 80 |
| 18 | 40 | 1400 | 1.25 | 2142 | 1523 | 120 | 90 | 90 |
| 19 | 50 | 700 | 1.1 | 3961 | 1890 | 140 | 110 | 110 |
| 20 | 63 | 950 | 1.2 | 3535 | 2019 | 160 | 130 | 130 |
| 21 | 80 | 1400 | 1.25 | 2856 | 2031 | 180 | 150 | 150 |
| 22 | 100 | 700 | 1.1 | 5546 | 2646 | 200 | 160 | 140 |
| 23 | 90 | 950 | 1.2 | 3672 | 2098 | 220 | 180 | 160 |
| 24 | 112 | 1400 | 1.25 | 2999 | 2132 | 240 | 200 | 160 |
| 25 | 140 | 700 | 1.1 | 5973 | 2850 | 260 | 220 | 180 |
| 26 | 125 | 950 | 1.2 | 4007 | 2289 | 280 | 240 | 160 |
| 27 | 160 | 1400 | 1.25 | 3427 | 2437 | 300 | 250 | 170 |
| 28 | 200 | 700 | 1.1 | 6933 | 3307 | 320 | 270 | 190 |
| 29 | 180 | 950 | 1.2 | 4752 | 2715 | 340 | 290 | 210 |
| 30 | 224 | 1400 | 1.25 | 3998 | 2843 | 360 | 310 | 190 |
| 31 | 280 | 700 | 1.1 | 8173 | 3899 | 380 | 310 | 190 |
| 32 | 250 | 950 | 1.2 | 5610 | 3205 | 400 | 330 | 180 |
| 33 | 315 | 1400 | 1.25 | 4819 | 3427 | 420 | 350 | 200 |
| 34 | 400 | 700 | 1.1 | 10084 | 4811 | 440 | 370 | 220 |