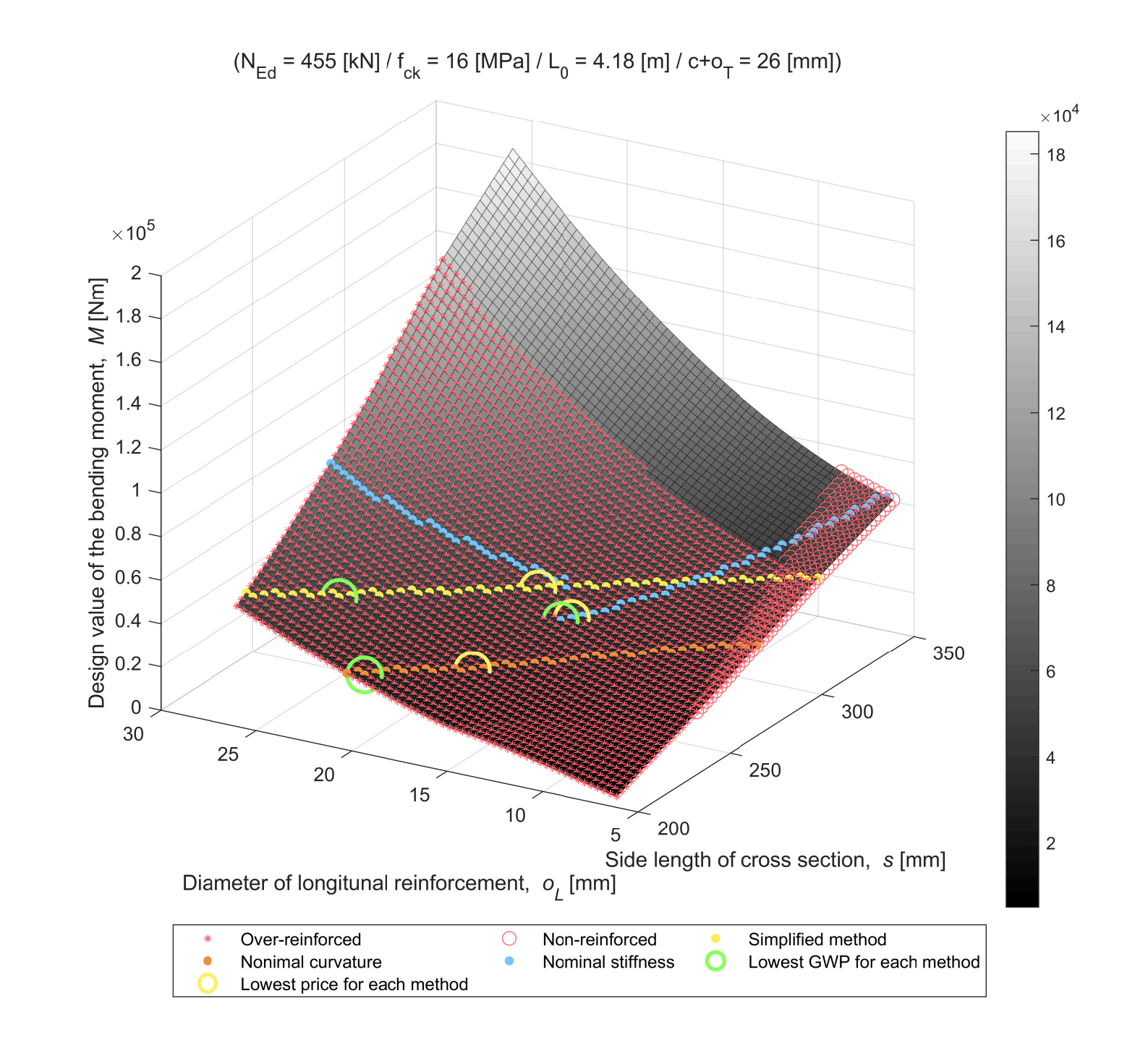
(N_{Ed} = 455 [kN] / f_{ck} = 16 [MPa] / L_0 = 4.18 [m] / c+o_T = 26 [mm])
×10^5
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Design value of the bending moment, M [Nm]
30
25
20
15
10
5
Diameter of longitunal reinforcement, o_L [mm]
200
250
300
350
Side length of cross section, s [mm]
×10^4
18
16
14
12
10
8
6
4
2
Over-reinforced
Nonimal curvature
Lowest price for each method
Non-reinforced
Nominal stiffness
Simplified method
Lowest GWP for each method