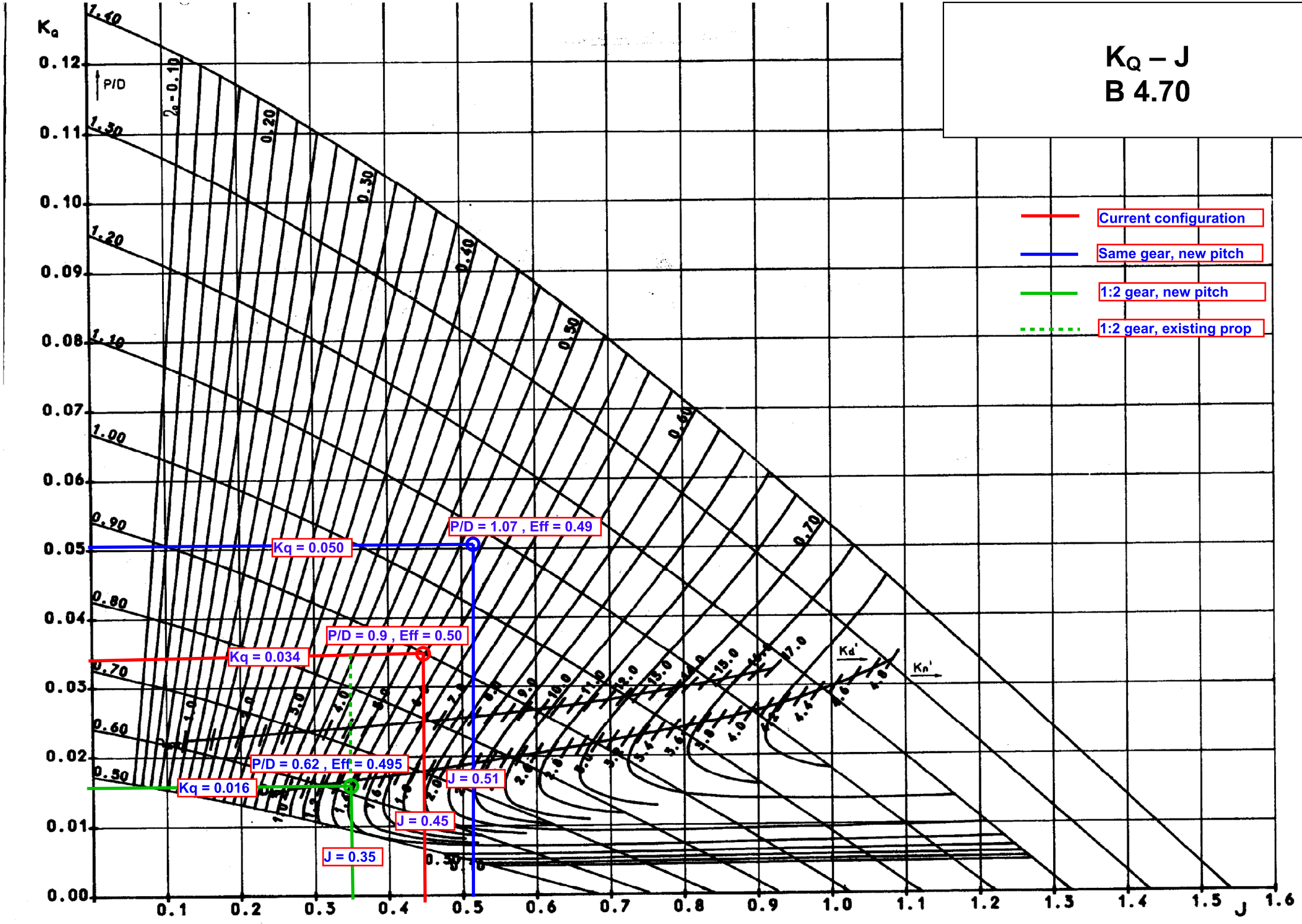

K_Q – J
B 4.70
K_Q
P/D
z_0 - 0.10
0.20
0.30
0.40
0.50
0.60
0.70
1.40
1.30
1.20
1.10
1.00
0.90
0.80
0.70
0.60
0.50
0.12
0.11
0.10
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6
J
K_d'
K_n'
Current configuration
Same gear, new pitch
1:2 gear, new pitch
1:2 gear, existing prop
P/D = 1.07 , Eff = 0.49
Kq = 0.050
P/D = 0.9 , Eff = 0.50
Kq = 0.034
P/D = 0.62 , Eff = 0.495
Kq = 0.016
J = 0.51
J = 0.45
J = 0.35