# Formulas derived from datasheet

## Motor

## Gearing

Ddd

## Bearing

Ddd

## Propellor

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| Speed [m/s] | J-value [-] | 10Kq(torque) |
| 0,00 | 0,0000 | 0,0804 |
| 0,28 | 0,3936 | 0,2535 |
| 0,56 | 0,5430 | 0,2566 |
| 0,83 | 0,6346 | 0,2617 |
| 1,11 | 0,7137 | 0,2644 |
| 1,39 | 0,7713 | 0,2667 |
| 1,67 | 0,8219 | 0,2690 |
| 1,94 | 0,8673 | 0,2711 |
| 2,22 | 0,9066 | 0,2730 |
| 2,50 | 0,9400 | 0,2748 |
| 2,78 | 0,9707 | 0,2756 |
| 3,06 | 0,9992 | 0,2763 |
| 3,33 | 1,0250 | 0,2762 |
| 3,61 | 1,0218 | 0,2762 |
| 3,89 | 1,0226 | 0,2762 |
| 4,17 | 1,0307 | 0,2762 |
| 4,44 | 1,0396 | 0,2761 |
| 4,72 | 1,0480 | 0,2760 |
| 5,00 | 1,0567 | 0,2759 |
| 5,28 | 1,0633 | 0,2758 |
| 5,56 | 1,0702 | 0,2760 |
| 5,83 | 1,0747 | 0,2764 |
| 6,11 | 1,0789 | 0,2767 |
| 6,39 | 1,0820 | 0,2770 |
| 6,67 | 1,0854 | 0,2773 |
| 6,94 | 1,0953 | 0,2782 |
| 7,22 | 1,1047 | 0,2758 |
| 7,50 | 1,1138 | 0,2722 |
| 7,78 | 1,1224 | 0,2687 |
| 8,06 | 1,1307 | 0,2653 |
| 8,33 | 1,1387 | 0,2621 |