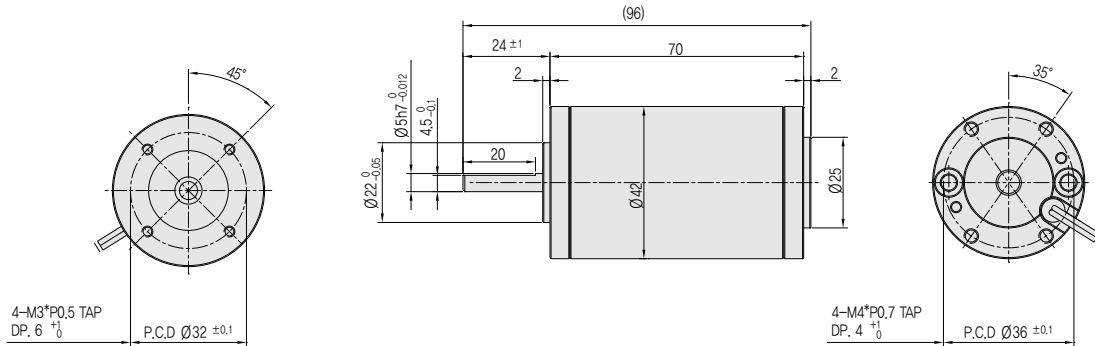


XD & XA SERIES

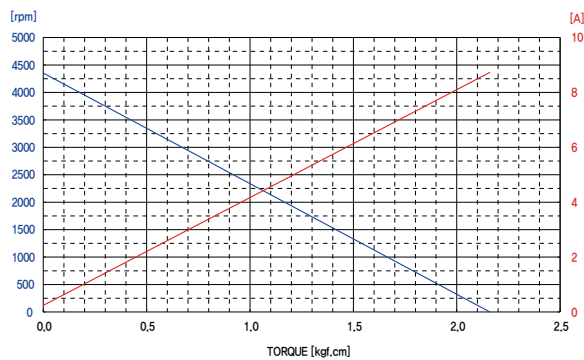
■ XD4215 Series DC Motor Dimension



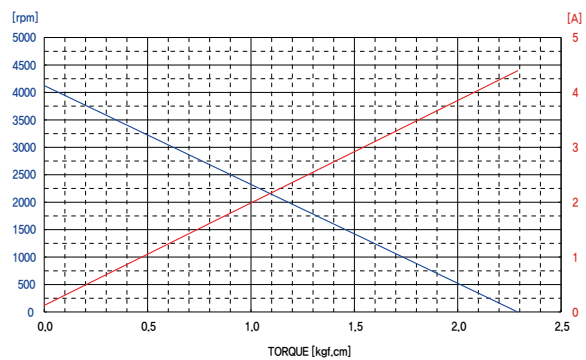
■ XD4215 Series DC Motor Data Sheet

| Data | units | XD4215 Series | | |
|-------------------------|----------|---------------|------|------|
| | | 12 | 24 | 40 |
| Rated voltage | [Vd.c] | 12 | 24 | 40 |
| No load speed | [r/min] | 4350 | 4200 | 4400 |
| No load current | [A] | 0.45 | 0.20 | 0.15 |
| Rated torque | [kgf.cm] | 0.45 | 0.45 | 0.41 |
| | [Ncm] | 4.4 | 4.4 | 4.0 |
| Rated speed | [r/min] | 3300 | 3300 | 3600 |
| Rated current | [A] | 2.10 | 0.94 | 0.56 |
| Rated Output power | [W] | 15 | 15 | 15 |
| Stall torque | [kgf.cm] | 2.05 | 2.18 | 2.14 |
| | [Ncm] | 20.1 | 21.4 | 21.0 |
| Stall current | [A] | 9.6 | 4.8 | 3.0 |
| Demagnetization current | [A] | 14 | 6.5 | 4.1 |
| Weight | [kg] | 0.37 | 0.37 | 0.37 |

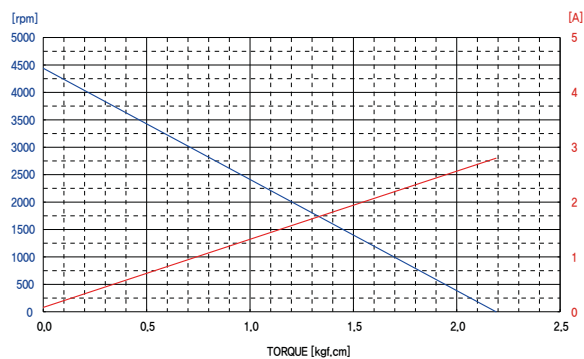
■ XD4215-12 Characteristic diagram, 12Vd.c



■ XD4215-24 Characteristic diagram, 24Vd.c

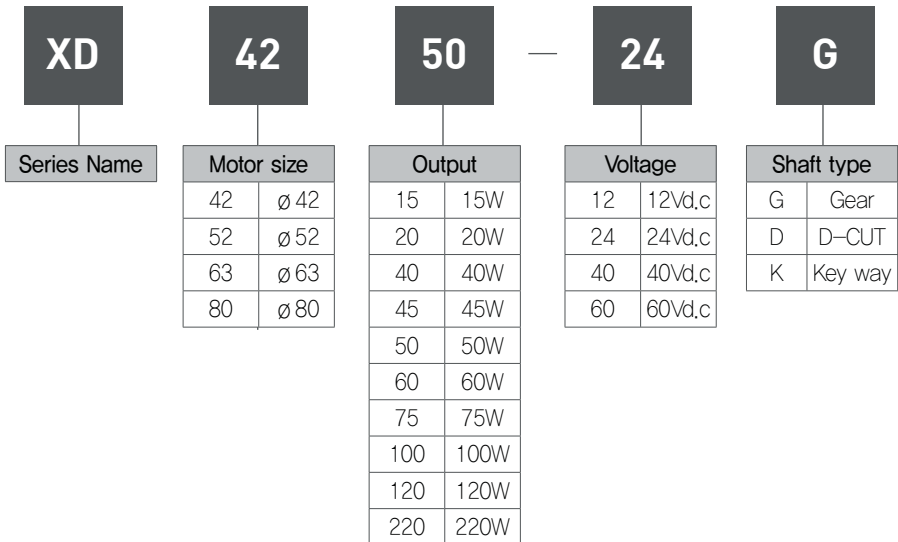


■ XD4215-40 Characteristic diagram, 40Vd.c

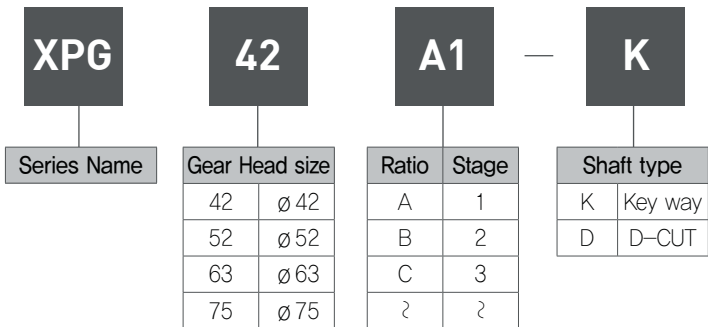


■ CODING SYSTEM

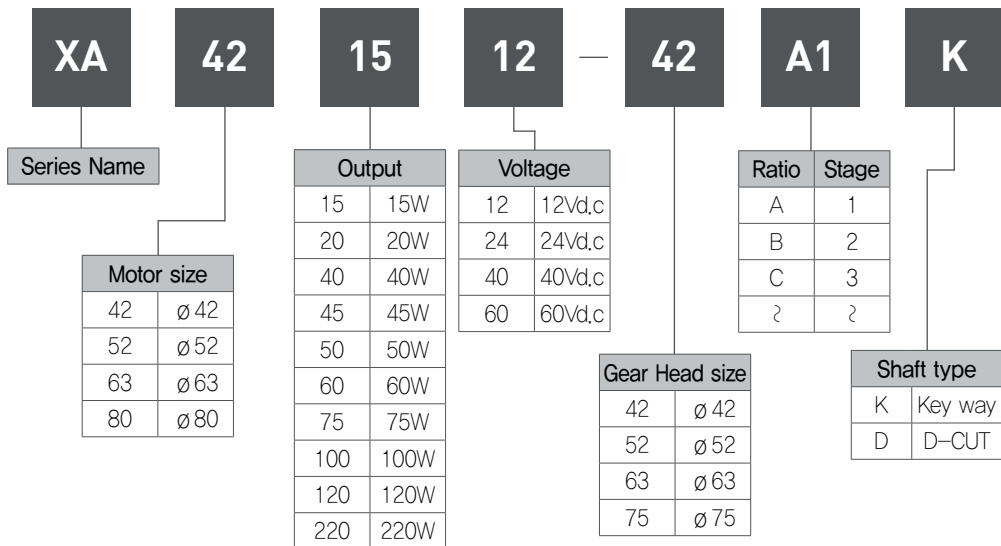
■ DC MOTOR



■ GEAR HEAD



■ DC MOTOR AND GEAR HEAD COMBINATION



XD & XA SERIES

■ XD & XA SERIES



■ STANDARD FEATURE

- Planetary DC Geared motor
 - Compact & Robust design
 - High efficiency
 - Low noise
- All ball bearing
- Protection class : IP40(standard), IP 54(special)
- Insulation class : F Class (155°C)
- Special grease lubrication
- Ratio(i : 1) 3 to 710, other ratios on request
- Brake & Encoder can be added