

DG1 Series Drives—380–500 Volt

PowerXL Series—DG1 Type 1/IP21



| Frame Size | Constant Torque (CT) / High Overload (I_H) | | | Variable Torque (VT) / Low Overload (I_L) | | | Catalog Number |
|------------|--|--------------------|--------------|---|--------------------|--------------|------------------|
| | 400 V, 50 Hz kW Rating | 460 V, 60 Hz hp | Current A | 400 V, 50 Hz kW Rating | 460 V, 60 Hz hp | Current A | |
| FR1 | 0.75 | 1 | 2.2 | 1.1 | 1.5 | 3.3 | DG1-342D2FB-C21C |
| | 1.1 | 1.5 | 3.3 | 1.5 | 2 | 4.3 | DG1-343D3FB-C21C |
| | 1.5 | 2 | 4.3 | 2.2 | 3 | 5.6 | DG1-344D3FB-C21C |
| | 2.2 | 3 | 5.6 | 3 | 5 | 7.6 | DG1-345D6FB-C21C |
| | 3 | 5 | 7.6 | 4 | — | 9 | DG1-347D6FB-C21C |
| | 4 | — | 9 | 5.5 | 7.5 | 12 | DG1-349D0FB-C21C |
| FR2 | 5.5 | 7.5 | 12 | 7.5 | 10 | 16 | DG1-34012FB-C21C |
| | 7.5 | 10 | 16 | 11 | 15 | 23 | DG1-34016FB-C21C |
| | 11 | 15 | 23 | 15 | 20 | 31 | DG1-34023FB-C21C |
| FR3 | 15 | 20 | 31 | 18.5 | 25 | 38 | DG1-34031FB-C21C |
| | 18.5 | 25 | 38 | 22 | 30 | 46 | DG1-34038FB-C21C |
| | 22 | 30 | 46 | 30 | 40 | 61 | DG1-34046FB-C21C |
| FR4 | 30 | 40 | 61 | 37 | 50 | 72 | DG1-34061FN-C21C |
| | 37 | 50 | 72 | 45 | 60 | 87 | DG1-34072FN-C21C |
| | 45 | 60 | 87 | 55 | 75 | 105 | DG1-34087FN-C21C |
| FR5 | 55 | 75 | 105 | 75 | 100 | 140 | DG1-34105FN-C21C |
| | 75 | 100 | 140 | 90 | 125 | 170 | DG1-34140FN-C21C |
| | 90 | 125 | 170 | 110 | 150 | 205 | DG1-34170FN-C21C |
| FR6 ① | 110 | 150 | 205 | 132 | 200 | 261 | DG1-34205FN-C21C |
| | 150 | 200 | 245 | 160 | 250 | 310 | DG1-34245FN-C21C |

PowerXL Series—DG1 Type 12/IP54



| Frame Size | Constant Torque (CT) / High Overload (I_H) | | | Variable Torque (VT) / Low Overload (I_L) | | | Catalog Number |
|------------|--|--------------------|--------------|---|--------------------|--------------|------------------|
| | 400 V, 50 Hz kW Rating | 460 V, 60 Hz hp | Current A | 400 V, 50 Hz kW Rating | 460 V, 60 Hz hp | Current A | |
| FR1 | 0.75 | 1 | 2.2 | 1.1 | 1.5 | 3.3 | DG1-342D2FB-C54C |
| | 1.1 | 1.5 | 3.3 | 1.5 | 2 | 4.3 | DG1-343D3FB-C54C |
| | 1.5 | 2 | 4.3 | 2.2 | 3 | 5.6 | DG1-344D3FB-C54C |
| | 2.2 | 3 | 5.6 | 3 | 5 | 7.6 | DG1-345D6FB-C54C |
| | 3 | 5 | 7.6 | 4 | — | 9 | DG1-347D6FB-C54C |
| | 4 | — | 9 | 5.5 | 7.5 | 12 | DG1-349D0FB-C54C |
| FR2 | 5.5 | 7.5 | 12 | 7.5 | 10 | 16 | DG1-34012FB-C54C |
| | 7.5 | 10 | 16 | 11 | 15 | 23 | DG1-34016FB-C54C |
| | 11 | 15 | 23 | 15 | 20 | 31 | DG1-34023FB-C54C |
| FR3 | 15 | 20 | 31 | 18.5 | 25 | 38 | DG1-34031FB-C54C |
| | 18.5 | 25 | 38 | 22 | 30 | 46 | DG1-34038FB-C54C |
| | 22 | 30 | 46 | 30 | 40 | 61 | DG1-34046FB-C54C |
| FR4 | 30 | 40 | 61 | 37 | 50 | 72 | DG1-34061FN-C54C |
| | 37 | 50 | 72 | 45 | 60 | 87 | DG1-34072FN-C54C |
| | 45 | 60 | 87 | 55 | 75 | 105 | DG1-34087FN-C54C |
| FR5 | 55 | 75 | 105 | 75 | 100 | 140 | DG1-34105FN-C54C |
| | 75 | 100 | 140 | 90 | 125 | 170 | DG1-34140FN-C54C |
| | 90 | 125 | 170 | 110 | 150 | 205 | DG1-34170FN-C54C |
| FR6 ① | 110 | 150 | 205 | 132 | 200 | 261 | DG1-34205FN-C54C |
| | 150 | 200 | 245 | 160 | 250 | 310 | DG1-34245FN-C54C |

Note

① FR6 available in 2016.