

PERFORMANCE DATA

| Frame Size | Full Load Speed | KW | HP | FLC | | Efficiency (%) | | | Power Factor cosF | | | Full Load Torque | DOL Starting Ratio T. C. | | Start Delta Starting Ratio T. C. | | Pull Out Torque ratio | Rotor Inertia (J) WK ² n Kgm ² | Weight kg |
|------------|-----------------|----|----|------|------|----------------|-------|-------|-------------------|-------|-------|------------------|--------------------------|--------------------------------|----------------------------------|--------------------------------|-----------------------|---|-----------|
| | | | | 380V | 400V | FL | 3/4 L | 1/2 L | FL | 3/4 L | 1/2 L | | M _N | M _A /M _N | I _A /I _N | M _A /M _N | | | |

| 2 POLE 3000 RPM | | | | | | | | | | | | | | | | | | | |
|-----------------|------|------|-------|-------|------|------|------|------|------|------|------|-------|-----|-----|------|------|-----|-----------|------|
| DK56-2A | 2820 | 0.09 | 0.12 | 0.29 | 0.29 | 65.0 | 58.0 | 48.0 | 0.73 | 0.67 | 0.55 | 0.305 | 2.1 | 4.5 | - | - | 2.1 | 0.000076 | 3.0 |
| DK56-2B | 2820 | 0.12 | 0.17 | 0.33 | 0.35 | 70.0 | 63.0 | 50.0 | 0.78 | 0.68 | 0.57 | 0.400 | 2.1 | 4.8 | - | - | 2.1 | 0.0000495 | 3.4 |
| DK63-2A | 2760 | 0.18 | 0.25 | 0.55 | 0.55 | 65.0 | 62.0 | 58.0 | 0.80 | 0.69 | 0.57 | 0.623 | 1.9 | 3.8 | - | - | 1.9 | 0.00175 | 3.6 |
| DK63-2B | 2760 | 0.25 | 0.33 | 0.65 | 0.65 | 68.0 | 66.0 | 64.0 | 0.83 | 0.72 | 0.60 | 0.865 | 2.0 | 4.0 | - | - | 2.0 | 0.00235 | 4.2 |
| DK71-2A | 2800 | 0.37 | 0.50 | 1.02 | 1.02 | 68.0 | 66.0 | 63.0 | 0.81 | 0.71 | 0.60 | 1.262 | 1.9 | 4.2 | - | - | 2.0 | 0.000389 | 5.3 |
| DK71-2B | 2820 | 0.55 | 0.75 | 1.40 | 1.40 | 73.0 | 72.0 | 70.0 | 0.82 | 0.73 | 0.58 | 1.863 | 2.1 | 4.7 | - | - | 2.1 | 0.000484 | 6.2 |
| DK80-2A | 2780 | 0.75 | 1.00 | 1.90 | 1.90 | 70.0 | 68.0 | 65.0 | 0.86 | 0.74 | 0.59 | 2.576 | 2.0 | 4.5 | - | - | 2.1 | 0.000829 | 7.9 |
| DK80-2B | 2760 | 1.10 | 1.50 | 2.50 | 2.50 | 77.0 | 75.0 | 71.0 | 0.87 | 0.74 | 0.59 | 3.806 | 2.1 | 5.0 | - | - | 2.1 | 0.001025 | 9.4 |
| DK90S-2 | 2840 | 1.50 | 2.00 | 3.50 | 3.3 | 78.0 | 77.0 | 72.0 | 0.84 | 0.77 | 0.64 | 5.000 | 2.5 | 5.6 | 0.71 | 1.75 | 2.6 | 0.001900 | 13.0 |
| DK90L-2 | 2845 | 2.20 | 3.00 | 4.80 | 4.6 | 82.0 | 81.0 | 75.0 | 0.85 | 0.76 | 0.64 | 7.400 | 2.9 | 6.3 | 0.86 | 1.80 | 3.0 | 0.002100 | 15.5 |
| DK100L-2 | 2895 | 3.00 | 4.00 | 6.30 | 6.0 | 83.0 | 82.0 | 80.0 | 0.87 | 0.78 | 0.66 | 9.900 | 2.5 | 7.0 | 0.80 | 1.95 | 2.9 | 0.005000 | 22.0 |
| DK112M-2 | 2915 | 4.00 | 5.50 | 8.20 | 7.8 | 85.0 | 85.0 | 83.0 | 0.87 | 0.82 | 0.72 | 13.10 | 2.2 | 7.4 | 0.58 | 2.15 | 2.7 | 0.008070 | 31.0 |
| DK132S-2A | 2925 | 5.50 | 7.50 | 11.00 | 10.5 | 85.0 | 84.0 | 80.0 | 0.89 | 0.86 | 0.77 | 18.00 | 2.4 | 7.5 | 0.71 | 2.40 | 2.8 | 0.017000 | 53.0 |
| DK132S-2B | 2925 | 7.50 | 10.00 | 14.00 | 13.8 | 87.0 | 86.0 | 83.0 | 0.90 | 0.87 | 0.79 | 24.50 | 2.5 | 7.7 | 0.69 | 2.20 | 2.8 | 0.020000 | 61.0 |

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|-----------|------|-------|-------|-------|-------|------|------|------|------|------|------|---------|-----|-----|------|------|-----|----------|-----|
| DK160M-2A | 2930 | 11.0 | 15.0 | 20.9 | 19.9 | 89.5 | 89.6 | 88.1 | 0.89 | 0.86 | 0.80 | 35.850 | 2.4 | 6.1 | 0.75 | 3.20 | 2.9 | 0.042000 | 105 |
| DK160M-2B | 2920 | 15.0 | 20.0 | 27.6 | 26.3 | 90.5 | 90.8 | 89.9 | 0.91 | 0.89 | 0.83 | 49.060 | 2.4 | 6.2 | 0.80 | 3.25 | 2.7 | 0.048000 | 120 |
| DK160L-2 | 2930 | 18.5 | 25.0 | 33.8 | 32.2 | 91.0 | 91.3 | 90.5 | 0.91 | 0.89 | 0.84 | 60.300 | 2.8 | 6.5 | 0.90 | 3.45 | 3.0 | 0.059000 | 135 |
| DK180M-2 | 2920 | 22.0 | 30.0 | 42.5 | 40.4 | 89.4 | 89.6 | 88.3 | 0.88 | 0.86 | 0.80 | 71.950 | 2.5 | 6.0 | 0.80 | 3.05 | 2.5 | 0.076000 | 165 |
| DK200L-2A | 2960 | 30.0 | 40.0 | 56.0 | 52.0 | 93.0 | 93.1 | 92.3 | 0.88 | 0.85 | 0.78 | 97.000 | 1.9 | 6.0 | 0.63 | 2.00 | 2.0 | 0.150000 | 245 |
| DK200L-2B | 2960 | 37.0 | 50.0 | 67.0 | 68.0 | 93.8 | 93.9 | 93.4 | 0.89 | 0.86 | 0.80 | 120.000 | 2.2 | 6.7 | 0.73 | 2.23 | 2.0 | 0.180000 | 265 |
| DK225M-2 | 2967 | 45.0 | 60.0 | 81.0 | 72.0 | 94.5 | 94.6 | 93.8 | 0.89 | 0.87 | 0.82 | 145.000 | 2.4 | 7.0 | 0.80 | 2.33 | 2.1 | 0.260000 | 335 |
| DK250M-2 | 2970 | 55.0 | 75.0 | 99.0 | 98.0 | 94.0 | 94.1 | 93.4 | 0.90 | 0.88 | 0.84 | 177.000 | 2.0 | 6.9 | 0.67 | 2.30 | 2.0 | 0.360000 | 420 |
| DK280S-2 | 2973 | 75.0 | 100.0 | 134.0 | 128.0 | 93.5 | 93.0 | 91.0 | 0.90 | 0.86 | 0.79 | 241.000 | 2.1 | 7.5 | 0.70 | 2.50 | 3.0 | 0.760000 | 575 |
| DK280M-2 | 2970 | 90.0 | 125.0 | 159.0 | 152.0 | 94.7 | 94.2 | 93.0 | 0.90 | 0.89 | 0.83 | 290.000 | 2.0 | 7.6 | 0.67 | 2.53 | 3.2 | 0.870000 | 630 |
| DK315S-2 | 2977 | 110.0 | 150.0 | 189.0 | 180.0 | 95.3 | 95.3 | 94.6 | 0.90 | 0.92 | 0.88 | 354.000 | 1.8 | 8.1 | 0.60 | 2.70 | 2.6 | 0.910000 | 690 |
| DK315M-2A | 2975 | 132.0 | 180.0 | 228.0 | 217.0 | 95.4 | 95.4 | 94.8 | 0.90 | 0.90 | 0.86 | 425.000 | 2.0 | 8.5 | 0.67 | 2.83 | 2.7 | 0.980000 | 725 |
| DK315M-2B | 2970 | 160.0 | 217.0 | 277.0 | 264.0 | 95.5 | 95.6 | 95.1 | 0.90 | 0.92 | 0.90 | 515.000 | 2.0 | 8.3 | 0.67 | 2.77 | 2.6 | 1.120000 | 790 |

Technical data are subject to change without notice.