

EHD Components 2005 (Pty) Ltd

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SLG454 ALTERNATORS

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| SLG454 Alternators | | | | | | | | | | | | | | | | |
|---------------------------|------------------------------|--------|--------|--------|--------|--------|--------|--------|------------------|--------|--------|--------|--------|--------|--------|--------|
| Ratings | Winding 312/0.8 Power Factor | | | | | | | | | | | | | | | |
| Duty/Temp Rise/Ambient T° | Cont./125K/40°C | | | | | | | | Standby-150/40°C | | | | | | | |
| Phase | 3 Phase | | | | | | | | | | | | | | | |
| Series Star | 380 | | 400 | | 415 | | 440 | | 380 | | 400 | | 415 | | 440 | |
| Parallel Star | 190 | | 200 | | 208 | | 220 | | 190 | | 200 | | 208 | | 220 | |
| Series Delta | 220 | | 230 | | 240 | | 254 | | 220 | | 230 | | 240 | | 254 | |
| Double Delta | | | | | | | | | | | | | | | | |
| | KVA | KW | KVA | KW | KVA | KW | KVA | KW | KVA | KW | KVA | KW | KVA | KW | KVA | KW |
| SLG454S | 1094.0 | 875.0 | 1125.0 | 900.0 | 1125.0 | 900.0 | 1100.0 | 880.0 | 1137.5 | 910.0 | 1175.0 | 940.0 | 1175.0 | 940.0 | 1145.0 | 916.0 |
| SLG454A | 1225 | 980 | 1260 | 1008 | 1260 | 1008 | 1235 | 988 | 1275 | 1020 | 1315 | 1052 | 1315 | 1052 | 1290 | 1032 |
| SLG454B | 1360.0 | 1088.0 | 1400.0 | 1120.0 | 1400.0 | 1120.0 | 1375.0 | 1100.0 | 1415.0 | 1132.0 | 1460.0 | 1168.0 | 1460.0 | 1168.0 | 1430.0 | 1144.0 |
| SLG454C | 1505.0 | 1204.0 | 1550.0 | 1240.0 | 1550.0 | 1240.0 | 1520.0 | 1216.0 | 1570.0 | 1256.0 | 1615.0 | 1292.0 | 1615.0 | 1292.0 | 1590.0 | 1272.0 |
| SLG454D | 1615.0 | 1292.0 | 1650.0 | 1320.0 | 1650.0 | 1320.0 | 1620.0 | 1296.0 | 1675.0 | 1340.0 | 1720.0 | 1376.0 | 1720.0 | 1376.0 | 1685.0 | 1348.0 |
| SLG454E | 1845 | 1476 | 1900 | 1520 | 1900 | 1520 | 1865 | 1492 | 1920 | 1536 | 1980 | 1584 | 1980 | 1584 | 1940 | 1552 |
| SLG454F | 2020 | 1616 | 2080 | 1664 | 2080 | 1664 | 2040 | 1632 | 2105 | 1684 | 2170 | 1736 | 2170 | 1736 | 2125 | 1700 |
| SLG454G | 2135 | 1708 | 2200 | 1760 | 2200 | 1760 | 2160 | 1728 | 2225 | 1780 | 2295 | 1836 | 2295 | 1836 | 2250 | 1800 |

| Dimension (mm) Single Bearing | | | | | | | |
|-------------------------------|--------|------|--------|-----|------|---|-------------|
| Model | C of G | A | B | C | D | E | Weight (Kg) |
| SLG454S | 710 | 1643 | 778.5 | 365 | 830 | 6 | 2380 |
| SLG454A | 710 | 1643 | 778.5 | 365 | 830 | 6 | 2560 |
| SLG454B | 710 | 1643 | 778.5 | 365 | 830 | 6 | 2760 |
| SLG454C | 750 | 1643 | 778.5 | 365 | 830 | 6 | 3018 |
| SLG454D | 710 | 1793 | 928.5 | 365 | 830 | 6 | 3315 |
| SLG454E | 710 | 1793 | 928.5 | 365 | 830 | 6 | 3556 |
| SLG454F | 825 | 1878 | 1013.5 | 365 | 1000 | 8 | 3840 |
| SLG454G | 850 | 1940 | 1013.5 | 365 | 1000 | 8 | 4054 |

Disclaimer

Manufacturer's names, numbers, symbols, photos and descriptions are used for reference purposes only and it is not implied that the parts referred to are the products of those manufacturers

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Dimension (mm) Double Bearing

| Model | C of G | A | B | C | D | E | Weight (Kg) |
|---------|--------|--------|-------|-------|--------|-----|-------------|
| SLG454S | 625 | 1795 | 708.5 | 433 | 830 | 6.0 | 2560.0 |
| SLG454A | 640 | 1795 | 708.5 | 433 | 830 | 6 | 2710 |
| SLG454B | 640 | 1795 | 708.5 | 433 | 830 | 6 | 2800 |
| SLG454C | 680.0 | 1795.0 | 708.5 | 433 | 830 | 6 | 2967 |
| SLG454D | 710.0 | 1945.0 | 858.5 | 485 | 830 | 6 | 3267 |
| SLG454E | 730 | 1945 | 858.5 | 485 | 830 | 6 | 3506 |
| SLG454F | 735.0 | 2069.0 | 943.5 | 593.0 | 1000.0 | 8.0 | 3807.0 |
| SLG454G | 780.0 | 2132.0 | 943.5 | 593.0 | 1000.0 | 8.0 | 4022.0 |

Flange (mm) Single Bearing

| SAE | R | S | T | W | X | Y |
|---------|------|------|-------|-------|-------|-------|
| 0 | 16.0 | 14.0 | 851.0 | 772.0 | 787.3 | 944.0 |
| 0 | 12.0 | 14.0 | 679.5 | 632.0 | 647.6 | 944.0 |
| 1.0/2.0 | 12.0 | 14.0 | 619.1 | 568.0 | 584.1 | 944.0 |
| 1 | 12.0 | 12.7 | 530.2 | 496.0 | 511.1 | 944.0 |

Flange (mm) Double Bearing

| SAE | R | S | T | W | X | Y |
|-----|----|----|-------|-----|-------|-----|
| 0 | 16 | 14 | 851 | 768 | 787.3 | 882 |
| 0 | 12 | 14 | 679.1 | 620 | 647.6 | 711 |

Disc Coupling (mm)

| SAE | AN | AR | AS | AT | V |
|-----|-------|----|------|-------|-------|
| 14 | 25.4 | 8 | 13.5 | 438.1 | 466.6 |
| 18 | 15.87 | 6 | 16.7 | 543 | 571.4 |
| 21 | 0 | 12 | 16.7 | 641.3 | 673 |
| 24 | 0 | 12 | 20.7 | 692 | 733.3 |

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