

TECHNICAL DATA

DC Motors

Part Numbers for Brushes and Brush Holders

| Motor Type | Speed | Armature Voltage | Brush Dimensions (mm) | Brush | | Brush Holder | |
|------------|-------|------------------|-----------------------|-------------|---------------|--------------|----------------|
| | | | | Part Number | Qty per Motor | Part Number | Qty. per Motor |
| GN71 C/D | 2200 | 12-48 | 8x12.5x16 | 0012 5865 | 2 | 0190 4256 | 1 |
| | 3200 | 24-60 | 8x12.5x16 | 0012 5865 | 2 | 0190 4256 | 1 |
| | 2200 | 60-300 | 6.3x8x16 | 0012 5806 | 2 | 0190 4248 | 1 |
| | 3200 | 72-300 | 6.3x8x16 | 0012 5806 | 2 | 0190 4248 | 1 |
| GN80 K/N | 2200 | 24-80 | 8x12.5x16 | 0012 5865 | 2 | 0190 4256 | 1 |
| | 3200 | 36-60 | 8x12.5x16 | 0012 5865 | 2 | 0190 4256 | 1 |
| | 2200 | 60-100 | 8x12.5x16 | 0012 5822 | 2 | 0190 4256 | 1 |
| | 3200 | 72-140 | 8x12.5x16 | 0012 5822 | 2 | 0190 4256 | 1 |
| | 2200 | 110-300 | 6.3x8x16 | 0012 5806 | 2 | 0190 4248 | 1 |
| | 3200 | 150-300 | 6.3x8x16 | 0012 5806 | 2 | 0190 4248 | 1 |
| GN90S | 2200 | 1-24 | 12.5x20x25 | 0012 5857 | 2 | 0190 8464 | 1 |
| | 3200 | 1-36 | 12.5x20x25 | 0012 5857 | 2 | 0190 8464 | 1 |
| | 2200 | 30-48 | 10x16x22 | 0012 5873 | 2 | 0190 8456 | 1 |
| | 3200 | 48-72 | 10x16x22 | 0012 5873 | 2 | 0190 8456 | 1 |
| | 2200 | 60-72 | 10x16x22 | 0012 5849 | 2 | 0190 8456 | 1 |
| | 3200 | 80-110 | 10x16x22 | 0012 5849 | 2 | 0190 8456 | 1 |
| | 2200 | 80-130 | 8x16x22 | 0012 5814 | 2 | 0190 8448 | 1 |
| | 3200 | 120-180 | 8x16x22 | 0012 5814 | 2 | 0190 8448 | 1 |
| | 2200 | 140-460 | 6.3x12.5x22 | 0012 5830 | 2 | 0190 843X | 1 |
| | 3200 | 190-460 | 6.3x12.5x22 | 0012 5830 | 2 | 0190 843X | 1 |

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Date: 8-8-94
Replaces: New

M-015-01

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|------------|-------|------------------|-----------------------|-------------|---------------|--------------|---------------|
| | | | | Part Number | Qty Per Motor | Part Number | Qty Per Motor |
| GN90L | 2200 | 1-36 | 12.5x20x25 | 0012 5857 | 2 | 0190 8464 | 1 |
| | 3200 | 1-48 | 12.5x20x25 | 0012 5857 | 2 | 0190 8464 | 1 |
| | 2200 | 48-60 | 10x16x22 | 0012 5873 | 2 | 0190 8456 | 1 |
| | 3200 | 60-80 | 10x16x22 | 0012 5873 | 2 | 0190 8456 | 1 |
| | 2200 | 72-80 | 10x16x22 | 0012 5849 | 2 | 0190 8456 | 1 |
| | 3200 | 96-110 | 10x16x22 | 0012 5849 | 2 | 0190 8456 | 1 |
| | 2200 | 96-170 | 8x16x22 | 0012 5814 | 2 | 0190 8448 | 1 |
| | 3200 | 120-240 | 8x16x22 | 0012 5814 | 2 | 0190 8448 | 1 |
| | 2200 | 180-460 | 6.3x12.5x22 | 0012 5830 | 2 | 0190 843X | 1 |
| | 3200 | 260-460 | 6.3x12.5x22 | 0012 5830 | 2 | 0190 843X | 1 |
| GN100LS | 2200 | 1-48 | 12.5x20x25 | 0012 5857 | 2 | 0190 8464 | 1 |
| | 3200 | 1-60 | 12.5x20x25 | 0012 5857 | 2 | 0190 8464 | 1 |
| | 2200 | 60-80 | 10x16x22 | 0012 5873 | 2 | 0190 8454 | 1 |
| | 3200 | 72-110 | 10x16x22 | 0012 5873 | 2 | 0190 8454 | 1 |
| | 2200 | 96-100 | 10x16x22 | 0012 5849 | 2 | 0190 8454 | 1 |
| | 3200 | 120-140 | 10x16x22 | 0012 5849 | 2 | 0190 8454 | 1 |
| | 2200 | 110-170 | 8x16x22 | 0012 5814 | 2 | 0190 8448 | 1 |
| | 3200 | 150-240 | 8x16x22 | 0012 5814 | 2 | 0190 8448 | 1 |
| | 2200 | 180-460 | 6.3x12.5x22 | 0012 5830 | 2 | 0190 843X | 1 |
| | 3200 | 260-460 | 6.3x12.5x22 | 0012 5830 | 2 | 0190 843X | 1 |

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|------------|-------|------------------|-----------------------|-------------|---------------|---------------------|---------------|
| | | | | Part Number | Qty Per Motor | Part Number | Qty Per Motor |
| GN100L | 2200 | 1-60 | 12.5x20x25 | 0012 5857 | 2 | 0190 8464 | 1 |
| | 3200 | 1-80 | 12.5x20x25 | 0012 5857 | 2 | 0190 8464 | 1 |
| | 2200 | 72-80 | 10x16x22 | 0012 5873 | 2 | 0190 8456 | 1 |
| | 3200 | 96-110 | 10x16x22 | 0012 5873 | 2 | 0190 8456 | 1 |
| | 2200 | 96-100 | 10x16x22 | 0012 5849 | 2 | 0190 8456 | 1 |
| | 3200 | 120-240 | 10x16x22 | 0012 5849 | 2 | 0190 8456 | 1 |
| | 2200 | 110-240 | 8x16x22 | 0012 5814 | 2 | 0190 8448 | 1 |
| | 3200 | 150-360 | 8x16x22 | 0012 5814 | 2 | 0190 8448 | 1 |
| | 2200 | 260-460 | 6.3x12.5x22 | 0012 5830 | 2 | 0190 843X | 1 |
| | 3200 | 380-460 | 6.3x12.5x22 | 0012 5830 | 2 | 0190 843X | 1 |
| GN112M | 2200 | 110-460 | 6.3x16x32 | 0012 6012 | 4 | 0190 4000 | 1 |
| | 3200 | 170-460 | 6.3x16x32 | 0012 6012 | 4 | 0190 4000 | 1 |
| GN132S | 2200 | 170-460 | 6.3x16x32 | 0012 6012 | 4 | 0190 4000 | 1 |
| | 3200 | 260-460 | 6.3x13x32 | 0012 6012 | 4 | 0190 4000 | 1 |
| GN132M | 2400 | 150-200 | 8x12.5x32 | 0012 6098 | 8 | 0012 5903 | 1 |
| | 2400 | 210-460 | 8x20x32 | 0012 6039 | 4 | 0012 5768 | 1 |
| GN160M | 2400 | 180-300 | 8x12.5x32 | 0012 6098 | 8 | 0012 5903 | 1 |
| | 2400 | 320-460 | 8x20x32 | 0012 6039 | 4 | 0012 5768 | 1 |
| GN180M | 2200 | 1-460 | 8x16x40 | 0012 6063 | 8 | No Longer Available | 1 |

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|---------------------|----------------------|-----------------|-------------|---------------|--------------|---------------|
| | | | Part Number | Qty Per Motor | Part Number | Qty Per Motor |
| GVN112M-GVN132S | < 8 | 8x12.5x32 | 0012 5717 | 4 | 0190 4515 | 1 |
| | 8.1-19.9 | 8x12.5x32 | 0012 6098 | 4 | 0190 4515 | 1 |
| GT/GV112M-GT/GV132S | 20-31 | 8x16x32 | 0012 6101 | 4 | 0190 4574 | 1 |
| GVN132M-GVN160M | < 10 | 10x12.5x32 | 0012 5938 | 4 | 0190 5104 | 1 |
| | 10.1-25 | 10x12.5x32 | 0012 6004 | 4 | 0190 5104 | 1 |
| GV132M-GV160M | 25.1-36 | 10x16x32 | 0012 5733 | 4 | 0190 6550 | 1 |

Consult SEW-Germany regarding replacement parts for motors not listed in these tables that have a .24 in the model number, i.e., GSV132.24S.

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