

COMPARISON REPORT for Distributor EVG

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| NMB FAN Proposal |
| 08020SA-12M-ET-00 3108NL-04W-B59-P50 (EOL) |

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| 1 | Comparison in OVERVIEW |
| 1.1 | Dimension and Part Number Definition |
| 1.2 | Power Consumption |
| 1.3 | Performance Check |
| 1.4 | Tachometer Signal |

1.1 DIMENSION and PART NUMBER DEFINITION

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|------------|-----------|--|----------------|---|--------------|---|---|---|
| 080 | 20 | SA | 12 | M | E | T | 00 | |
| 80mm | 20mm | S: Series A: Ball Bearing SA Series in replacement NL as EOL | Voltage of 12V | Speed M is equivalent to 5 of old part number system see chapter 1.3 | Flange Type | Output Signal : Tacho Constant Speed | Individual Specification 00 means standard | |
| 31 | 08 | NL | 04 | W | B | 59 | P | 50 |
| 80mm | 20mm | NL Series Correspond SA Series L: 2 Phase Brushless Type DCM | 04: 12V | Lead Type | Ball Bearing | Speed: 5 (1<2<3<4<5) 9 : Sensor Control Function | Standard Model Flange Type | Individual Specification: 50 Tachometer Signal |

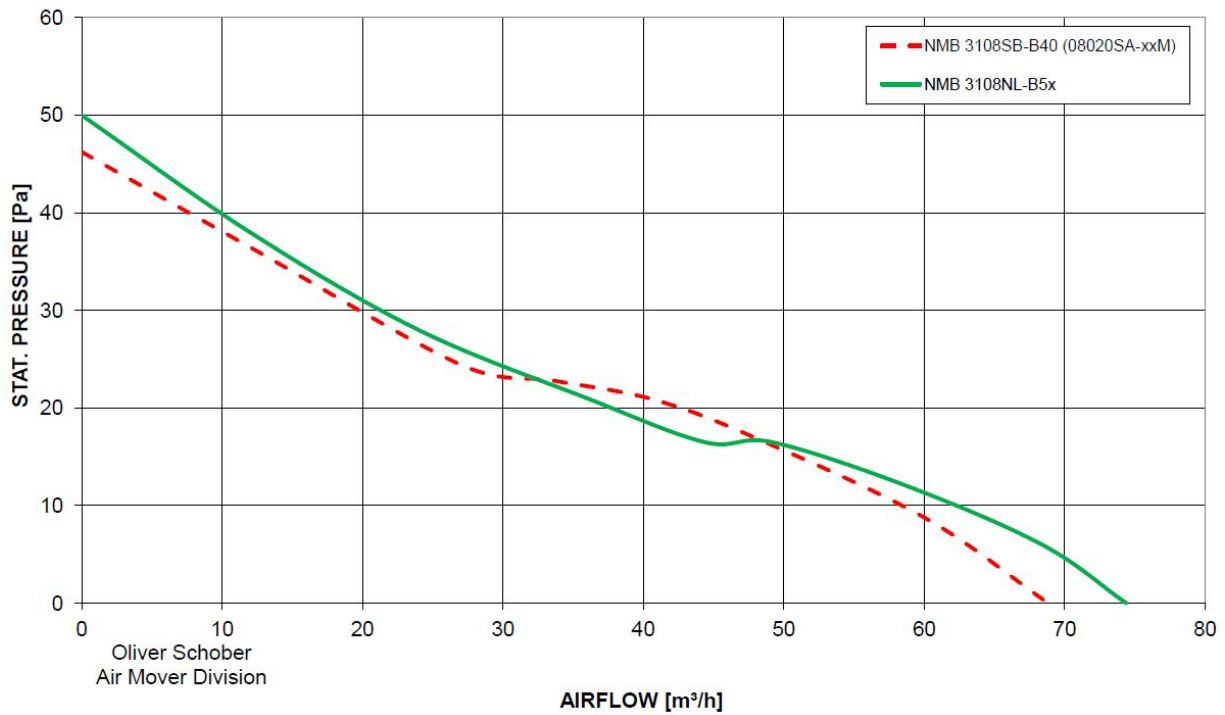
1.2 POWER CONSUMPTION

| Model | Speed(rp m) | Noise[dB A] | Rated Voltage [VAC] | Current[A] | Power(W) |
|--------------------|-------------|-------------|---------------------|------------|----------|
| 08020SA-12M-ET-00 | 3700 | 37,5 | 12 | 0,13 | 1,56 |
| 3108NL-04W-B59-P50 | 3400 | 38 | 12 | 0,22 | 2,64 |

1.3 Performance Check

| Model | Max. Airflow (m3/min) | Max. Airflow (m3/h) | Max. Static Pressure (Pa) |
|--------------------|-----------------------|---------------------|---------------------------|
| 08020SA-12P-ET-00 | 1,14 | 68,4 | 46,2 |
| 3108NL-04W-B59-P50 | 1,2 | 73,8 | 49,8 |

NMB 3108NL-B5x vs 3108SB (08020SA-xxM)



1.4 TACHOMETER SIGNAL

回転信号 (TACHOMETER SIGNAL)

1. 出力回路：オープンコレクタ (OUTPUT CIRCUIT : OPEN COLLECTOR)
2. 仕様 (SPECIFICATION)

絶対最大定格 $T_a=25^\circ\text{C}$

Absolute Maximum Ratings at $T_a=25^\circ\text{C}$

$V_{CE\ max}$: +15V

$I_C\ max$: 5mA [$V_{CE\ (sat)\ max}$ = 0.5V]

