

# ROXXY BL Outrunner 2827/26

14 poliger BL-Aussenläufermotor  
Artikel-Nr. 1-477926

Brushless Motoren mit Neodym Magneten sind modernste Elektro-Antriebe. Besonders mit Außenläufer-Motoren, die kein Getriebe benötigen, stehen drehmomentstarke Motoren mit hohem Wirkungsgrad über ein weites Leistungsspektrum zur Verfügung.

Auf Grund ihrer Bauart können Aussenläufer Motoren, ohne Getriebe, große Luftschrauben antreiben. Damit ideal für den Direktantrieb.

- Hoher Wirkungsgrad durch maximalen Kupferfüllungsgrad und Verwendung hochwertiger Neodym-Magnete.
- Leichter Lauf durch große Präzisions-Kugellager.
- Beidseitig Montage möglich.

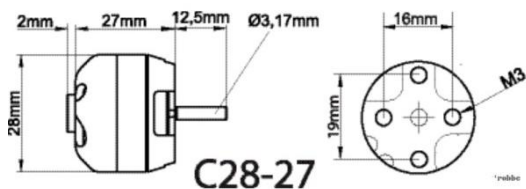
## **Anwendung:**

E-Segler bis 800 g  
Scale und Sport bis 600 g  
Kunstflug und 3D bis 400 g



## **Technische Daten:**

Abmessungen:  $\varnothing$  28 x 29 mm  
Gewicht ca.: 57 g  
Umdrehung / Volt: 930  
Spannung: 7-12 Volt (2 – 3S LiPo)



**Propellerdaten:**

| <b>Li-Zellen</b> | <b>Imax (5min)</b> | <b>Propeller</b>            | <b>Wirkungsgrad</b> | <b>U/min</b> | <b>Laststrom</b> | <b>Schub</b> |
|------------------|--------------------|-----------------------------|---------------------|--------------|------------------|--------------|
| 3                | 10 A               | 7,0 x 5,0 APC-E             | 78%                 | 8.526        | 4,6 A            | 495 g        |
| 3                | 13 A               | 7,0 x 6,0 AeroCarbon        | 74%                 | 10.628       | 8 A              | 317 g        |
| 3                | 10 A               | 7,0 x 7,0 Aeronaut E-Prop   | 78%                 | 8.161        | 5,7 A            | 367 g        |
| 3                | 10 A               | 8,0 x 4,0 APC-E             | 78%                 | 8.025        | 6,1 A            | 578 g        |
| 3                | 13 A               | 8,0 x 4,0 GWS-HD            | 74%                 | 10.109       | 9,2 A            | 558 g        |
| 3                | 13 A               | 8,0 x 4,3 GWS-RS            | 74%                 | 9.693        | 10,2 A           | 684 g        |
| 3                | 13 A               | 8,0 x 5,0 AeroCAM           | 74%                 | 9.326        | 11,1 A           | 535 g        |
| 3                | 13 A               | 8,0 x 5,0 AeroCarbon        | 74%                 | 9.225        | 11,3 A           | 424 g        |
| 3                | 10 A               | 8,5 x 5,0 Aeronaut E-Prop   | 78%                 | 8.157        | 5,7 A            | 571 g        |
| 3                | 13 A               | 9,0 x 5,0 AeroCarbon        | 74%                 | 9.336        | 11,1 A           | 642 g        |
| 3                | 13 A               | 7,0 x 3,3 STO               | 74%                 | 10.810       | 7,6 A            | 485 g        |
| 3                | 13 A               | 8,0 x 3,3 STO               | 74%                 | 10.030       | 9,4 A            | 606 g        |
| 3                | 13 A               | 7,0 x 6,0 AeroCarbon 55mm   | 74%                 | 9.473        | 10,7 A           | 303 g        |
| 3                | 13 A               | 6,0 x 5,3 Günther           | 74%                 | 10.186       | 9,1 A            | 349 g        |
| 3                | 10 A               | 8,5 x 6,0 Aeronaut E-Prop   | 78%                 | 7.726        | 7,1 A            | 436 g        |
| 3                | 10 A               | 9,0 x 4,5 APC-E             | 78%                 | 7.523        | 7,7 A            | 331 g        |
| 3                | 10 A               | 7,0 x 5,0 APC-SF            | 78%                 | 8.415        | 4,9 A            | 330 g        |
| 3                | 10 A               | 7,0 x 6,0 APC-SF            | 78%                 | 8.091        | 5,9 A            | 335 g        |
| 3                | 10 A               | 7,0 x 6,0 GWS-RS            | 78%                 | 7.877        | 6,6 A            | 363 g        |
| 3                | 10 A               | 7,0 x 6,0 APC-E             | 78%                 | 8.058        | 6 A              | 265 g        |
| 3                | 10 A               | 8,0 x 3,8 APC-SF            | 78%                 | 8.007        | 6,2 A            | 503 g        |
| 2                | 10 A               | 8,0 x 6,0 APC-E             | 77%                 | 5.323        | 4,6 A            | 421 g        |
| 3                | 10 A               | 8,0 x 4,0 GWS-HD            | 78%                 | 8.437        | 4,8 A            | 381 g        |
| 3                | 10 A               | 8,0 x 4,3 GWS-RS            | 78%                 | 8.222        | 5,5 A            | 494 g        |
| 3                | 10 A               | 8,0 x 5,0 AeroCAM           | 78%                 | 8.023        | 6,1 A            | 396 g        |
| 3                | 10 A               | 8,0 x 5,0 AeroCarbon        | 78%                 | 7.966        | 6,3 A            | 316 g        |
| 2                | 10 A               | 8,0 x 8,0 APC-E             | 77%                 | 5.060        | 5,6 A            | 415 g        |
| 2                | 10 A               | 8,5 x 6,0 Aeronaut E-Prop   | 77%                 | 5.544        | 3,8 A            | 426 g        |
| 2                | 10 A               | 8,5 x 7,0 Aeronaut E-Prop   | 77%                 | 5.308        | 4,7 A            | 551 g        |
| 3                | 10 A               | 9,0 x 5,0 AeroCarbon        | 78%                 | 8.028        | 6,1 A            | 475 g        |
| 3                | 10 A               | 9,0 x 5,0 GWS-HD            | 78%                 | 7.580        | 7,5 A            | 577 g        |
| 3                | 10 A               | 8,0 x 3,3 STO               | 78%                 | 8.397        | 5 A              | 425 g        |
| 3                | 10 A               | 7,0 x 6,0 AeroCarbon 55mm   | 78%                 | 8.104        | 5,9 A            | 221 g        |
| 3                | 10 A               | 8,0 x 4,5 Graupner CAM 45mm | 78%                 | 8.270        | 5,4 A            | 392 g        |
| 3                | 10 A               | 6,0 x 5,3 Günther           | 78%                 | 8.476        | 4,7 A            | 242 g        |
| 2                | 10 A               | 9,0 x 4,5 APC-E             | 77%                 | 5.440        | 4,2 A            | 321 g        |
| 2                | 10 A               | 9,0 x 7,5 APC-E             | 77%                 | 4.813        | 6,5 A            | 209 g        |
| 2                | 10 A               | 8,0 x 6,0 APC-SF            | 77%                 | 5.083        | 5,5 A            | 249 g        |
| 2                | 10 A               | 8,0 x 6,0 Graupner Slim     | 77%                 | 5.409        | 4,3 A            | 212 g        |
| 2                | 10 A               | 8,0 x 6,0 GWS-RS            | 77%                 | 5.325        | 4,6 A            | 232 g        |
| 2                | 10 A               | 9,0 x 9,0 APC-E             | 77%                 | 4.562        | 7,4 A            | 209 g        |

| <b>Li-Zellen</b> | <b>Imax (5min)</b> | <b>Propeller</b>           | <b>Wirkungsgrad</b> | <b>U/min</b> | <b>Laststrom</b> | <b>Schub</b> |
|------------------|--------------------|----------------------------|---------------------|--------------|------------------|--------------|
| 2                | 10 A               | 9,5 x 5,0 Aeronaut E-Prop  | 77%                 | 5.223        | 5 A              | 219 g        |
| 2                | 10 A               | 9,5 x 6,0 Aeronaut E-Prop  | 77%                 | 5.173        | 5,2 A            | 231 g        |
| 2                | 10 A               | 9,0 x 3,8 APC-SF           | 77%                 | 5.397        | 4,4 A            | 301 g        |
| 2                | 10 A               | 9,5 x 7,0 Aeronaut E-Prop  | 77%                 | 4.961        | 6 A              | 275 g        |
| 2                | 10 A               | 9,0 x 4,7 APC-SF           | 77%                 | 5.278        | 4,8 A            | 311 g        |
| 2                | 10 A               | 9,0 x 4,7 GWS-RS           | 77%                 | 5.290        | 4,8 A            | 315 g        |
| 2                | 10 A               | 9,0 x 5,0 AeroCAM          | 77%                 | 5.403        | 4,3 A            | 266 g        |
| 2                | 10 A               | 9,0 x 5,0 GWS-HD           | 77%                 | 5.470        | 4,1 A            | 292 g        |
| 2                | 10 A               | 9,0 x 6,0 Graupner Slim    | 77%                 | 4.795        | 6,6 A            | 278 g        |
| 2                | 10 A               | 9,0 x 6,5 AeroCarbon       | 77%                 | 5.003        | 5,8 A            | 220 g        |
| 2                | 10 A               | 9,0 x 7,0 GWS-RS           | 77%                 | 4.838        | 6,4 A            | 361 g        |
| 2                | 10 A               | 9,0 x 7,0 GWS RS3-Blade    | 77%                 | 4.615        | 7,2 A            | 343 g        |
| 2                | 10 A               | 10,0 x 5,0 APC-E           | 77%                 | 5.086        | 5,5 A            | 270 g        |
| 2                | 10 A               | 9,0 x 7,5 APC-SF           | 77%                 | 4.451        | 7,8 A            | 320 g        |
| 2                | 10 A               | 9,0 x 8,0 APC-Sport        | 77%                 | 4.918        | 6,1 A            | 269 g        |
| 2                | 10 A               | 10,0 x 6,0 Aeronaut E-Prop | 77%                 | 4.995        | 5,8 A            | 266 g        |
| 2                | 10 A               | 9,5 x 5,0 AeroCAM          | 77%                 | 5.205        | 5,1 A            | 295 g        |
| 2                | 10 A               | 9,5 x 5,0 AeroCarbon       | 77%                 | 5.351        | 4,5 A            | 253 g        |
| 2                | 10 A               | 10,0 x 7,0 Aeronaut E-Prop | 77%                 | 4.768        | 6,7 A            | 323 g        |
| 2                | 10 A               | 10,0 x 7,0 APC-E           | 77%                 | 4.716        | 6,8 A            | 290 g        |
| 2                | 10 A               | 10,0 x 8,0 Aeronaut E-Prop | 77%                 | 4.421        | 7,9 A            | 300 g        |
| 2                | 10 A               | 10,0 x 4,7 APC-SF          | 77%                 | 4.669        | 7 A              | 396 g        |
| 2                | 10 A               | 10,0 x 4,7 GWS-RS          | 77%                 | 4.662        | 7 A              | 399 g        |
| 2                | 10 A               | 10,5 x 6,0 Aeronaut E-Prop | 77%                 | 4.712        | 6,9 A            | 343 g        |
| 2                | 10 A               | 10,0 x 5,0 APC-Sport       | 77%                 | 4.983        | 5,9 A            | 381 g        |
| 2                | 10 A               | 10,0 x 6,0 AeroCAM         | 77%                 | 5.123        | 5,4 A            | 383 g        |
| 2                | 10 A               | 10,5 x 7,0 Aeronaut E-Prop | 77%                 | 4.654        | 7,1 A            | 340 g        |
| 2                | 10 A               | 10,0 x 6,0 APC-Sport       | 77%                 | 4.894        | 6,2 A            | 358 g        |
| 2                | 10 A               | 10,0 x 7,0 AeroCarbon      | 77%                 | 4.790        | 6,6 A            | 326 g        |
| 2                | 10 A               | 10,5 x 8,0 Aeronaut E-Prop | 77%                 | 4.536        | 7,5 A            | 257 g        |
| 2                | 10 A               | 11,0 x 5,5 APC-E           | 77%                 | 4.656        | 7,1 A            | 338 g        |
| 2                | 10 A               | 10,0 x 7,0 APC-Sport       | 77%                 | 4.744        | 6,7 A            | 345 g        |
| 2                | 10 A               | 10,0 x 8,0 AeroCAM         | 77%                 | 4.631        | 7,2 A            | 379 g        |
| 2                | 10 A               | 11,0 x 7,0 APC-E           | 77%                 | 4.412        | 8 A              | 340 g        |
| 2                | 10 A               | 10,0 x 8,0 APC-Sport       | 77%                 | 4.558        | 7,4 A            | 337 g        |
| 2                | 10 A               | 10,0 x 8,0 GWS-RS          | 77%                 | 4.456        | 7,8 A            | 460 g        |
| 2                | 10 A               | 10,0 x 9,0 APC-Sport       | 77%                 | 4.336        | 8,2 A            | 331 g        |
| 2                | 10 A               | 10,5 x 6,0 AeroCarbon      | 77%                 | 4.655        | 7,1 A            | 301 g        |
| 2                | 10 A               | 11,0 x 8,0 APC-E           | 77%                 | 4.233        | 8,6 A            | 390 g        |
| 2                | 10 A               | 11,0 x 8,5 APC-E           | 77%                 | 4.365        | 8,1 A            | 367 g        |
| 2                | 10 A               | 13,0 x 4,0 APC-E           | 77%                 | 4.411        | 8 A              | 351 g        |

| <b>Li-Zellen</b> | <b>I<sub>max</sub><br/>(5min)</b> | <b>Propeller</b>          | <b>Wirkungs-<br/>grad</b> | <b>U/min</b> | <b>Laststrom</b> | <b>Schub</b> |
|------------------|-----------------------------------|---------------------------|---------------------------|--------------|------------------|--------------|
| 2                | 10 A                              | 11,0 x 3,8 APC-SF         | 77%                       | 4.532        | 7,5 A            | 402 g        |
| 2                | 10 A                              | 11,0 x 4,0 Graupner CAM   | 77%                       | 5.068        | 5,6 A            | 361 g        |
| 2                | 10 A                              | 11,0 x 4,7 APC-SF         | 77%                       | 4.465        | 7,8 A            | 481 g        |
| 2                | 10 A                              | 11,0 x 4,7 GWS-RS         | 77%                       | 4.282        | 8,4 A            | 456 g        |
| 2                | 10 A                              | 9,0 x 5,0 Aeronaut E-Prop | 77%                       | 5.100        | 5,4 A            | 403 g        |
| 2                | 10 A                              | 11,0 x 6,0 APC-Sport      | 77%                       | 4.502        | 7,6 A            | 452 g        |
| 2                | 10 A                              | 11,0 x 6,5 AeroCarbon     | 77%                       | 4.464        | 7,8 A            | 341 g        |
| 2                | 10 A                              | 11,0 x 7,0 AeroCAM        | 77%                       | 4.426        | 7,9 A            | 436 g        |
| 2                | 10 A                              | 12,0 x 6,0 APC-E          | 77%                       | 4.306        | 8,3 A            | 398 g        |
| 2                | 10 A                              | 11,0 x 7,0 APC-Sport      | 77%                       | 4.180        | 8,8 A            | 429 g        |
| 2                | 10 A                              | 11,0 x 8,0 AeroCAM        | 77%                       | 4.405        | 8 A              | 472 g        |
| 2                | 10 A                              | 9,0 x 6,0 APC-E           | 77%                       | 5.148        | 5,3 A            | 403 g        |
| 2                | 10 A                              | 11,0 x 8,0 APC-Sport      | 77%                       | 4.134        | 9 A              | 402 g        |