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| [http://www.robotcombat.com/products/images/store_vexmotor.jpg](http://www.robotcombat.com/products/images/store_vexmotor_lg.jpg) | |  | | --- | | **VEX Robotics Continuous Rotation Motor Kit** Part# VEX-276-2163 | |  | | |  |  | | --- | --- | |  |  | | |
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  | | --- | |  | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | http://www.robotcombat.com/products/img/blank.gif | |  |  | | --- | --- | | Technical Info | | | Free Speed | 100 rmp at 7.5V | | Stall Torque | 6.5 in-lbs. | | Min/Max Voltage | 4.4 - 15V (Motor life will be reduced operating outside the VEX Controller range of 5.5 - 9.0V) | | PWM Input | 1ms - 2ms will give full reverse to full forward; 1.5ms is neutral | | Nominal Dead Band | 1.47ms - 1.55ms | | Weight | 0.21 lbs. | | Wiring | Black - ground; Orange - (+) power; White - PWM motor control signal | | Current Draw | 5mA to about 1 Amp. at stall per Motor | | List of Contents | | | 1 | VEX Continuous Rotation Motor | | 1 | VEX motor gear set (4 total gears, 1 replacement for each gear inside) | | 2 | 6-32 x 1/4in. Screws | | 2 | 6-32 x 1/2in. Screws | | 1 | Clutch Post | | | | | |