



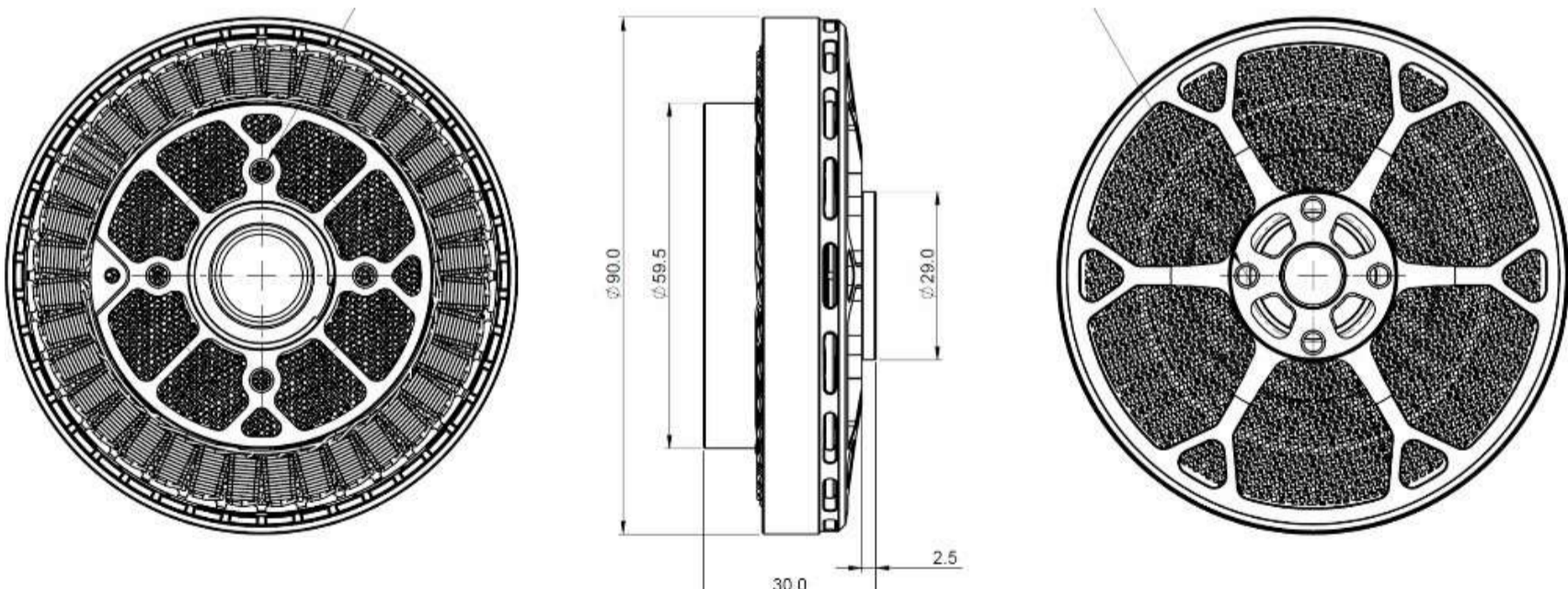
# ADM9

## NDAA Compliant Propulsion for Next Generation UAVs

### A Propulsion Platform Built for UAV Innovators

As unmanned aerial systems continue to expand into critical roles — including defense, commercial inspection, security operations, industrial logistics, and advanced autonomous missions — the demand for propulsion systems that deliver **precision, reliability, and customization** has never been greater.

The new PMW Dynamics **Advanced Drone Motor (ADM9)** was created specifically for high-performance UAV platforms that require a ready-to-go, off-the-shelf motor that is fully NDAA Compliant. From materials to electromagnetic design, the ADM platform is designed, manufactured and assembled in PMW Dynamics' facility in the UK.



### Performance Designed for Modern UAV Requirements

The ADM9 delivers a carefully optimized combination of torque, efficiency, responsiveness, and compact form factor. Key baseline specifications include:

- **Peak Torque:** 2.6 Nm
- **Peak Speed @ Peak Torque:** 3,750 RPM
- **Rated Voltage:** 48 V DC
- **Outer Diameter:** 90 mm
- **Overall Height:** 30 mm
- **KV :** 100

## NDAA Compliant, Assured Quality, Controlled Manufacturing, Reliable Delivery

To support UAV programs where supply assurance and traceability are essential, ADM components are built under strictly controlled production processes with complete visibility into design, sourcing, and testing. Our vertically managed workflow ensures reliability from prototype through full-scale production and provides the consistent performance required for critical UAV missions.

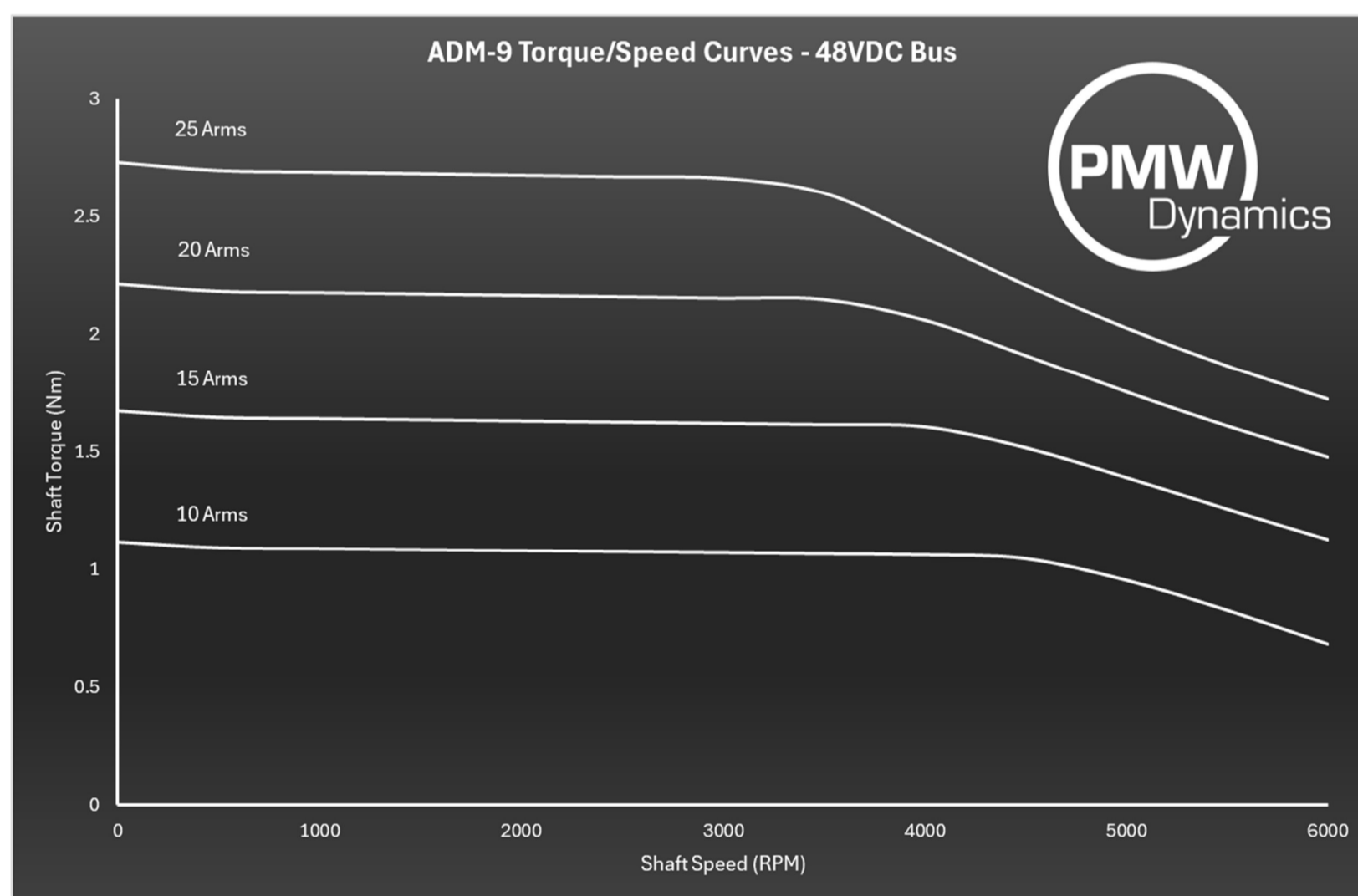
### Let's Build the Motor Your UAV Actually Needs

PMW Dynamics also invites UAV manufacturers, aerospace developers, and system integrators to engage with our Engineers and explore how the **ADM platform can be configured specifically for your platform.**

Whether you need to optimise power density, efficiency, durability, thermal performance, or unique mechanical integration, we are ready to engineer your ideal propulsion solution.

- Power and Torque Characteristics
- Winding and Voltage Configurations
- Weight and Dimensional Constraints
- Cooling Strategies
- Environmental Sealing and Durability Levels
- Integration Interfaces and Mounting Provisions

This flexibility allows you to design your UAV around **optimal performance**, not supplier limitations.



For technical specifications, engineering collaboration, or application support, contact PMW Dynamics today.

ADM is designed and manufactured by PMW Dynamics in the UK and is available worldwide via our extensive distribution network

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Contents subject to change without notice. Please contact PMW Dynamics to confirm specific performance and/or physical properties that are critical for your application