

# KDE6815XF-205 KDE DIRECT UAS BRUSHLESS MOTOR PRODUCTION RELEASE



## Specifications:

### Custom Performance Stator/Windings:

- Target Kv: 205 RPM/V
- Target Rm: < 0.047 Ohm
- Target Io: < 2.0 A (10V)

- Ø 10mm Core Shaft
- Shaft Flush with Front Cover

- 6900-2RS Upper Bearing (Ø 10mm x Ø 22mm x 6mm)
- Double Upper Radial Ball Bearing
- 6000-2RS Lower Bearing (Ø 10mm x Ø 26mm x 8mm)
- Single Upper Radial Ball Bearing
- All Bearings NSK-BRAND, HPS Series (if Available)

- ### Triple 90° Pattern Threads:
- M6 Threads x Ø 70mm Spacing
  - M5 Threads x Ø 70mm Spacing
  - M5 Threads x Ø 55mm Spacing

- ### Double 90° Pattern Threads:
- M3 Threads x Ø 20mm Spacing
  - M3 Threads x Ø 12mm Spacing

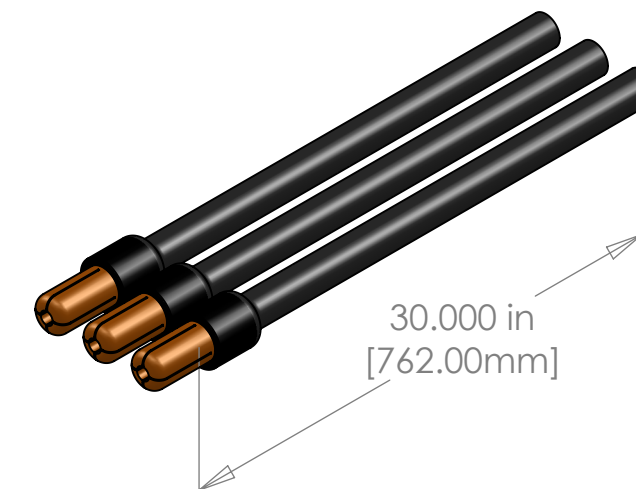
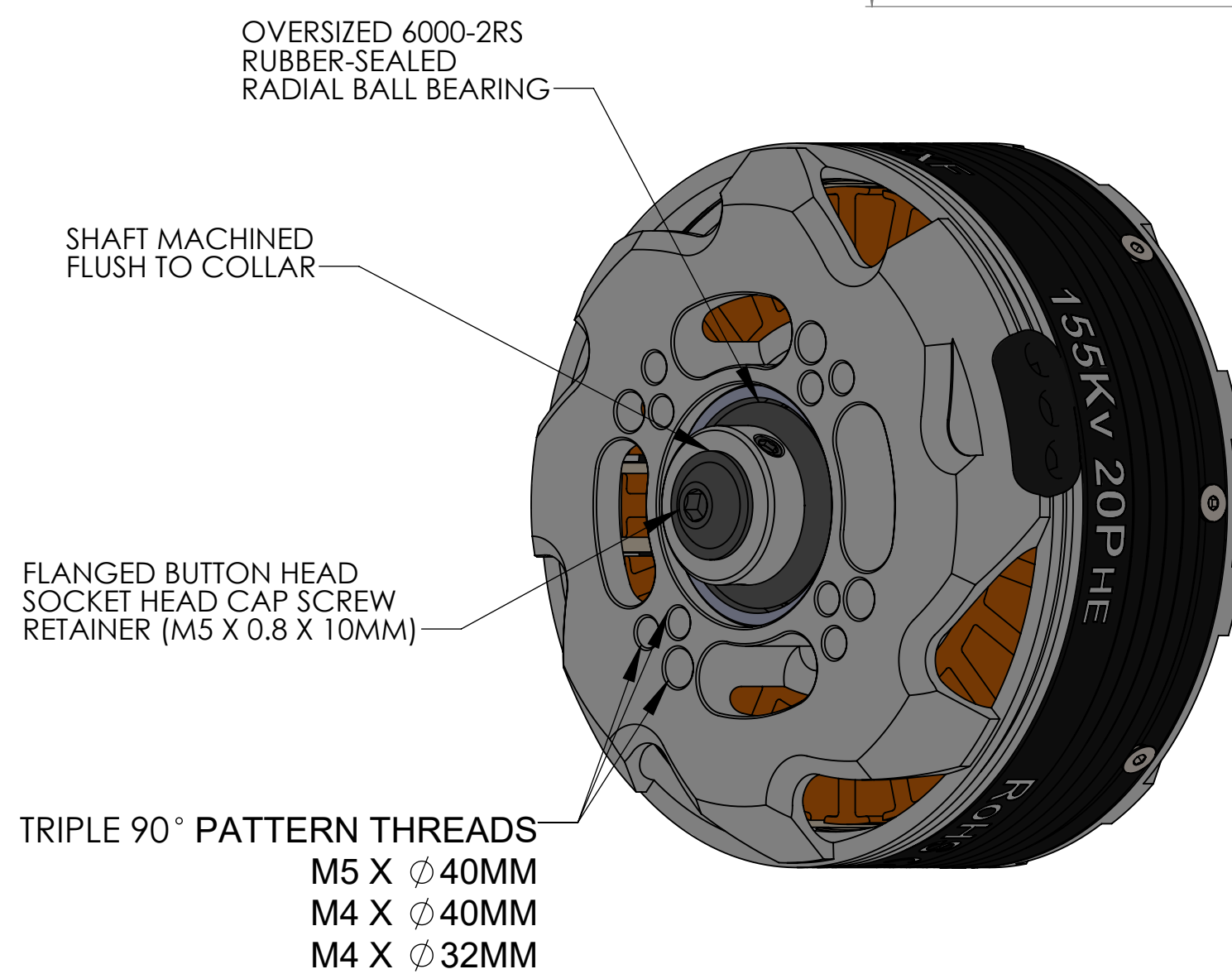
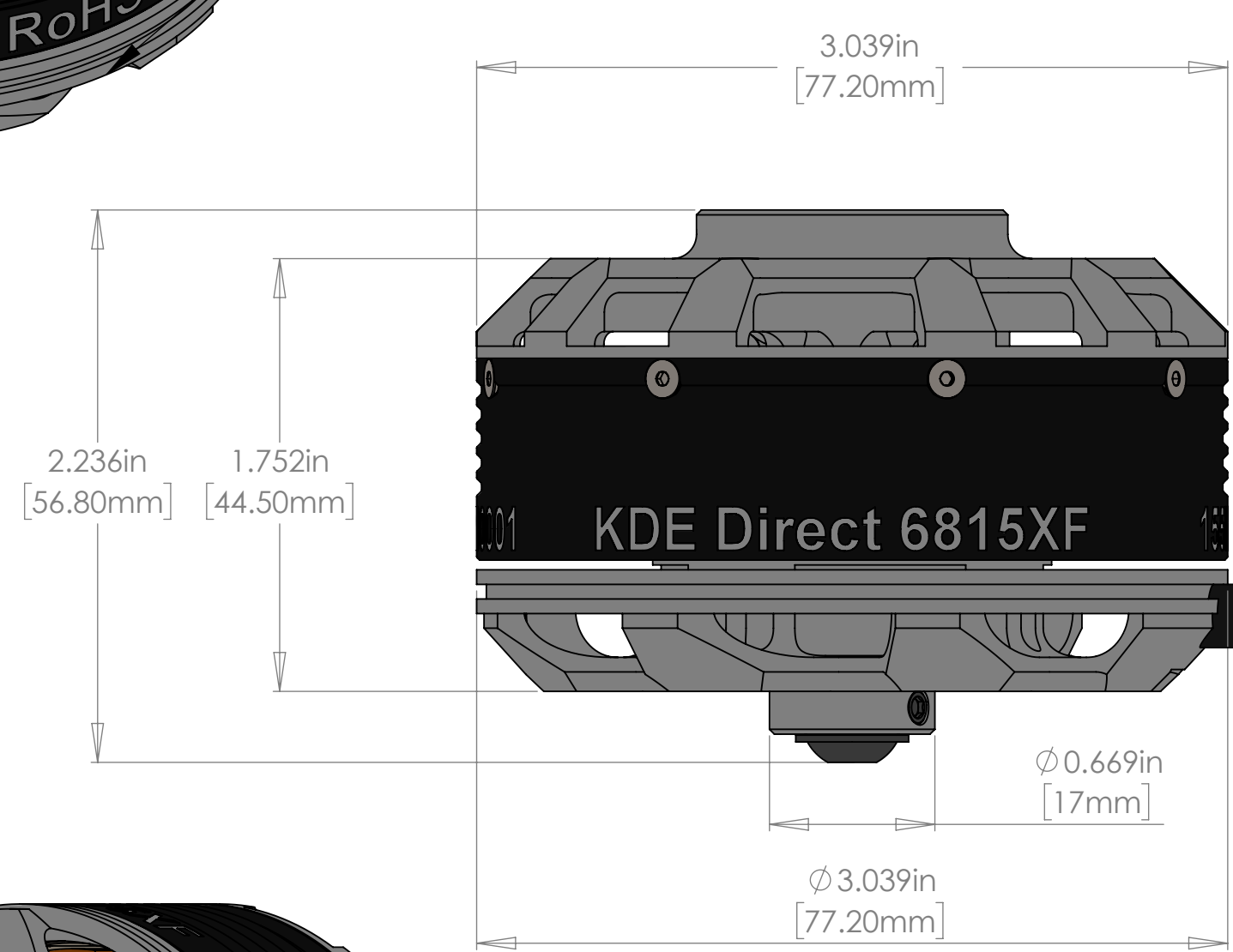
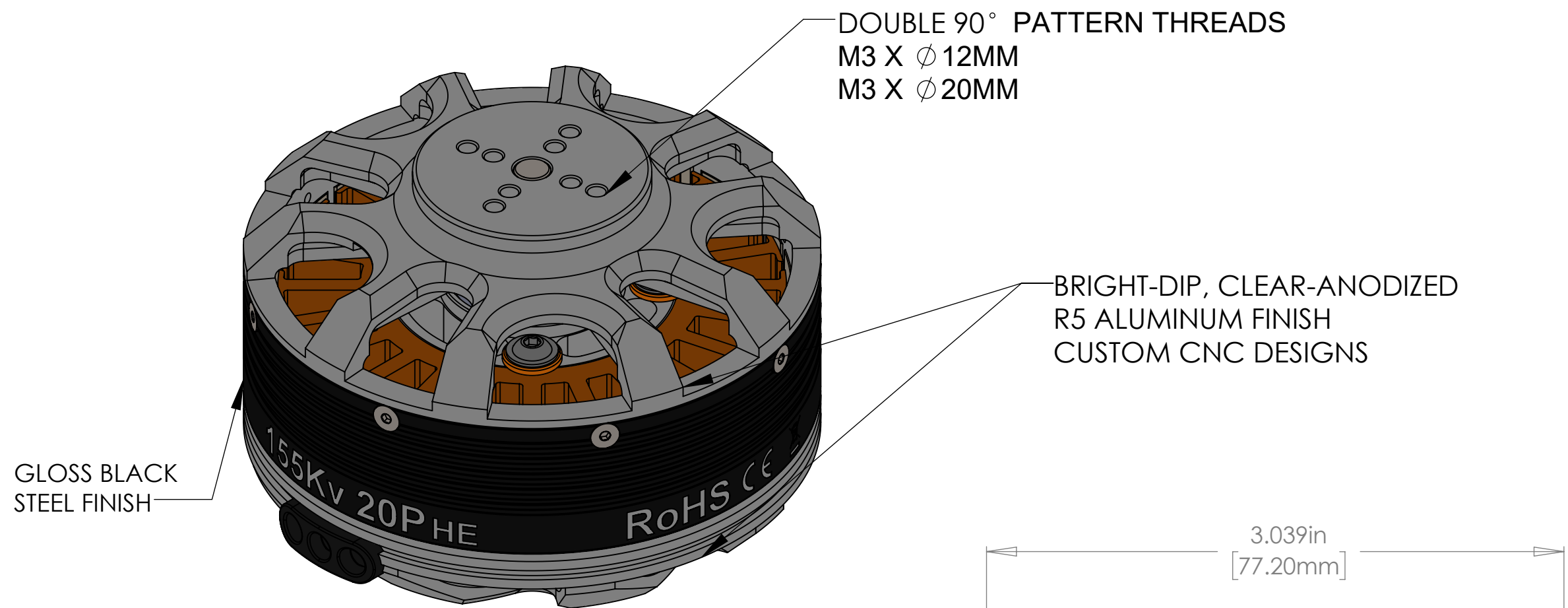
- ### Gloss Black Steel Components
- Magnet Bell Flux Ring

- ### Bright-Dip, R5 Clear Anodized Aluminum Components
- Dual End Caps (Front Case and Fan Housing)
  - Custom CNC Designs (3D/2D Files Provided)

- 30" Exit Lead Extensions (13 AWG)
- Ø 4.0mm 24k Bullets, Pre-Soldered and Shrink Wrap

**Install Shaft Collar to Remove ALL Shaft Axial Play**

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	Original production release. Starting serial number S/N 39M190002.	06/20/2019	TR



30.0" EXIT LEAD EXTENSIONS (13 AWG)  
Ø 4.0MM BULLETS PRE-SOLDERED

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