REFLEX® DRIVE

MADE IN INDIA



RD 8030

Drone Motor

REFLEX® DRIVE

Email: sales@reflexdrive.in Sales: +91 9151118036 www.reflexdrive.in Lucknow, Hyderabad

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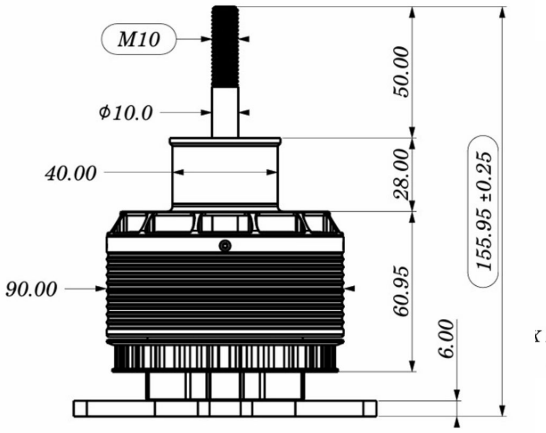


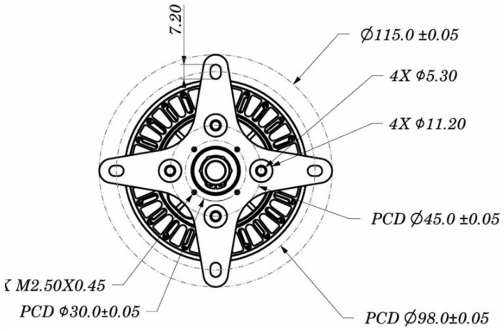
Specifications

Product name	RD 8030 DRONE MOTOR
Country of Origin	India
Max Thrust	23 kgf
Recommended battery	12S
Recommended take off weight	20 KG
Total weight	Approx. 900g
Lead wire length	100mm
Motor	
Stator Size	Ø80 x 30 mm
Kv rating	160 kv
Motor Size	Ø90 x 81 mm
Max power	5600 W @12S
Peak current	135 A

PRODUCT DRAWING

Note: All dimensions in mm





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ESC : RD 120A/150A
Propeller
Diameter X Thread Pitch : G23x13 APC
Total weight : Approx. 150g
Power source : DC supply (48V-DC)
Voltage : 48V

Load Performance Data

Performance Test						
Throttle (800-2000)	**Servo**	**Power (W) O/L**	**Current (A)O/L**	**RPM O/L**	**Thrust (g)**	**Efficiency (g/W)**
25	1100	244.8	5.1	1918	2334	9.5
35	1220	499.2	10.4	2505	4081	8.2
40	1285	729.6	15.2	2861	5347	7.3
45	1345	960	20.0	3132	6422	6.7
50	1395	1200	25.0	3376	7422	6.2
53	1430	1440	30.0	3541	8444	5.9
58	1495	1752	36.5	3765	9643	5.5
60	1525	1920	40.0	3889	10392	5.4
63	1560	2184	45.5	4044	11309	5.2
67	1600	2496	52.0	4179	12097	4.8
72	1660	2976	62.0	4420	13656	4.6
77	1726	3600	75.0	4625	14662	4.1
79	1750	3840	80.0	4736	15500	4.0

- The bench test data provided above is for reference purpose only, conducted at ambient room temperature. Actual results may vary depending on environmental and field conditions.

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