

DOGA

ELECTRONIC MOTOR 267 FOR SEED METER



DIGITAL INPUT 8V FOR SEED SENSOR

WITH HALL SENSOR OR ELECTRONIC CONTROL



INTEGRATED SUPERSEAL CONNECTOR

SIGNALLING LED

MAIN FEATURES

VOLTAGE
NOMINAL TORQUE
NOMINAL SPEED
IP LEVEL

12V - 24V
0,3 - 0,4 Nm
750 rpm
IP66

Replaced "plug-in" by our 267



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HIGHLY MODULAR & COMPACT MOTORS

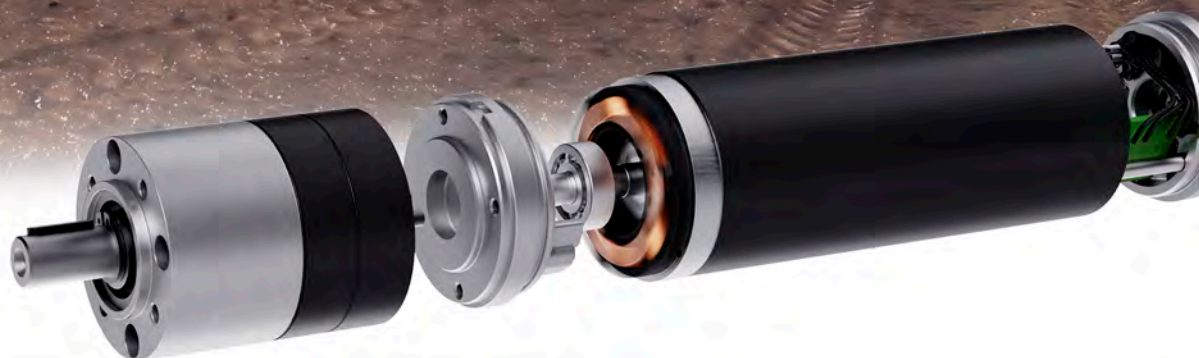
Precise speed control perfect variable conditions



AGRICULTURAL
MACHINERY



MOBILITY



MAIN FEATURES	253	263*
Voltage (V)	12-24	12-24
Nominal Torque (Nm)	0,155- 0,17	0,24-0,27
Nominal Output Power (W)	48-54	75-95
External Diameter (mm)	53	63
IP	69K	69K

FULL MODULAR POSSIBILITIES

Highly MODULAR and compact DC brushed motor

Integrated HALL SENSOR

Optional ELECTRONICS: CAN Digital Input / 0

Manufactured in 12V and 24V

Designed to CUSTOMIZE and meet your needs



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**The 263 motor with CAN or J1939 Communication is targeted to its use in Air Carts*

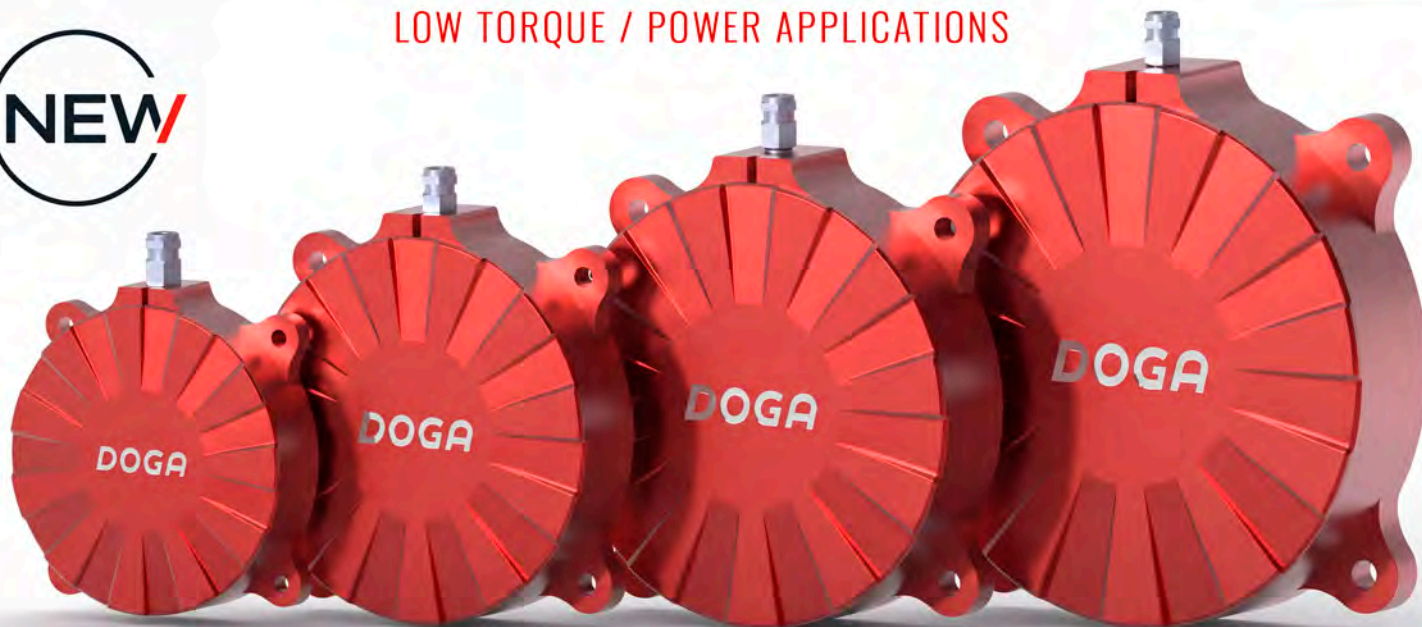
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AXIAL FLUX

MOTOR

LOW TORQUE / POWER APPLICATIONS

NEW



MAIN FEATURES 1NM

Voltage (V_DC)	12
Nominal Speed (rpm)	100
Output Power (W)	10
Nominal current (A_DC)	1,2

Housing Diameter: 100 mm
Housing Length: 25 mm



JOHN DEERE

MOTOR FAMILY ADVANTAGES



Modular design

Design thought to be able to stack motors to increase power.



Extended life

Optimized winding for this application reducing current consumption and therefore extending life expectancy.



Compact

Light weight optimized design.



Electronic and connected

Motor can support CAN connectivity and wireless control technologies.



Support

Compatible with Life-monitoring assistance for guided troubleshooting and service.



Adaptable casing design

External casing style can be adapted if needed.

Launching 1Nm motor version in 2026. 2Nm, 3Nm & 5Nm versions expected for 2027.

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MOTOR BRUSHLESS MODULAR FAMILY



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MAIN FEATURES

EMBEDDED ELECTRONICS
DESIGNED TO BE CUSTOMIZED TO MEET YOUR NEEDS
CAN OPEN, J1939
DIGITAL INPUT / OUTPUT

	BRL050 motor series	BRL0100 motor series
VOLTAGE	12V	24V
NOMINAL TORQUE	0.28 Nm	0.33 Nm
NOMINAL SPEED	3400 rpm	3400 rpm
NOMINAL OUTPUT POWER	50 W	100 W
IP LEVEL	IP65	IP65

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SHOE ACTUATOR

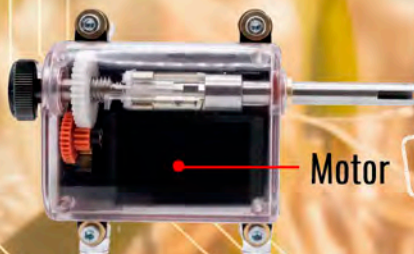
IN COMBINE HARVESTERS

Electrical Actuator to improve
threshing on slope terrains



CLEANING SHOE ACTUATOR

A shoe adjust actuator on a combine harvester is an electric motor that controls the opening of the chaffer and sieve louvers within the cleaning system. It enables precise adjustment of grain separation and airflow directly from the cab, helping optimize harvesting performance according to crop type and operating conditions.



Motor



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Smart^{leaf} Wiper Motor



WIPER



SMART MOTORS

WIRELESS



Parametrization

Modification of system parameters in the machine (parking position, speed, torque...) Smart functions (cold start during winter, angle adjustment to clean a specific area, ...)



Synchronization of several motors

Integration of multiple motors in one network (LIN – CAN)
Synchronizes multiple motors for smooth, coordinated operation in complex systems.



Storage the parametres of motor.

Obtainable information of motor life, to improve motor analysis.



One motor for different applications: customer flexibility.

The goal is to provide the customer with the capability of creating their own application without DOGA intervention or at least manage a unique P/N.



Sweep angle customizable

Precise Speed and Wiping Angle Control
Thanks to their integrated electronics, these motors allow precise control of wiper speed and sweep angle, ensuring optimal performance under different weather conditions.



Motor status feedback (connectivity)

