



Electromagnetic General Purpose Clutches

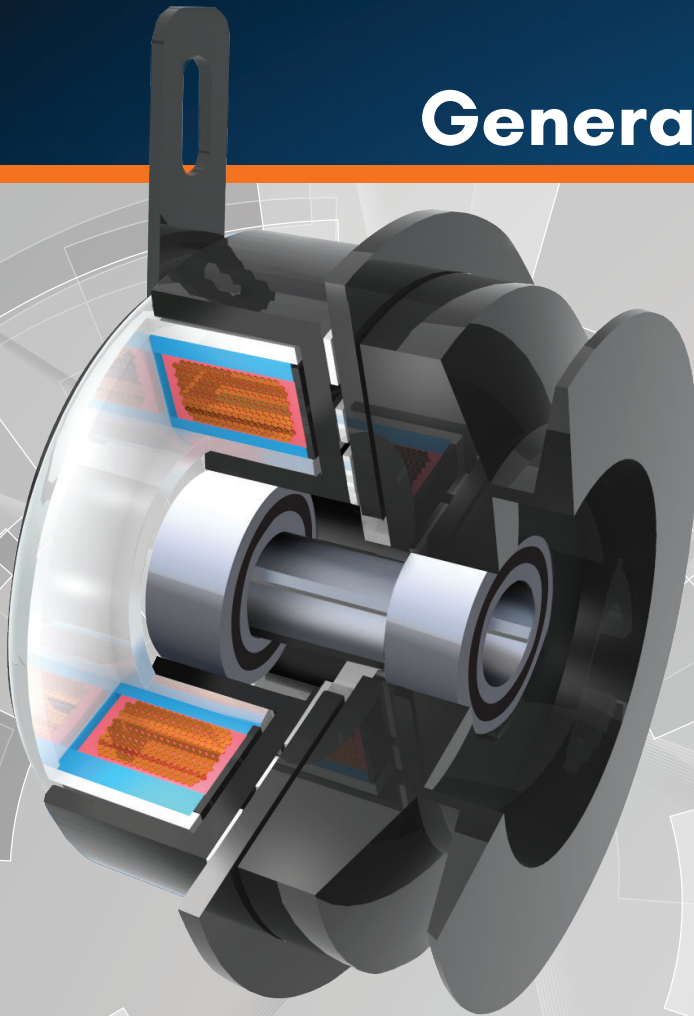
for Gas and Diesel Engine Driven Components



OGURA
INDUSTRIAL CORP.

"What You Need in a Clutch®"

General Purpose Clutches



Ogura Provides
Innovative Solutions
that Meet your Challenges

Benefits of using Ogura general purpose clutches:

- ✓ Remote actuation
- ✓ Reduced power consumption from the engine
- ✓ Simple installation
- ✓ Operator convenience/safety
- ✓ Cold weather starting
- ✓ Fuel savings
- ✓ Extended component life

Ogura general purpose clutches are bearing mounted. The field is supported by a bearing on the shaft. Clutches are available in one piece and two piece designs.

Ogura general purpose electric clutches provide reliable performance for long life applications. These clutches are designed to mount directly on a gas or diesel engine. They are used in many outdoor power equipment applications, such as stump grinders, pump jacks, fans, and straw blowers or in salt & sand spreaders. Ogura general purpose electromagnetic clutches can handle almost all direct engine mount clutch requirements in the 5 horsepower to 40 horsepower load range. They are also ideally suited for outdoor applications in the agricultural, construction equipment, oil and gas field and power generation markets. Designed to transfer rotary motion directly from an engine, Ogura clutches feature standard crankshaft bore sizes and torque ratings to handle a variety of engines. A wide selection of forged machined pulleys or universal mounting output hubs provide a variety of connection options.



Flooring Equipment



Pump Jacks



Construction Equipment



Sand and Salt Spreaders

Featuring a solid forged rotor, high temp/long life bearings and e-coat corrosion protection, Ogura general purpose clutches can tackle the most demanding applications.

For detailed specifications for the entire Genera

Robust, reliable performance for long life applications



Put the
Ogura Design Advantage
to Work for You

Solid forged rotor

A one piece solid forged rotor means no chance of internal parts separation. Our rotors also have an even wall thickness around the coil which gives optimum flux distribution, maximizing torque.

Different coil voltages available

Although 12 volts is the most common, 24 volts can also be made available. Depending upon the quantity, other specialty voltages can be made.

High temperature, longer life grease

All models include our special long life grease which has shown a significant improvement in life over other standard high temp greases.

E-coating

Where possible, all parts in the clutch are e-coated to give maximum corrosion protection.

High temperature epoxy coil

To help prevent failure from both vibration and outside contaminants, all coils are sealed in the coil shell with a high temperature epoxy coating.

Forged machined pulley

All models in this section use a heavy duty machined pulley. A stronger pulley resists damage due to abusive environments.

Soft-start control option

An optional electric soft start control can be added to produce a softer engagement.



GENERAL SPECIFICATIONS

Static Torque Range	100 - 400 lb-ft
Volts/Watts	12 / 68
Max RPM	3600
Bore	1, 1 ¹ / ₈ , 1 ⁷ / ₁₆ in
Output	Hub, Pulley
Ref. Pitch Dia.	3.35 - 7.20 in
Weight	11-19 lbs

Other solutions available from Ogura



1 Power off brakes
to hold or stop in the
absence of electrical
power



1

**2 Multiple disc
and tooth
clutches**
high torque,
can run either
dry or in oil



4

4 Mobile equipment clutches
for use with gas and diesel
engines on outdoor power
equipment and engine driven
components



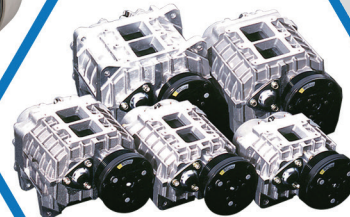
2

**3 Industrial
clutches / brakes**
single face
quick response,
high cycle



3

5 Superchargers
for increased
engine
performance
and reduced fuel
consumption



5

6 Tension control
hysteresis and magnetic
particle for precise torque
control



6

Ogura has over 7,000 Standard and Custom Electromagnetic Clutch and Brake Designs.

Founded in 1938, Ogura has over 80 years' experience in the manufacture and design of clutches and brakes. Ogura is currently the world's largest manufacturer of electromagnetic clutches and brakes producing around 30 million units per year with over 7,000 standard and custom designs available from 14 manufacturing ISO certified facilities throughout the world.

Visit www.ogura-clutch.com to learn more.

Visit our YouTube channel for an extensive library of installation, maintenance, and how-they-work animated videos



<https://www.youtube.com/user/oguraindustrial>



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