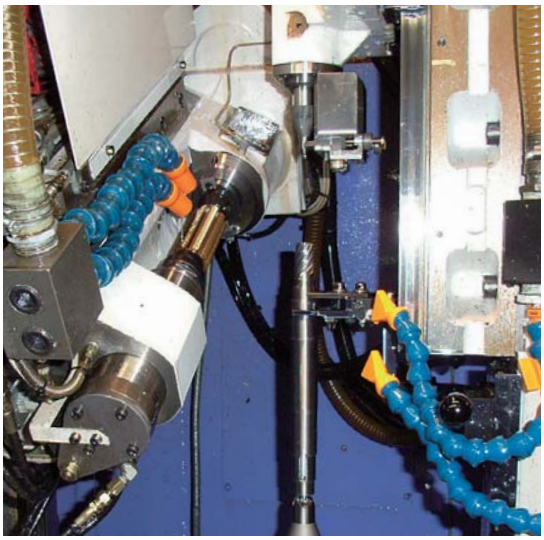
Geared Motor

Designed with an emphasis on high efficiency and low noise
Wide range of transmissions in response to a variety of applications

In order to respond to the needs of the increasingly diversified field of mechatronics, FUJI HENSOKUKI is engaged in the designing and production of transmissions and geared motors using advanced gear technology, as well as system products associated with driving revolution technology. Our general-purpose geared motors, VX series and VC series, developed as a result of the technology and experience FUJI HENSOKUKI has accumulated

over the past half century, are now widely used in diverse fields, spanning industry into leisure and household appliances. As a driving force in our industrial society, we continue to exert our utmost efforts with technologies we have accumulated over theyears for the development of new products, which in turn, will contribute to the greater prosperity of the new era.



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General-purpose geared motors as a core of the industry

Geared motor [Parallel shaft]
VX Series

Hollow shaft geared motor [Orthogonal shaft]
VC Series

Common features

1. Capable of constant torque operation through inverter
2. Brakes equipped with a manual break release device
3. Terminal box capable of 90° position change
4. Low noise and long life
5. Compact size and light weight
6. No maintenance
7. Spec for Waterproof IP65 is also available.

Compact Geared Motor <Concentric Shaft> with less than 100W output
VP Series

A slim body type that is easy to use with the motor and parallel shaft and equipped with 3-point planetary method for deceleration system.

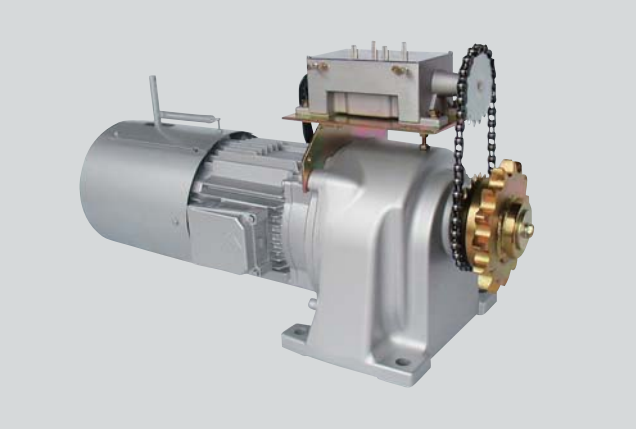
High Precision Decelerator <Parallel Shaft> for servo motor
VX-H Series

The improved precision of parts enables suppressing backlash without preloading.

Geared Motor

Diverse use with special specifications
Made-to-order Development System

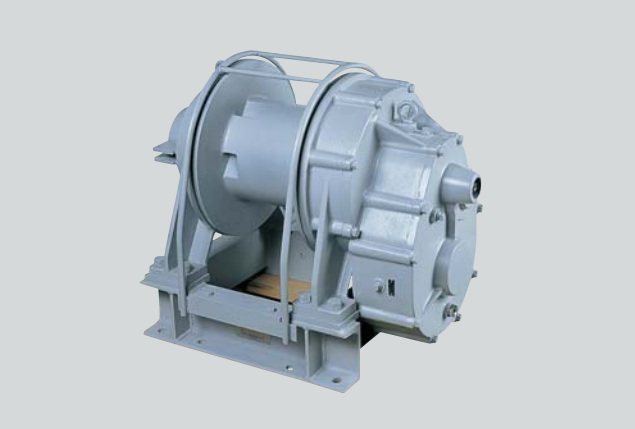
Geared motor for motor-driven elevating device



A wide variety of optional functions such as brakes

Widely used as elevating device for buildings, factories and ware-houses

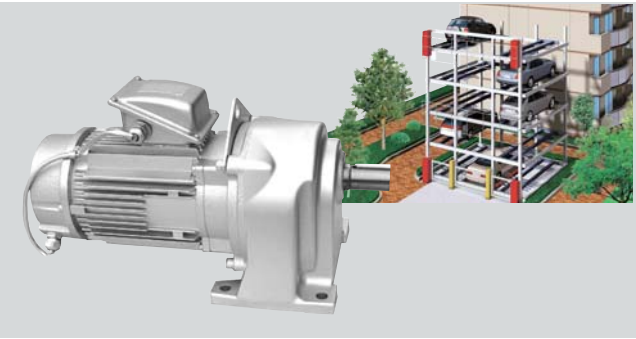
Geared-motor for nautical winches



Supports cargo loading and unloading operations

Used worldwide as general davit and ladder lifting geared motors installed on marine vessels

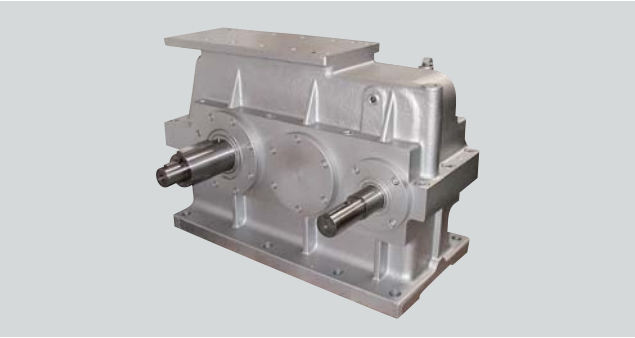
Mechanical parking



Succeeded in developing a low noise device

Used as motorized system at many multilevel parking structures with its stable and smooth rotation capability

For printing machines



Contributing to the stable operation of rotary presses

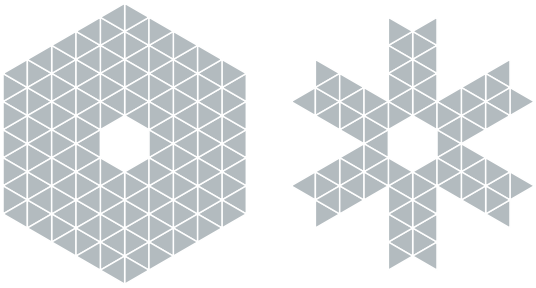
The device is adopted in offset printing machines.
Provides a high-precision geared motor and low backlash

Geared Motor

Diverse use with special specifications
Made-to-order Development System

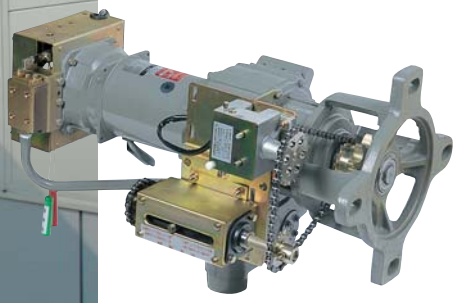
Geared motor for opening and closing of shield screens

This motor is adopted at the well-known Nagoya Dome baseball stadium. At the center of its ceiling is a shielding screen formed by 114 triangular sheets measuring approximately 10m on each side. Our special geared motor is used for opening and closing this screen. Computer control makes various opening and closing patterns possible to produce an interesting doom environment. It is worth your while to see this shielding screen with your own eyes.



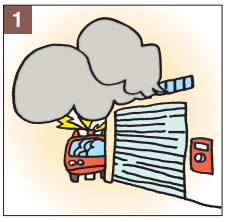
Jet Savior

Jet Savior protects irreplaceable life and property
An emergency safety device in case of fire

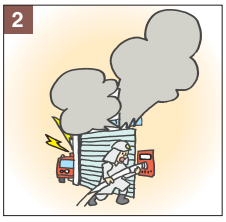


This is a shutter driving device applying geared motor technology. Among these devices, the Jet Savior is a motor-driven hydraulic shutter release device that has been developed using our outstanding technology. The device releases shutters by rotating the turbine from the outside with a powerful hydraulic pressure applied from fire-fighting vehicles. The device enables a fire brigade to start fire fighting within one minute, assisting in the saving of valuable life and property. The Jet Savior, that enables initial fire fighting without destroying shutters, is a very effective device for shops and financial organizations.

Operating procedures



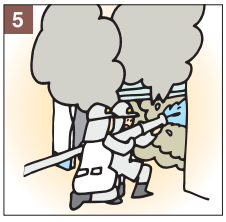
A fire-fighting vehicle arrives at the scene of a fire. Start preparation by extending the hose from the fire truck to the Jet Savior water pipe connector.



Remove the cap from the Jet Savior water pipe connector and connect the hose from the fiie truck.

Fully open the water supply pump on the fire truck to start pumping water.

When water is supplied through the Jet Savior water pipe, a bladed wheel at the driving section rotates under the force of the hydraulic pressure. A switch is activated and the shutter begins to open automatically.



When the shutter is opened to the height that allows entry to the building, the operation stops automatically. It takes only 60 seconds.