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CLUTCHES & BRAKES

Product Lineup

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>>> 312 ELECTROMAGNETIC-ACTUATED CLUTCHES

& BRAKES TECHNICAL DOCUMENT

Electromagnetic Clutch & Brake Models



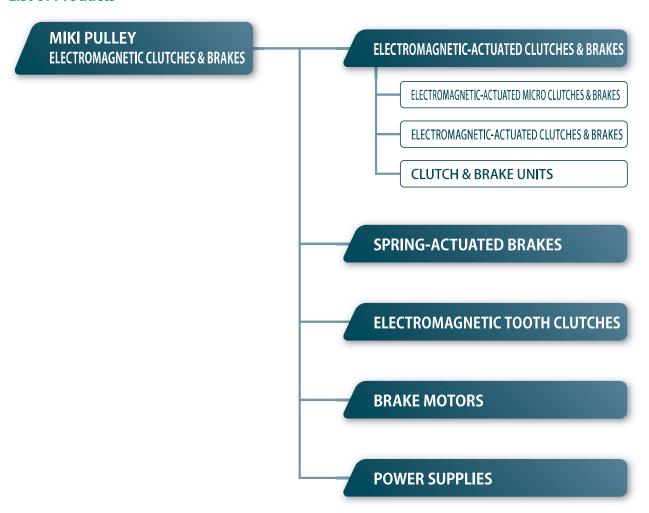


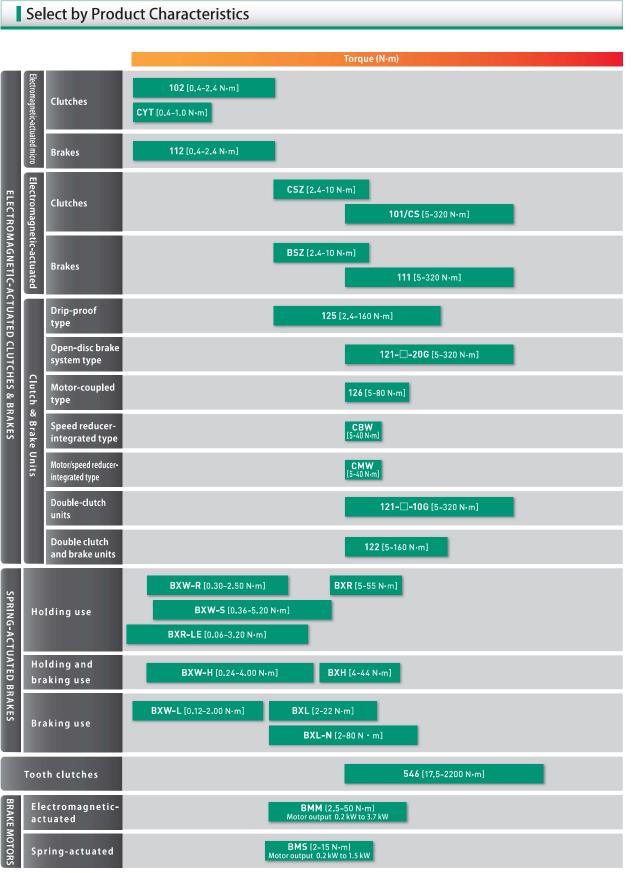
Selection Guide

Miki Pulley divides its electromagnetic clutches & brakes into several major categories: electromagnetic-actuated clutches & brakes, spring-actuated clutches & brakes, electromagnetic tooth clutches, brake motors, and power supplies.

When selecting a product, have information handy on your application, required torque, performance, load properties, drive source and the like, and then use the diagram on the page at right as your guide. Selection details are described in the selection procedures given for each series.

List of Products





ELECTROMAGNETIC **CLUTCHES & BRAKES** SERIES ELECTROMAGNETIC-ACTUATED MICRO **CLUTCHES & BRAKES** ELECTROMAGNETIC-ACTUATED **CLUTCHES & BRAKES** ELECTROMAGNETIC **CLUTCH & BRAKE** UNITS SPRING-ACTUATED BRAKE ELECTROMAGNETIC TOOTH CLUTCHES BRAKE MOTORS

POWER SUPPLIES

Applications

Product model

BXR

Employed device

Articulated Robot



BXR spline type for holding arms. Saves space with slim design and greatly reduces drag wear by using light rotor.



Product model

Employed device

Special-purpose Vehicles

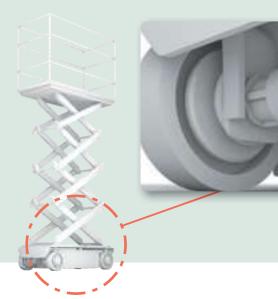
The Electromagneticactuated brake 111 model is used in the elevating device for the auxiliary leg.

Product model

BXR

Employed device Aerial Vehicle

BXR model as the holding brake for drive motor. Slim design helps save space.



Large BXW as the pitch drive device of a wind turbine

generator.



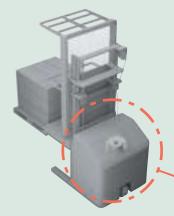
Product model BXW Large Size (Custom Product) Employed device Wind Turbine Generator



Product model BXR-LE

Employed device Vertically Articulated Robots

The BXR-LE models owes its ultra-thin profile to a dedicated controller. Mounted on the output shaft, it is ideal for applications where space is limited. Its dedicated controller also saves energy.



Spring-actuated brake BXH model for electric forklift. Compact, high torque design.

Product model BXH

Employed device Forklifts



ELECTROMAGNETIC **CLUTCHES & BRAKES**

SERIES

ELECTROMAGNETIC-ACTUATED MICRO **CLUTCHES & BRAKES**

> ELECTROMAGNETIC-ACTUATED CLUTCHES & BRAKES

ELECTROMAGNETIC CLUTCH & BRAKE UNITS

SPRING-ACTUATED BRAKE

ELECTROMAGNETIC TOOTH CLUTCHES

BRAKE MOTORS

POWER SUPPLIES