DERELİ

DYF

SERIES

SPRING APPLIED BRAKES

| User Manual

Electromagnetic Control Technologies

Dereli components;
… must only be applied as directed.
… must not be commissioned if they are noticeably damaged.
… must not be technically modified.
… must not be commissioned if they are mounted incompletely
… must be connected by the voltage expressed on the brake
… can hold live as well as moving or rotary parts during operation according to their degree of protection. Surfaces may be hot.

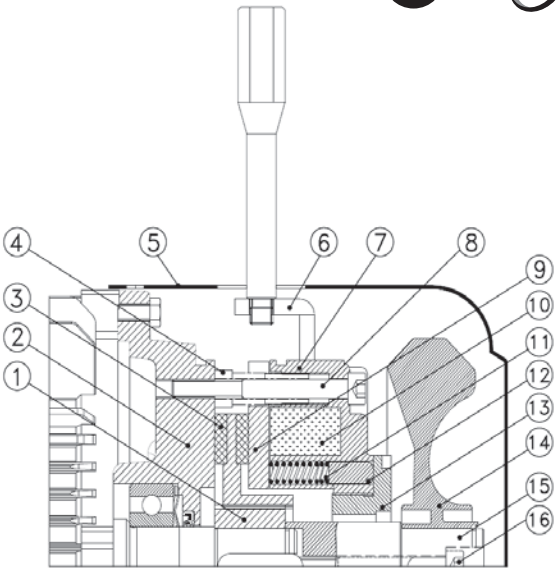
For Dereli components;
… the data related to mounting details is being kept at website.
… only permitted accessories are allowed to be used.
… only original spare parts of manufacturer are allowed to be used.

All specifications of the corresponding enclosed documentation must be observed.
This is vital for safe and trouble-free operation and for achieving the specified product features.

Only qualified, skilled personnel are permitted to work on and with DERELI components.
In accordance with IEC 60364 or CENELEC HD 384, qualified, skilled personnel are persons;
… who are familiar with the installation, mounting, commissioning, and operation of the product.
… who have the qualifications necessary for their occupation.
… who know and apply all regulations for the prevention of accidents, directives, and laws relevant on site.

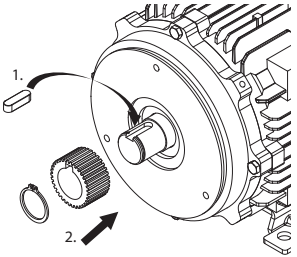
Risk of burns !
… Surfaces may be hot during operation! Provide for protection against accidental contact.

Risk of injury due to a rotating shaft !
...Wait until the motor is at standstill before you start working on motor.



1.Hub	9.Armature Plate
2.Brake Cover	10.Brake Coil
3.Rotor	11.Pressure Spring
4.Sleeve Bolt	12.Tappet
5.Fan Cover	13.Torque Adjusment Ring
6.Hand Release (optional)	14.Fan
7.Stator	15.Fan Shaft
8.Socket Head Cap Screw	16.Mounting Screw

1.



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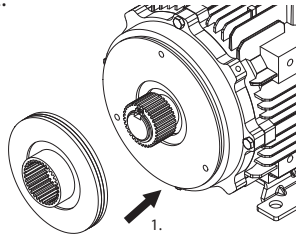

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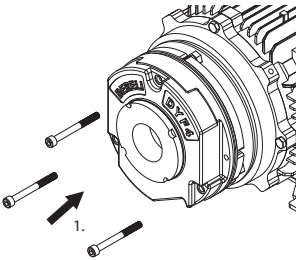

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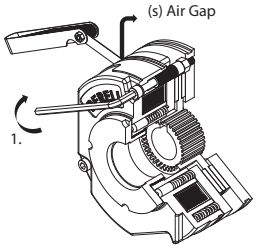

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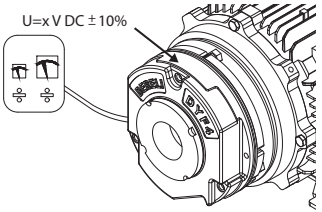

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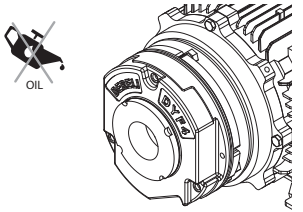


- Brake Label Decoding

Company	Serial No	CE Mark
Model	Brake Torque (Nm)	Rated Voltage (Dc) / Power (W)
		Production Date

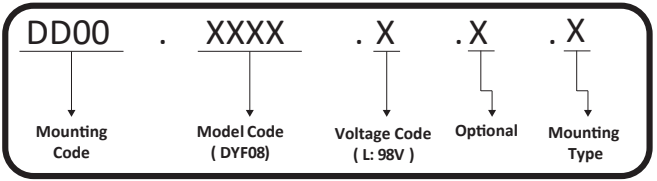
- Sample Label

DERELİ DD00.DYF08-L-S.180E CE

DYF08 300 NM 98V DC 51W

www.derelifren.com.tr 11/2012

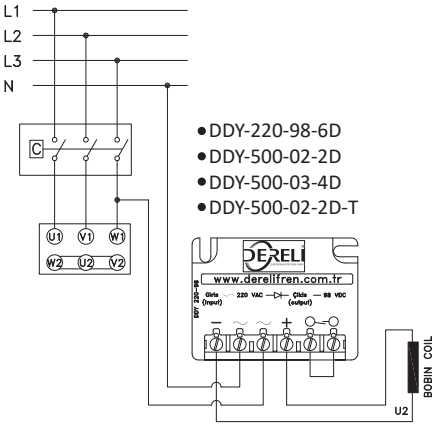
- Serial Number Decoding



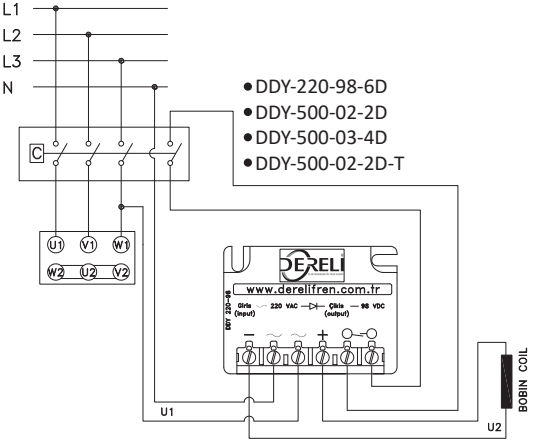
- Brake Adjustment Data

Model	$(S)^{+0.1}_{-0.05}$ (min. - max.) Working Gap (mm)	(Nm) Tightening Torque of Fixing Screws
DYF01	**0.2 - 0.5**	**3,0**
DYF02 DYF03	**0.2 - 0.6**	**6,0**
DYF04	**0.2 - 0.7** **0.5 - 0.9 "/D"**	**10,0**
DYF05 DYF06 DYF07		**23,0**
DYF08 DYF09 DYF09D DYF10 DYF10D		**46,0**

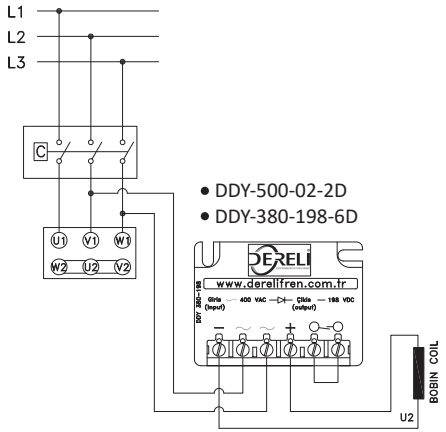
1.1. 220V AC AC Current Diagram - AC Switching



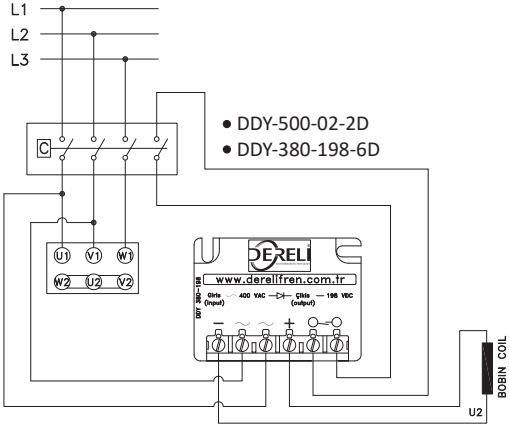
1.2. 220V DC Current Diagram - DC Switching



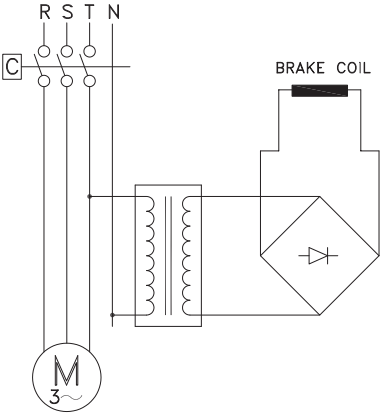
2.1. 380V AC Current Diagram - AC Switching



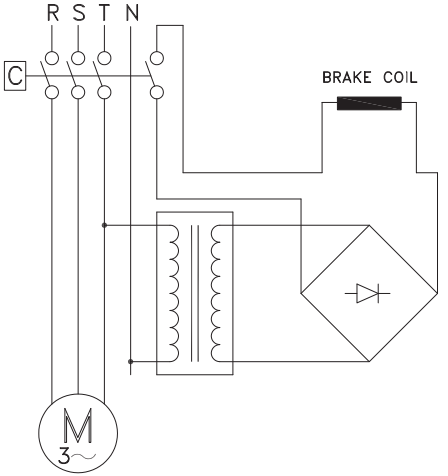
2.2. 380V DC Current Diagram - DC Switching



3.1. 24V AC Current Diagram - AC Switching



3.1. 24V DC Current Diagram - DC Switching



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YouTube

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