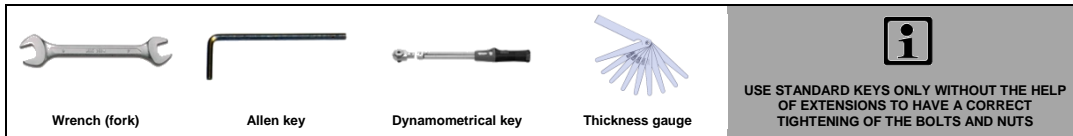


This document is applicable only to S/SH Temporiti brakes. For further information visit the website www.temporiti.it or contact the technical office.



Symbol and meaning	Description
DANGER!	Danger of personal damage caused by a general source of danger It refers to an imminent danger that could give place to serious personal damage or death if the correspondent measures of protection are not respected.
RISK OF ELECTROCUTION!	Danger of personal damage caused by high electrical voltage It refers to an imminent danger that could give place to serious personal damage or death if the correspondent measures of protection are not respected.
STOP!	Danger of property damage It refers to an imminent danger that could give place to property damage if the correspondent measures of protection are not respected.
NOTE!	Important note to ensure troublefree operation
TIP!	Useful tip for simple handling

	THE BRAKE IS PROJECTED TO GUARANTEE, WHILE RESTING AND THROUGH THE BREAKING TORQUE SPRINGS, THE INTRINSEC SAFENESS EQUAL TO ITS Nm PLATE VALUE.	The electromagnetic brake model "S/SH" is a spring applied, power continuous current brake. The function of the brake is to stop rotational movement of a shaft, according to the operating specifics on the site www.temporiti.it . The use of appropriate safety devices is left to the machine manufacturer (partly completed machinery).
	FEEDING VOLTAGE	The feeding voltage of the brake may vary of a $\pm 6\%$ in observance to the nominal tension signed on the label. The electromagnet requires a tension near the nominal value: an insufficient tension may cause a general bad working of the electro-brake.
	ROOM TEMPERATURE	The room temperature for the correct working of the brake is between 5°C and 40°C. Call the technical office for different or further requirements.

Values of the static torque

	S063	S071	S080	S090	S100	S112	S132	S160
Static breaking torque [Nm]	2.5	4	9	10	12	13	17	30
	SH71	SH80	SH90	SH100	SH112	SH132	SH160	
Static breaking torque [Nm]	5.5	11	12	21	22	23	50	

	BRAKE RUNNING-IN	The value of the static braking torque of the brake without the running-in period may have up to - 20% of the plate value with standard friction material and up to -35% with the antisticking one. Always run in the brake before use.
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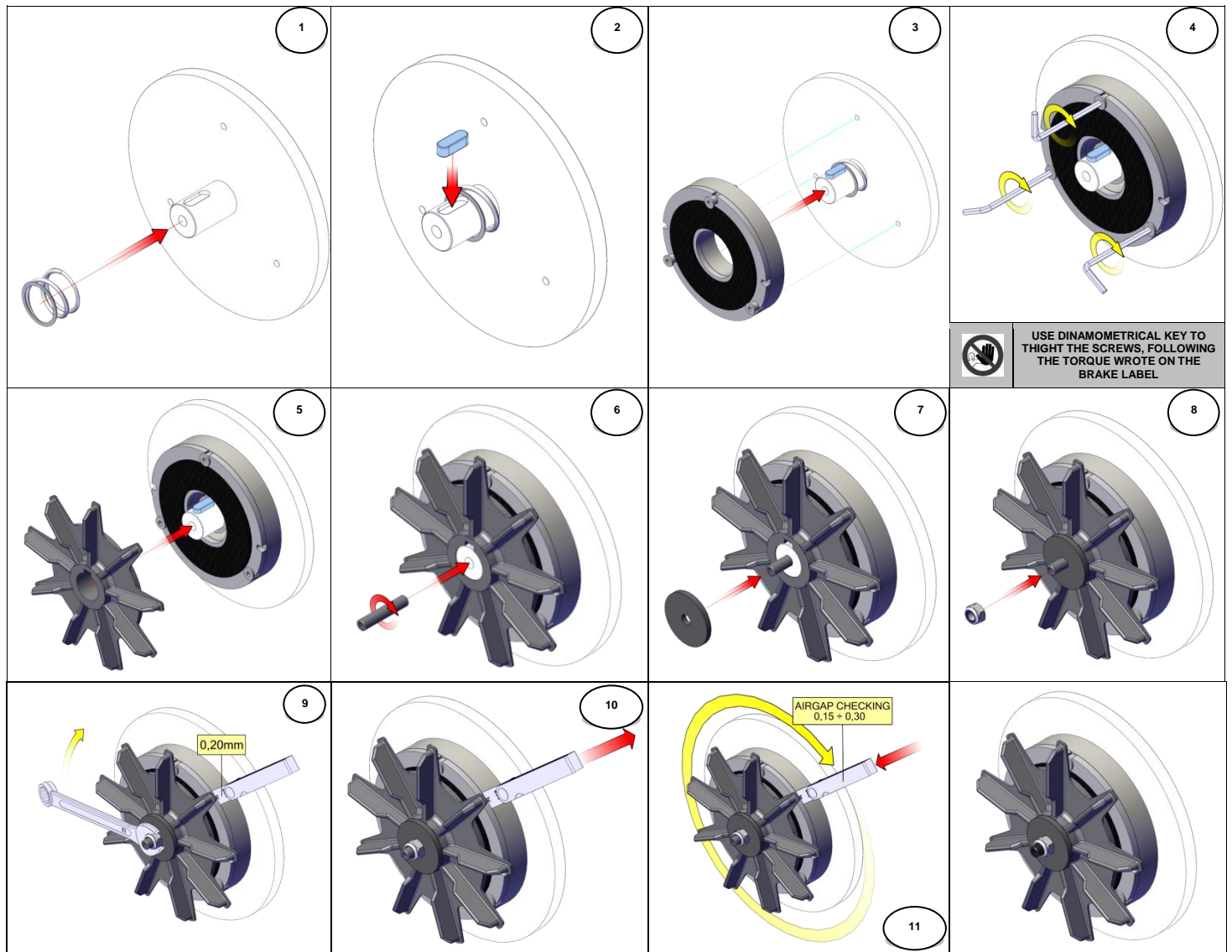
Installation, Regulation and Maintenance

	KEEP METICULOUSLY TO THE DIRECTIONS ON THE PRESENT MANUAL	Adjusting operations carried-out without following the operations that follow lead to a bad working of the brake.
	DISCONNECT THE BRAKE FROM POWER SUPPLY	Carry-out the inspection, servicing and adjusting operations only after electrically disconnecting the brake.
	CLEANING OF THE SURFACES	Good cleaning of the braking surfaces and planes by using de-greasers that do not leave oily wastes, is necessary for a good performance of the brake.

Description	ID BOM	Qty
SPRING	1	1
BRAKE GROUP	2	1
FAN	3	1
WASHER	4	1
SELF-LOCKING NUT	5	1
GRAIN	6	1

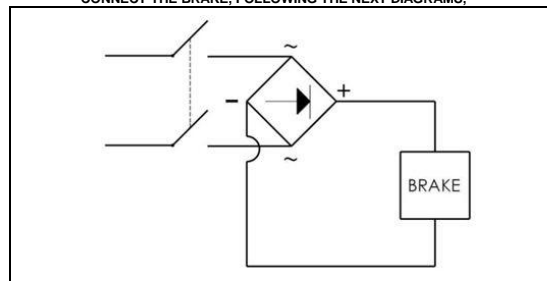
KEY
(Not supplied by Temporiti srl)

	DO NOT FIX ANYTHING TO THE MAGNET AS NOT TO INTERFERE WITH ITS CORRECT WORKING
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USE DINAMOMETRICAL KEY TO TIGHTEN THE SCREWS, FOLLOWING THE TORQUE WROTE ON THE BRAKE LABEL

CONNECT THE BRAKE, FOLLOWING THE NEXT DIAGRAMS.



Servicing

ADJUST THE AIR-GAP ONCE MORE WHEN IT REACHES 0,5mm.

It is compulsory to restore the air-gap values according to the values in the view n°8 when it reaches 0,5mm.

A frequent inspection of the brake is necessary for all its parts as the wear depends on a series of factors and mainly on the inertia of the load, the speed of the shaft and the frequency of operations. Verify the main parts of the brake group and in case replace them with original spare parts supplied by Temporiti srl. Servicing may be roughly determined according to what is pointed out on the site.

Replacement of the armature plate

The brake must be replaced after a consumption of 1,5 mm of the friction material, that is when the minimum values of written in the chart below. Proceed replacing the armature plate removing the 3x fixing screws with the brake disassembled from the motor.

Thickness limit for the armature replacement – B [mm]								
	S063	S071	S080	S090	S100	S112	S132	S160
B	2	2	2	2	2	2	5	2

Disposal and recycle informations



RECYCLE IN ECO-FRIENDLY WAY THE PACKAGING, METALS AND ALL THE PARTS OF NO LONGER WORK BRAKES: **DO NOT THROW USED ELECTROBRAKES, OR PARTS THEREOF, IN THE HOUSEHOLD RUBBISH!**

Dispose separately from household rubbish the friction material (asbestos-free) after removing it from the metal part of the disk with a proper tool. Remove the resin from the electromagnet with a proper tools and dispose of it in accordance with current law regulations. According the European Directive 2002/96/CE on waste electrical and electronic equipments (RAEE) and its implementation of national law, the electrical equipments no longer usable must be collected separately and must be sent to a recycling step.