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

1- Symbols

Symbol	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 the 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

2- General Alerts

	**THE BRAKE IS DESIGNED TO GUARANTEE, WHILE RESTING AND THROUGH THE BRAKING TORQUE SPRINGS, THE INTRINSEC SAFENESS EQUAL TO ITS Nm PLATE VALUE**	The brake 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 brake feeding voltage may vary of a ±6% in observance to the nominal tension signed on the label. The electromagnet requires a tension near the nominal value: an insufficent tension may cause a general bad working of the brake.
	**ROOM TEMPERATURE**	The room temperature for the brake correct working is between 5°C and 40°C. Call technical office for different or further requirements.

3- Toolbox

To follow without troubles the following manual, you need the following tools:

Allen key set

Thickness gauge set

	USE STANDARD KEYS	Use standard keys only, without the help of extensions to have a correct bolts and nuts tightening.

4- Static Torque Values

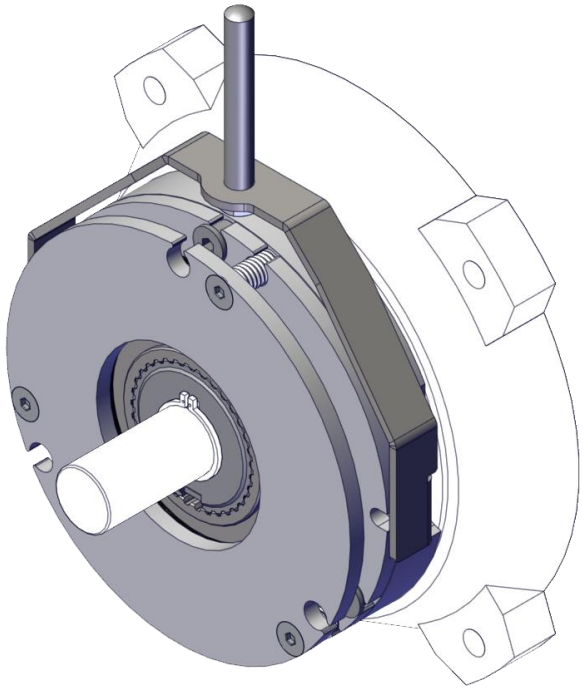
	S071-V	SH071-V	S080-V	SH080-V
Nominal Static Torque per single brake [Nm]	8	12	10	20

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

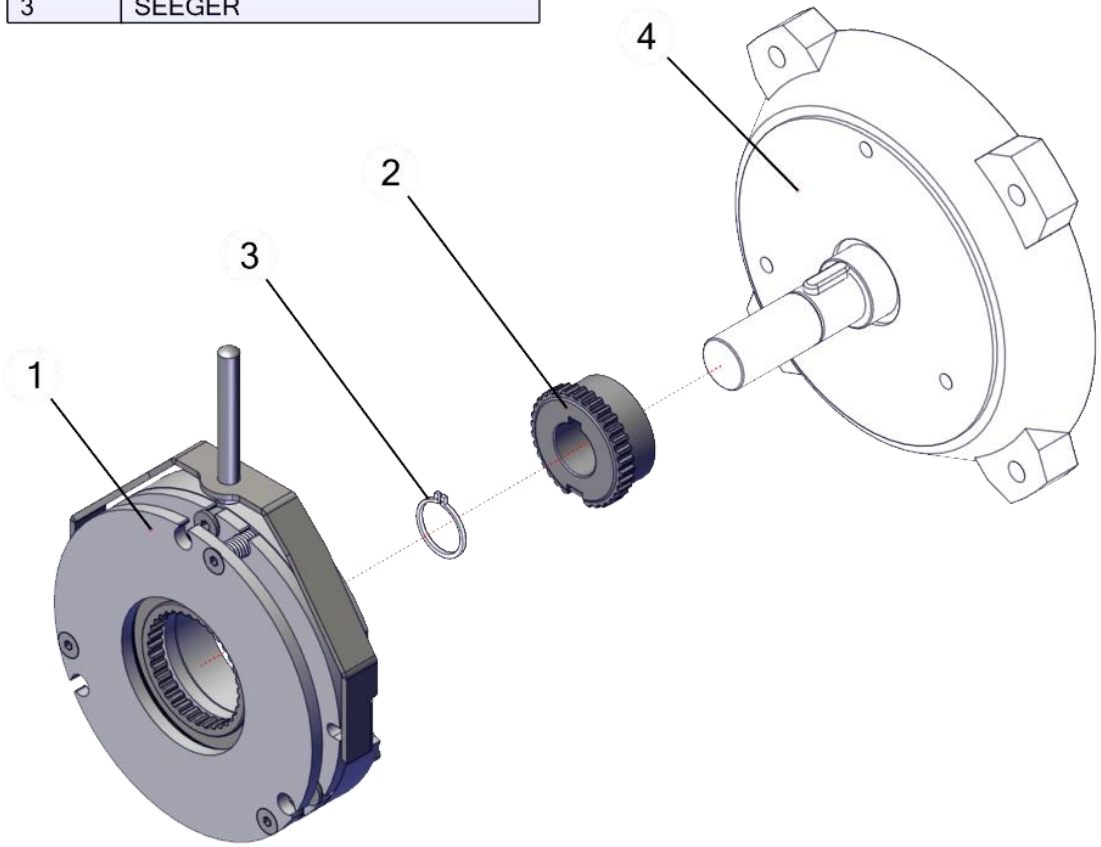
	The values in the chart are approximate. Real torque values must be always verified by measurement

5- Installation and Regulation

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

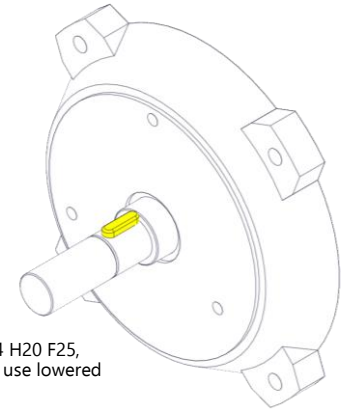


ID BOM	Description
1	BRAKE GROUP
2	HUB
4	MOTOR FLANGE + SHAFT + KEY
3	SEEGER

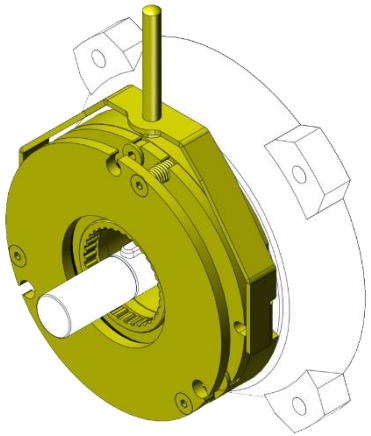


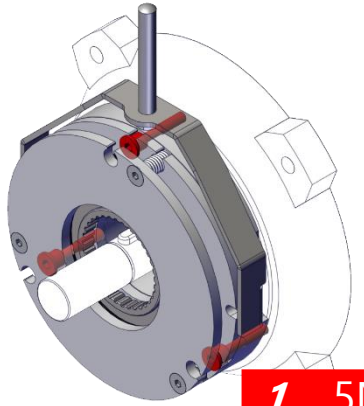
MOTOR PART NOT SUPPLIED BY TEMPORITI SRL

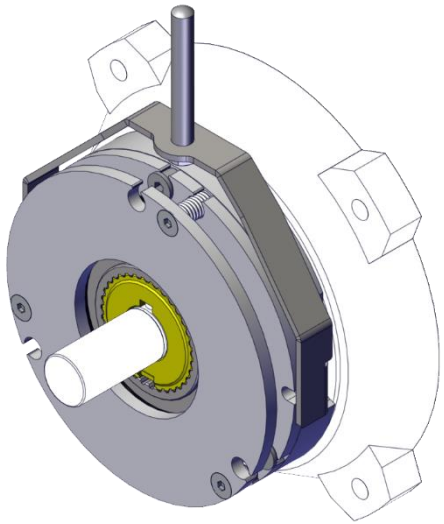
Temporiti srl does not supply motor parts as n-shield, shaft, fan cover, shaft key, hub seeger and sealing ring

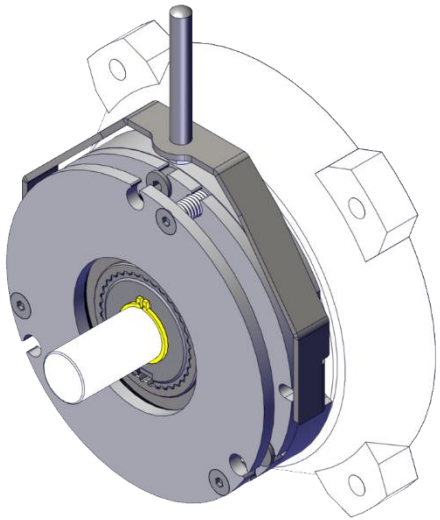


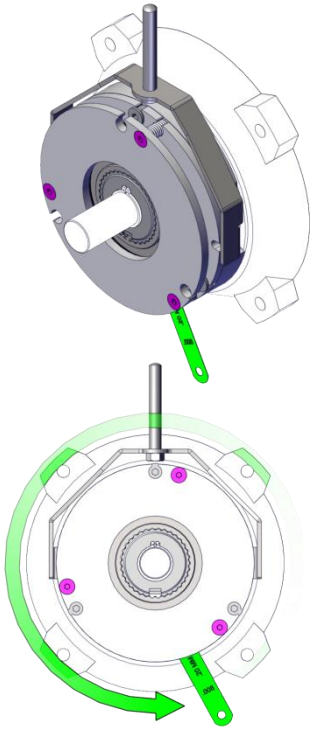
With hub Z34 H20 F25, make sure to use lowered key.











Remove Install Adjust Measure Torque

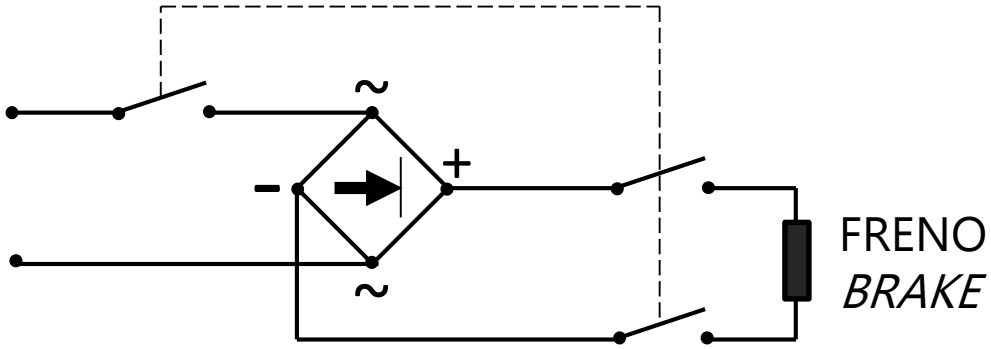
5.1- Airgap values

AIRGAP CHART							
S071-V		SH071-V		S080-V		SH080-V	
CONTROL		*CONTROL*		*CONTROL*		*CONTROL*	
0.20 GO – 0.25 NO GO		0.20 GO – 0.25 NO GO		0.20 GO – 0.25 NO GO		0.20 GO – 0.25 NO GO	
STARTING	*MAX*	*STARTING*	*MAX*	*STARTING*	*MAX*	*STARTING*	*MAX*
0.20	0.50	0.20	0.50	0.20	0.50	0.20	0.50

	**MAX AIRGAP VALUE**	Max airgap value is the airgap value for which, once reached, it is compulsory restore to starting airgap value
	**THICKNESS GAUGE POSITIONING**	For a correct airgap measuring, the thickness gauge has to be positioned in correspondence of the magnet surface and not on the external border of the magnet container or resin

5.2- Electrical connection

Connect the brake to motor following the following schema:



6-Servicing

A frequent brake inspection is necessary for all parts as the wear depends on a series of factors and mainly on the load inertia, the shaft speed and the operation frequency. 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.

6.1- Disk replacement

The disc must be replaced after a consumption of 1,5mm per friction material ring, that is when the minimum total thickness value is reached.

Disc replacement thickness limit – B [mm]				
BRAKE SIZE	S071-V	SH071-V	S080-V	SH080-V
THICKNESS LIMIT [mm]	5	5	5.5	5.5

7-Disposal and recycle information

Recycle in eco-friendly way the packaging, metals and all the parts of no longer working 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