ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Temporiti BS1* at our website: *Click HERE*

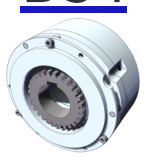
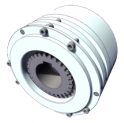
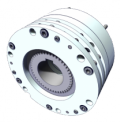
BS Series

The electromechanical brake of the **BS series** is an **DC brake**.
The main features of the BS series brake are:
- Compact design, extremely quiet operation and operation (
- The brake is designed for static system behaviour;
- This new and innovative series built by Temporiti s.r.l., is supplied pre-assembled. This results in a very fast assembly. The type of brake is designed to serve Brushless motors. For this reason, they are housed inside the motor structures and do not require ventilation;
- Designed for static brake use with the possibility of intervention only in emergency phases, but with a rotation speed
- Good heat dissipation of the magnet body through the motor cover and the brake disc through the large aluminium surface. The coil of the electromagnet is completely cemented with epoxy resin, unless otherwise specified, and the mechanical parts are protected by galvanic treatment of galvanizing. The design of the brake in the energized state allows continuous operation without ventilation. Class F insulation;
- The brake allows a constant and high static torque to be developed, due to the particular design of the braking area, which is covered by a patent. There is no variation in the torque load derived from the springs, therefore a constant torque value is obtained over time;

For this type of brake, the calculation system shown in the catalogue is not applicable.

All operating characteristics. Excitation and de-energization times, as well as functionality in insulation class F and functional class S1, are guaranteed only with the use of rectifiers produced by Temporiti Srl, for all DC brakes in this site.

Code	Current	Static Braking Torque Nm	Max motor speed rpm	Max power W	Max noise dB	Weight kg
BS0-A						
		0.4	1500	7		0.38
BS0-B						
		0.4	1500	7		0.38
BS1-A						
		1.5	1500	13		0.72

Code	Current	Static Braking Torque Nm	Max motor speed rpm	Max power W	Max noise dB	Weight kg
BS1-B						
		1.5	1500	13		0.72
BS2						
		15	1500	16		0.9
BS3						
		31	1500	34		2
BS4						
		80	1500	55		10.5
BS4/D						
		160	1500	55		13
BS5						
		225	1500	75		21
BS5/D						
		450	1500	75		26

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP