

200S

GENERAL PURPOSE INDUSTRIAL BRAKES

Whether you are installing new equipment or updating existing systems, Magnetek has a heavy-duty, cost-effective brake for your application. Our brakes are designed with high-performance, reliability, and safety in mind.

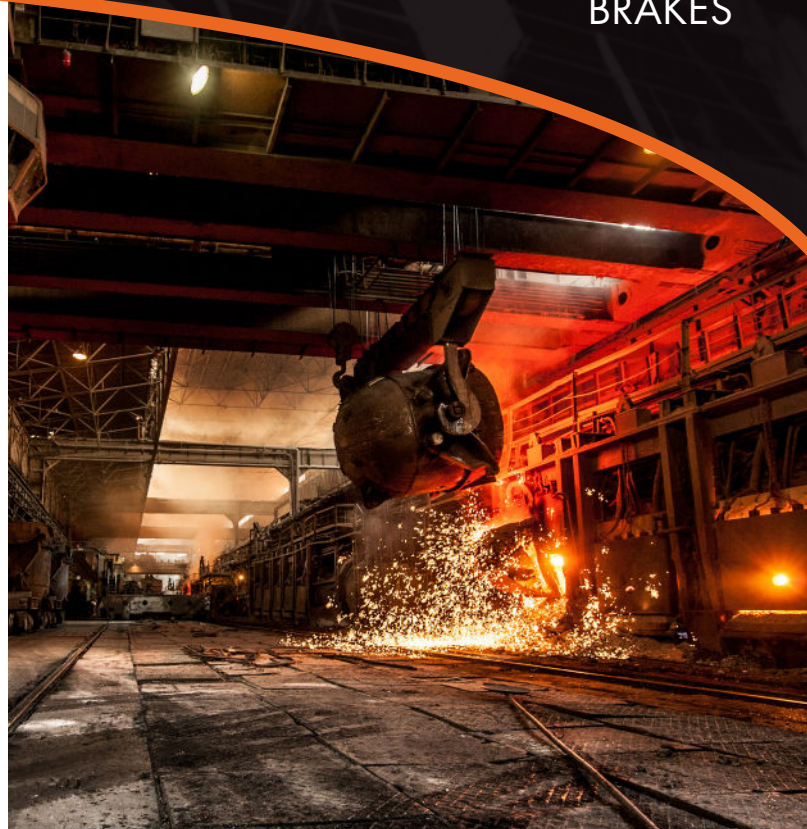
Designed with a minimum number of moving parts, these brakes provide long service life with reduced maintenance and downtime. 200S General Purpose Industrial Brakes are ideal for high-duty cycle industrial applications such as overhead cranes, conveyors, hoists, bridges, turntables, lock gates, and more.

FEATURES

- Spring-applied and electrically released — AC thruster or DC coil
- Easy retrofitting
- Complies with AIST/NEMA/DIN requirements
- Compact design, low shaft height ideal for cranes with low headroom
- Easy to install, adjust, and maintain
- Fast response times: standard units 2,000 cycles per hour
- Standard stainless steel pivot pins for longer service
- Highly reliable continuous-duty EMG ELDRO thruster used to release brake
- Floor and wall mounting
- Fabricated steel plate and cast steel construction
- Auto-Equalization: automatically equalizes and maintains running shoe clearance and maintains proper running, which provides balanced braking and equal brake pad wear
- Environmentally safe, non-asbestos, REACH-compliant brake linings offer a constant coefficient of friction over the normal operation temperature range

STANDARD OPTIONS

- Auto-Adjustment: automatically compensates for lining wear; eliminates time required to manually adjust linkages for brake shoe lining wear
- Externally adjustable, stepless time delays for set, release, or both
- Adjustable external torque spring with calibrated indicator (STE external spring brake type)
- Limit switches indicating brake release, brake set, and hand release
- Latching and non-latching manual hand release
- Nitride Corrosion Protection
- Explosion-proof AC thruster
- Special colors upon request



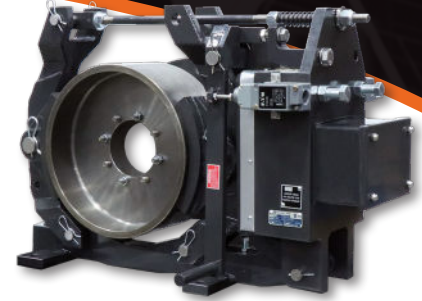
MAGNETEK
MATERIAL HANDLING

MONDEL

YOUR ONE-STOP SOURCE FOR MATERIAL HANDLING CONTROL SOLUTIONS

MSA—DC MAGNET

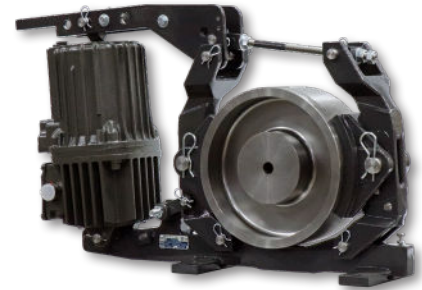
- Mondel standard footprint to provide lowest shaft height and headroom possible
- Magnet coils encapsulated in epoxy resin class F insulation
- Shunt: 12V through 550 VDC
- Series: 4A through 300A
- Options
 - Class H insulation
 - Forcing rectifiers: fast response for AC crane hoists
 - Constant potential rectifiers: for AC crane bridges, trolleys, etc.
 - Terminal box rectifiers: special applications – consult factory



MSA Brake

MST—3 PH. AC THRUSTER

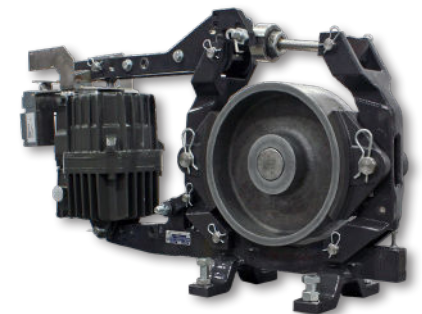
- Mondel standard footprint to provide lowest shaft height and headroom possible
- Continuously rated service < 70°C
- Standard supplies: 230/460, 208/575 VAC, 3 phase, 60 Hz
- Four adjustable configurations when built-in spring is used (ST internal spring brake type)



MST Brake

AST—3 PH. AC THRUSTER

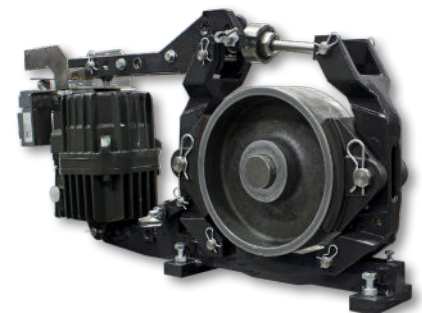
- AIST/AISE-NEMA: footprint, drum diameter, and torque requirements
- Continuously rated service < 70°C
- Standard supplies: 230/460, 208/575 VAC, 3 phase, 60 Hz
- Four adjustable configurations when built-in spring is used (ST internal spring brake type)



AST Brake

IST—3 PH. AC THRUSTER

- DIN 15435 Part 1: footprint, drum diameter, and torque requirements
- DIN 15435 Part 2: brake shoe to fit DIN 15431 brake drums
- Continuously rated service < 70°C
- Standard supply: 230/400 VAC, 290/500 VAC, and 400/690 VAC, 3 phase, 50 Hz
- Four adjustable configurations when built-in spring is used (ST internal spring brake type)



IST Brake

For more information, contact Magnetek Material Handling or your local Magnetek Sales Representative.



MONDEL

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