

BEAR™ SERIES

HIGH PERFORMANCE RUBBER DOOR

Rugged Durability for Harsh Conditions.

From power plants and mining operations to pulp, paper and steel mills, the Bear™ Series of rubber doors is engineered for rugged industrial environments. Built for maximum uptime and minimal downtime, the heavy duty construction and industrial-grade rubber curtain offer exceptional durability.

The Bear Series is manufactured for Rytec by Warren Door, an industrial door pioneer with over 50 years of experience. With a superior manufacturing process and features, the Bear Series delivers unmatched reliability with minimal maintenance for extreme applications.



Industrial Strength - The high strength structural steel frame and black SBR rubber curtain are nearly indestructible. Rubber is resilient and flexible from -40°F to 180°F.

Virtually Maintenance-Free - Motorized operators, chain hoists and all moving parts are engineered for continuous use in rugged environments.

Assistive Counterbalance - Counterbalanced torsion spring assembly and springless barrel assemblies assist in opening and closing the door. Springs rated for standard 100,000 cycles or optional 200,000 cycles.

Wind Resistant - Withstands windloads of up to 88 mph (20 psf). The windlocks cleanly disengage if pressures exceed the windload rating. Higher windload ratings are obtainable.

Impactable - The curtain and bottom bar will release if accidentally hit. Door can be reset in minutes.

Safe - An electric safety reversing edge and one set of thru-beam photo eyes are standard. Two yellow reflective safety strips are integrated into every panel.

Bear in Mind Experience - Warren Door builds every Bear Series door exclusively for Rytec. Rooted in the heavy construction industry, they have the real world experience necessary to conquer the challenges of extreme environments.



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Bear Manual: BBR 1000

Min: 8'w x 8'h Max: 20'w x 20'h Speed: Manual

Includes manually operated double reduction chain hoist, black rubber curtain, bottom bar, guides, hood, idler barrel, counterbalanced torsion spring assembly and end brackets. Doors over 16' wide include vertical reinforcement strips. Doors over 18' wide include one interior or exterior-mounted traveling windbar.

Bear Motorized: BBR 2000

Min: 8'w x 8'h Max: 30'w x 30'h Speed: Opens up to 16" per second/Closes up to 12" per second

Includes single speed electric motor operator, operator-mounted control panel, black rubber curtain, bottom bar, guides, hood, idler barrel, counterbalanced torsion spring assembly, motor bracket, wall-mount bracket and end bracket. Includes wall-mounted push-button open/close/stop activator. Electric safety reversing edge and one set of thru-beam photo eyes. Doors over 16' wide include vertical reinforcement strips. Doors over 18' wide include one interior or exterior-mounted traveling windbar. Motorized models include manual chain hoist for non-powered operation.

Bear Motorized Springless: BBR 3000 Min: 14'w x 14'h Max: 24'w x 24'h Speed: Opens up to 36" per second/Closes up to 12" per second

Includes variable-speed SEW-Eurodrive electric motor operator, wall-mounted PLC control panel with timer, black rubber curtain, bottom bar, guides, hood, idler barrel, springless counterbalance, motor bracket, wall-mount bracket and end brackets. Electric safety reversing edge and one set of thru-beam photo eyes. System includes variable speed control for soft starts and soft stops and electric braking. Doors over 16' wide include vertical reinforcement strips. Doors over 18' wide include one interior or exterior-mounted traveling windbar. Motorized models include manual chain hoist for non-powered operation.

Options:

- ▶ Special sizes and configurations
- ▶ Gray or blue curtain options
- ▶ High cycle springs (200,000)
- ▶ Other rubber grades/thicknesses
- ▶ Low or high temperature rubber
- ▶ Logos or graphics on curtain
- ▶ Stainless steel components
- ▶ Motor operator cover
- ▶ Custom frame and hood colors
- ▶ Fail-safe electric safety edge (4-wire)
- ▶ Single/multiple bottom bar notches
- ▶ Pneumatic safety reversing edge
- ▶ Traveling windbars for high winds or pressures
- ▶ Additional safety stripes
- ▶ Windows: welded into curtain, 5"x18" or 24"x24"
- ▶ Activators: radio control with two remotes, motion detector, photo eye, floor loop and pull cord

Specifications:

Door Curtain: Two layers of Styrene Butadiene Rubber (SBR) each 1/8" (0.8mm) thick, 60 durometer; sandwiched with 1-ply, 110lbs (50kg) polyester cord center. Two yellow safety strips are standard.

Side Frames and Header: Standard one piece, preformed structural steel side frame guides with 11 gauge steel retainer. Steel barrel sized according to door size. Hood made of galvanized sheet metal. Frame and hood painted standard Rytec charcoal gray.

Safety Features: Electric safety reversing edge and one set of thru-beam photo eyes standard on motorized models.

Bottom Bar: Shear bolts snap-away at notches upon impact, leaving the curtain intact and undamaged. Door can be reset by simply straightening the bar and replacing the shear bolts.

Warranty: Two-year warranty on parts and workmanship. Limited lifetime warranty on curtain and side guides.

