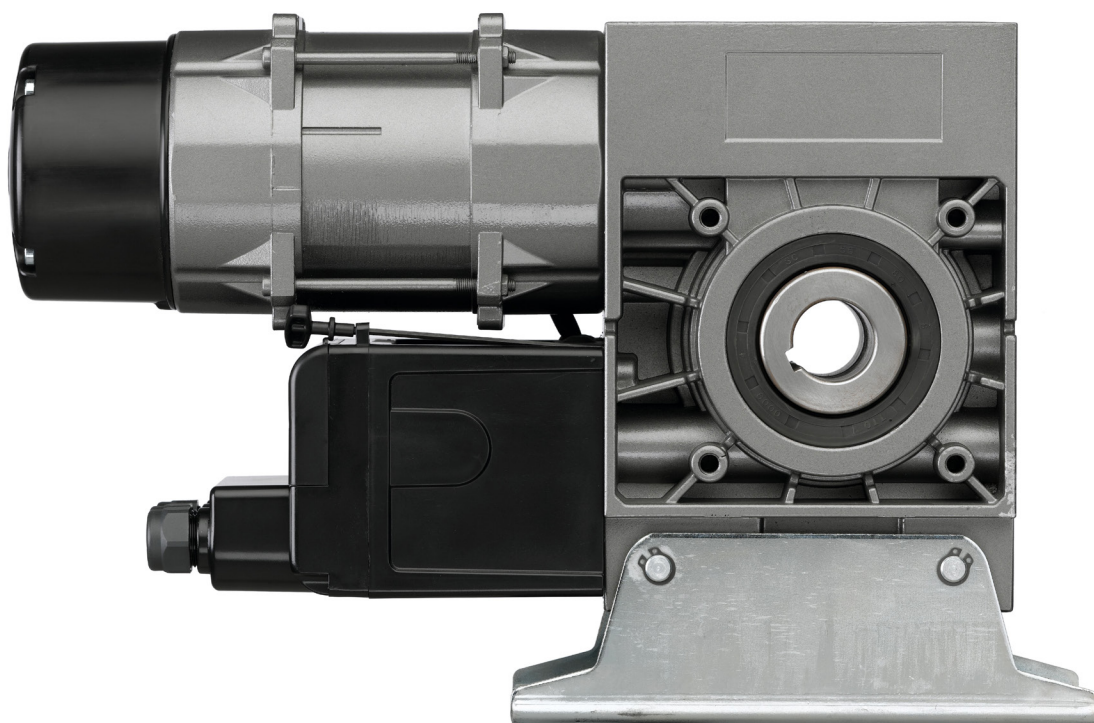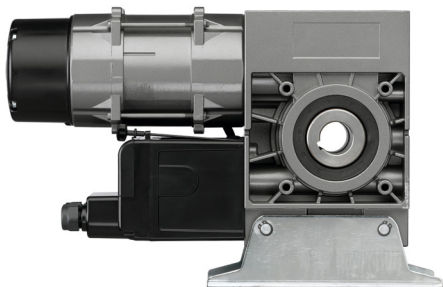marantec
engineered for you

MDF Series

Heavy Duty Commercial Operators for Large Rolling Steel Doors

Learn More

Marantec America Corporation
5705 Centerpoint Court
Gurnee, Illinois 60031
tel: 1-888-622-2489
www.marantecamerica.com

MDF Series

CS 320 External Control Box
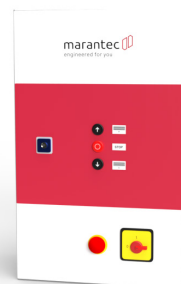

*for illustration purposes only

Features: MDF Series

- Direct-drive AC motor with thermal protection.
- Safety Catch Device .
- Can be installed and programmed in minutes.
- Direct drive operator, shaft side-mount installation.
- Electronic limits with absolute encoder.
- Optional 315 HZ module radio receiver able to connect to unlimited transmitters.
- Programming takes place via a pluggable LCD monitor.
- Optional version with frequency inverter available that allows for variable speeds.
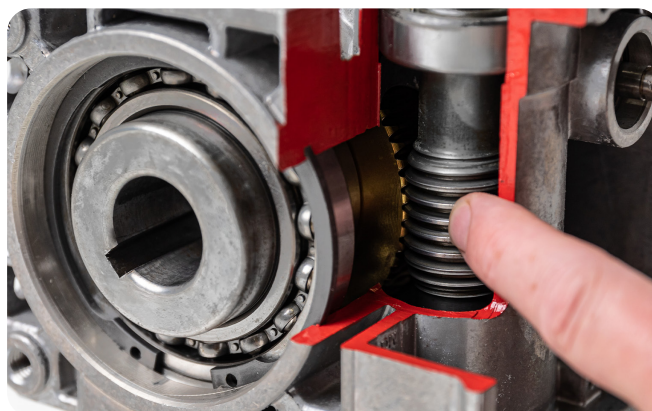
Features: CS 320 External Control Box

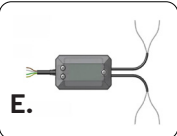- Designed for use in industrial areas on most types of commercial doors.
- Integrated 3 button Open-Close-Stop for standard operation.
- Works with Marantec commercial operators featuring an electronic absolute encoder or mechanical limit switch (MEC) or an electronic limit position system (AWG).
- Connects to multiple command and safety devices.
- IP 65 and NEMA rated.
- UL 325 Commercial Listed

Technical Data

Description	MTZ
Drive Motor Speed min-1	45-156
Maximum Safety Catch Torque	309
Static Holding Torque	N/A
Power Specs	480V/60Hz/3 Phase
Control Voltage	24V
Maximum Cycles per Hour	45
Maximum Cycles per Day	1080
Temperature Range	-4 F / 140 F
Countinuous Sound Pressure Level	< 70
Unit Weight	41.9 lbs
Maximum Output Revolutions	13
Shaft Diameter	1" or 1.25"
Connection to the Drive Shaft	Direct

Accessories

Item	Part No.	Description
A	158766	**315 Mhz Remote Activation Kit** Includes: 2 button remote, receiver, and remote holder
B	64976	**Drive Shaft Adapter - Keyed Solid Shaft 1"**
C	185016	**Industrial Photo Eyes** Indoor use, NEMA 1 rated, max. range of 30 ft.
D	185017	**NEMA 4x Photo Eyes** Flexible rubber housings resist water spray/ corrosion; indoor/outdoor use, IP65 rated; max range of 45 ft.
E	185018	**Connect Kit for Dual Photo Eye Configuration**
F	159261	**Signal Light 950 - Amber**
G	148414	**Light 100 Red/Green Traffic Light** (Not Pictured)

A. **B.** **C.** **D.** **E.** **F.**

Backed by our
2 Years or 40,000 Cycles Warranty

c(UL)us | IDA International Door Association | DASMA | I.C./ F.C.C. Certified

marantec
engineered for you

Operator Dimensions