



TRANS- SPEED

FAST, QUIET AND FOR
AREAS WITH STRONG DRAFT

**ITW**
INDUSTRIETORE

WWW.ITW-TORSYSTEME.DE

PRODUCT DESCRIPTION

CURTAIN

PVC-coated fabric incl. large viewing window with permanent curtain-tension

GUIDE RAIL

Pre-finished, sturdy, self-supporting, galvanized guide rails with bearing brackets for the intake of the sufficiently dimensioned flange bearings, the winding-shaft and the fixation of the drive. An integrated tensioning-system in the guide rails keeps the curtain under tension in any position.

SURFACE

Guide rail painted in RAL colour of your choice or in stainless steel.

FITTING

Direct drive frequency controlled motor, drive side either left or right. Emergency opening by emergency hand crank.

DRIVE AND CONTROL SYSTEM

Microprocessor control unit DR2100 with main switch and integrated frequency converter, 230V/50Hz. Display for menu and error display. Including emergency switch and triple push-button integrated in steel control cabinet (IP54). Automatic closing with adjustable stay-open time.

ADDITIONAL EQUIPMENT

- Bale and motor cover
- Safety devices: light-barrier, anti-crash-system, blinking- and/or rotating- light
- Pulse-transmitters: push-buttons, key-switch, pull-switch, coding-switch, radar-detectors
- Radio-transmitters (remote-control)
- Induction-loop
- Mechanical and/or electrical locking
- Slide rail heater
- Steel-wind-pressure-bar for wind resistance class 2

SPECIAL CURTAIN

PVC approx. 3 mm with 2 fabric inlays, viewing window and integrated spring steel wind-pressure-bars for wind resistance class 3. PVC transparent with lateral fabric strips, insect screen complete or partial. Frost-proof PVC-CURTAIN for freezer areas.

SPEED

Opening speed up to 2,0 m/s

Closing speed up to 0,8 m/s

RESISTANCE AGAINST WIND LOADS

Depending on construction type up to class 3

CURTAIN COLORS

- RAL 1018 Zinc yellow
- RAL 2004 Pure orange (CA)
- RAL 3002 Carmine red
- RAL 5010 Gentian blue (CA)
- RAL 7038 Agate grey (CA)



SCOPE OF APPLICATION



INDUSTRY



TRANSPORT



LOGISTICS



M. PROTECTION



FREEZER



SUPERMARKET



FOOD



ATEX



EMERGENCY EXIT

PRODUCT FEATURES

MOTOR COVER (OPTIONAL)

EMERGENCY OPENING
BY CRANK

DRIVE WITH FREQUENCY
CONVERTER



CONTROL SYSTEM

PVC FABRIC (1.5 MM)
IN 5 COLORS OR WITH
VISIBLE WINDOWS AND
WIND PRESSURE LOCKS
AVAILABLE

BALE COVER (OPTIONAL)

SELF-SUPPORTING
CONSTRUCTION

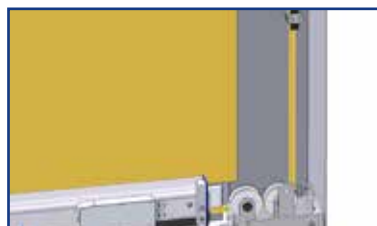
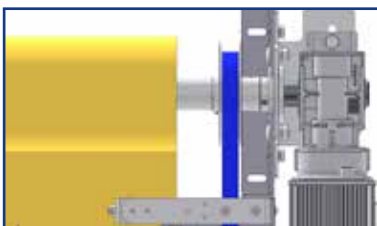
GALVANIZED
RUNNING RAILS

PERMANENT CURTAIN
TENSION

WEIGHT COMPENSATION
(OPTIONAL)

COLLISION
(OPTIONAL)

SELF-MONITORING,
ELECTRICAL SAFETY
LIGHT CURTAINS



THE ADVANTAGES AT A GLANCE:

- Various application such as escape route, refrigerated & freezer areas, ATEX, V2A
- Can be upgraded to wind class 3
- Various curtain versions (transparent with vertical fabric strips, transparent with Wind pressure bars, insect screens in connection with wind pressure viewing strip bars / viewing window)
- Different versions (permanent curtain tension, permanent curtain tension and weight compensation)
- Standard fabric: antistatic 1.5 mm
- Imprinted curtain (1.0 mm) up to size of 2.9 m width possible
- Installation friendly, self-supporting construction
- Optionally with anti-crash protection or contact free light curtain protection



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