

# TRANS- RAPID

ROBUST AND FLEXIBLE -

THE GATE FOR LARGE OPENINGS



[WWW.ITW-TORSYSTEME.DE](http://WWW.ITW-TORSYSTEME.DE)

# PRODUCT DESCRIPTION

## CURTAIN

PVC approx. 3 mm with two fabric inlays and viewing window, integrated steel wind-pressure-bars with lateral double-pair rollers and 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. Relief for motor and gear system due to weight-compensation by tension-spring system on which the tension belt is connected with the winding-shaft.

## SURFACE

Guide rail painted in RAL colour of your choice or galvanized.

## FITTING

Minimum lintel height of 580 mm, depending on door dimensions. Direct drive frequency controlled motor, drive side either left or right. Emergency opening by pull rope and manually by pushing open.

## 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

## SPEED

Opening speed up to 3,0 m/s  
Closing speed up to 1,0 m/s

## RESISTANCE AGAINST WIND LOADS

Class 3

## CURTAIN COLORS

RAL 2004 Pure orange



RAL 5010 Gentian blue



RAL 7038 Agate grey



## SCOPE OF APPLICATION



INDUSTRY



TRANSPORT



LOGISTICS



AUTOMOTIVE

# PRODUCT FEATURES

EMERGENCY OPENING BY WEIGHT COMPENSATION WITH PULL ROPE OR EMERGENCY CHAIN

MOTOR COVER (OPTIONAL)

BALL COVER (OPTIONAL)

DRIVE WITH FREQUENCY CONVERTER

SELF-SUPPORTING CONSTRUCTION



CONTROL SYSTEM

GALVANIZED SLIDE RAILS

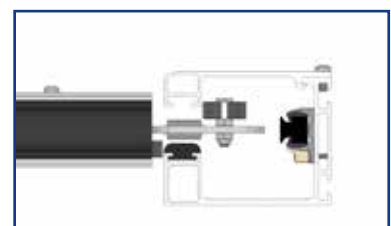
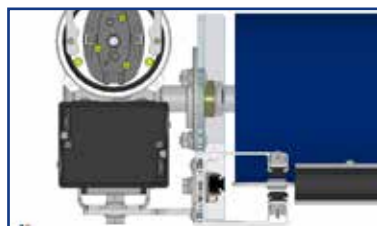
PERMANENT CURTAIN TENSION AND WEIGHT COMPENSATION

PVC FABRIC (3.0 MM)  
AVAILABLE IN 3 COLORS OR WITH VISIBLE WINDOW

SELF-MONITORING,  
ELECTRICAL SAFETY  
LIGHT-BARRIER

STEEL WIND PRESSURE BARS AND LATERAL DOUBLE-PAIRED ROLLERS

TRANSMISSION OF THE CONTACT STRIP BY ENERGY CHAIN (NO SPIRAL CABLE)



## THE ADVANTAGES AT A GLANCE:

- Permanent curtain tension ensures safe and quiet door operation
- Large dimensions with high wind load 10,000 mm x 8,500 mm
- 3 mm double-layer fabric-curain
- Integrated internal steel wind pressure bars with ball-bearing, double-pair rollers
- Strong curtain tension due to gas pressure springs
- Rolls of wind pressure barsprotection supported on rectangular tubes



BRO-TRANSRAPID-EN01 | RESERVE TECHNICAL CHANGES

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