

T AB VD F

THOMAS Automatic Doorway Spill Barrier FM Approved



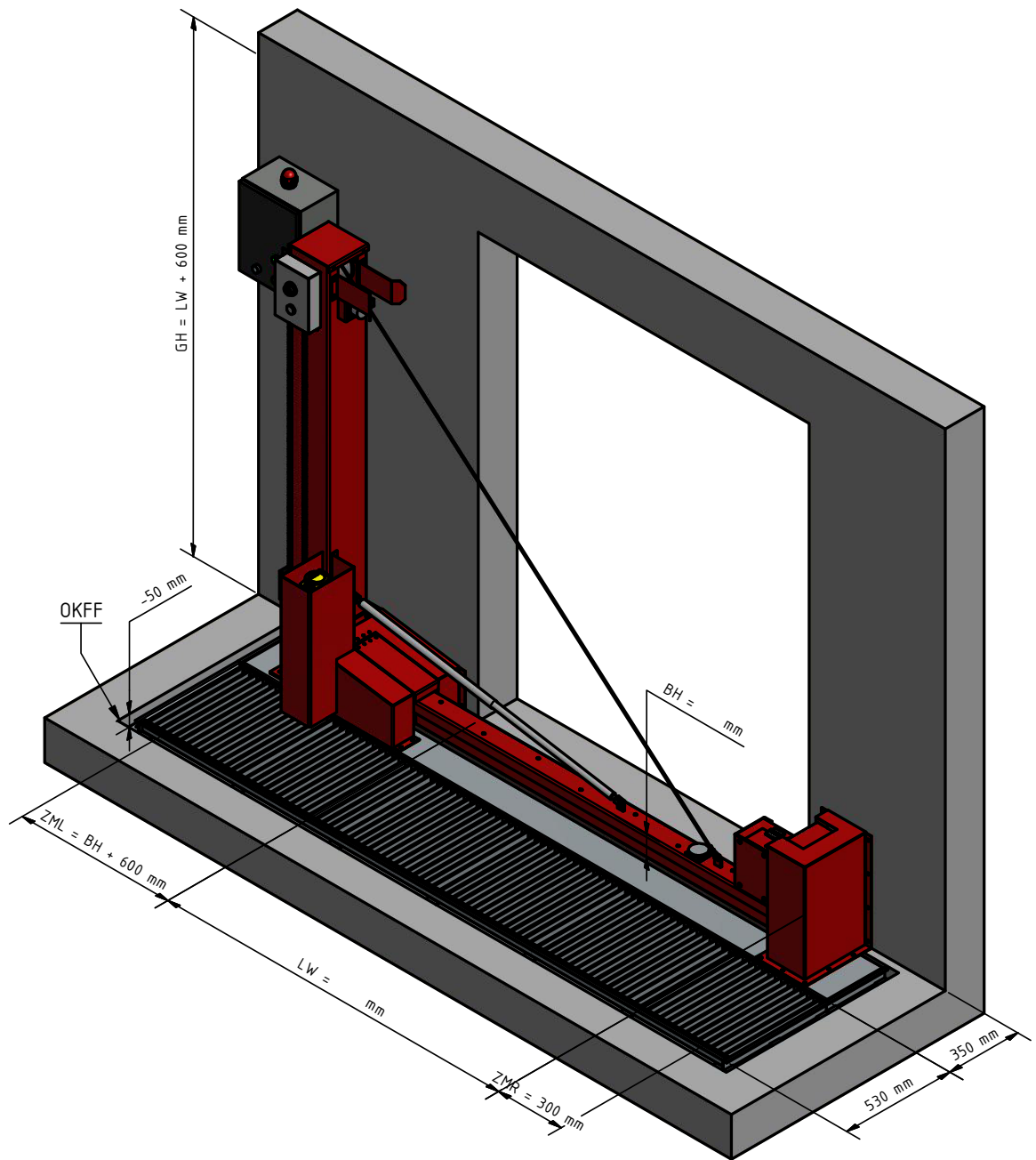
G 6080001



Korformfähigkeitsklärung
conformity declaration
déclaration de conformité

BASF
The Chemical Company

ZERTIFIKAT
CERTIFICATE
CERTIFICATE



LW	Lichte Weite	Clear Span	=	mm
GH	Gesamthöhe	Total height	~ LW + 600 mm	= mm
BH	Barrierenhöhe	Barrier height	=	mm
ZML	Zumaß links	Projection, left	~ BH + 600 mm	= mm
ZMR	Zumaß rechts	Projection, right	~ 300 mm	= mm
BL	Barrierenlänge	Barrier length	LW + 400 mm	= mm
WA	Wandabstand	Wall spacing	=	mm
Betriebsspannung Line voltage		120/230V		
Absicherung Fuse on Site		B16A		
Stromaufnahme Nom. current		1,1 / 0,7 A		

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High temperature resistant, according to Hydrocarbon curve over 30 minutes up to 1000 °C tested barrier, to retaining burning and non-burning, solid and liquid substances. Automatically and without external energy closing and secure sealing barrier - consists of a perpendicularly standing metal barrier body with revoluted joint and a barrier box on one side and a U-profile with impulse tensioner on the other side. The metal barrier is held at its vertical rest position by an electrical magnet.

When the standard liquid probe is triggered

- or the close button is pressed
- or there is a power blackout
- or any other alarm signals of the central alarm system are active,

then the closing process starts. The closing process is full automatically and without any external energy. From the vertical position of rest, the barrier rotates vertically and slowly to the horizontal closing position at the bottom into the U-profile. In the lower horizontal closed position arrived, the metal barrier is automatically locked by an impulse tensioner.

The unlocking of the tensioner is to do manually and the opening of the barrier is done by hand via chain or hand wheel.

FM class number 4985 produced, tested and approved barrier.

Type tested through FM Approvals.

Type tested through MPA Dresden.

Delivered and installed ready to use by us as professionals to WHG for light and highly flammable substances and water-polluting / non-combustible substances. However plus customs, travel costs, freight and packing.

Standard equipment	Possible additional options
<ul style="list-style-type: none"> • Full automatically closing process without external energy • High temperature protection shield on front and back of the barrier • High chemical resistant PTFE-coated special seals • Flame protection cover for all special seals on front and back • Channel System and sump steel grating in the floor in front of the barrier with a depth of about 50 mm to collect the leaking substances • Load class of the channel system: A15 - C 250 for overall load up to 25 tons (wheel loads 7,5/10 tons) • Automatic closing via liquid probe VS 63 • Automatic closing in case of power blackout • Manual activation via push button (green) • Automatic activation via external close signals (optional) • Reset push button (blue) • Optical ready indicator (green) • Optical pre warning and closing signal • Acoustic pre warning and closing signal • Cable laying in metal pipes • Electrical control with SIEMENS-components • Colour barrier: red RAL 3000 	<ul style="list-style-type: none"> • Electrical control with battery backup • Gas, smoke, thermal, fluid and pressure detectors • Central control and remote activation • Ex-proof design of the barrier • Ex-proof electrical control • Lock control monitoring • Impulse tensioner monitoring • Status signal output • Galvanized version • Stainless steel V2A version • PTFE-coated seals and surfaces • Higher load class of the channel system: up to A15 - D400 for overall load up to 40 tons (wheel load 12,5 tons) or A15 E600 for overall loads up to 60 tons • Collision protection

