



Automatic bollards H

With integrated hydraulic operator

- For high use frequencies (approx. 2000 cycles / day)
- Automatic lifting and lowering by integrated hydraulic operator
- Optionally with EFO emergency function (Emergency Fast Operation)
- Control unit can be extended to control multiple bollards simultaneously
- Distance between bollard and control unit of up to 80 m



	A 275-M30-900 H	A 275-M30-1200 H	A 275-M50-900 H	A 275-M50-1200 H
Diameter (mm)	273	273	271	271
Height (mm)	900	1200	900	1200
Technical data				
Speed, lifting (cm/s)	10	22	22	22
Speed, lowering (cm/s)	26	30	22	30
Load class acc. to EN 124	D400 (40 tonnes)	D400 (40 tonnes)	D400 (40 tonnes)	D400 (40 tonnes)
Manual lowering in case of power failure	●	●	●	●
EFO emergency function	○	○	○	○
Integrated hydraulic operator	●	●	●	●
Cycles (approx. per day)	2000	2000	2000	2000
Overall cycles (max. service life)	3000000	3000000	3000000	3000000
Certified acc. to	PAS68, IWA14-1, M30, K4	PAS68, IWA14-1, M30, K4	PAS68, IWA14-1, M50, K12	M50, K12, PAS68
Compliant with	-	-	-	IWA14-1
Impact energy with destruction (J)	750000	1200000	2000000	2000000
Impact energy without destruction (J)	250000	700000	700000	700000
Temperature range	-40 °C to +70 °C*	-40 °C to +70 °C*	-40 °C to +70 °C*	-40 °C to +70 °C*

● = Standard equipment ○ = Optional equipment - = Not available
 * For temperatures below -10°C, we recommend an optional heater

For information about the equipment options, see pages 50 – 53.

