



Barrier gate B680H

The **B680H barrier gate** is an advanced solution based on hybrid technology, combining the reliability of hydraulics with the precision of a brushless motor. Equipped with a “long-life” spring, it delivers over 2 million continuous duty cycles without the need for special maintenance, making it ideal for intensive use. Its unique design consists of only one model and two spring types, enabling the operation of segmented arms from 2 to 8 metres, in either right- or left-hand versions, with selectable opening speeds.

PRODUCT MAIN FEATURES

- ⌚ Hybrid technology: hydraulics + brushless motor
- ⌚ “Long-life” spring: over 2 million continuous duty cycles without special maintenance
- ⌚ Unique design: one barrier model and two springs for segmented arms from 2 to 8 m, right- or left-hand version, with various speed options



WHITE

GRAY



RED

NAVY

SET INCLUDES

- ◎ B680H barrier, hydraulic, 240W, 36V, 2 million cycles
- ◎ B680H barrier housing (red – RAL 3020)
- ◎ Spring with mounting bracket for "S" arm
- ◎ 3.3 m "S" arm for B614/B680 (other sizes on request)

TECHNICAL DATA

Model	B680H
Power supply voltage	100 - 240 V AC 50/60 Hz
Motor type	Brushless 36 V DC
Maximum power consumption	240 W
Housing material	Steel
Protective coating	100 µm anti-corrosion coating + polyester paint or stainless steel (inox)
Encoder	Absolute encoder
Deceleration type	Electronically via encoder
Protection rating	IP56 (TÜV certified)
Device weight	85 kg (65 kg base + 20 kg housing)
Dimensions (L×W×H)	469x279x1100 mm
Maximum boom length	8 m
Opening time	1.5 s (90° – 2 m) to 6 s (90° – 8 m)
Duty cycle	100 %
Housing colour	white / gray / red / navy