

Specification Sheets

Q Door





Title: Specification Sheet Q Door

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Product Range	: Q Door
Model	: Various
Description	: Bi folding Panel Door
Common Use	: Industrial
The Door Panel	: The door panel is made by robust steel reinforced stretch-frame holding pressure cast Polyurethane foam between outer coverings. The outer skin can be either plastic coated hot dipped galvanised steel or aluminium 0.7mm thick skin in a profiled or flat design. The pressure cast Polyurethane foam is completely Freon free making the door the most sturdy and resilient in its class. <i>*(Figure: Of 52Kg density / m³)</i> The reinforced stretch-frame is 5mm thick steel with anchor profiles to reinforce locks, hinges and mountings for incomparable durability.
Adjustable hinges	: Fixings that do move for operation proposes, have been designed on the basis of simplicity and heavy dimensioning to guarantee extremely low service cost and a long service life in respect of operating functions, corrossions, energy saving Etc. Two Specifically Developed Hinges That Provide Variations KGJQ- (Standard hinge) Normally used together with a steel plate door sil 100x100mm that is fitted to the floor. Each time the door moves the steel door is swept off; providing a flat and clean sealing surface. KGJQ is adjustable vertically. 3D Hinge - Is used on flat floors (or if the floor slopes towards the door). Multi dimensional adjustment and lifting movement. Roller bearing runs on the track and lifts the door while moving. To adjust the door and seal vertically and sideways.
<u>Secure Locking System</u>	
Electric operation	: All electric operated Q doors are automatic locking
Manual operation	: Q Door is operated and locked as standard on the inside using a padlock on an external cremone bolt. As an extra the cremone bolt can be fitted with a cylinder lock (excl. cyl.)
Sealing System	: It is important that the door is equipped with a sealing system that withstands ageing that is why there are four different corner-sealing joints placed around the door. The rubber sealing system gives the door the markets best Insulation and tightness tested values for insulation



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Insulated to European Standards	: Q doors F4's Sealing system complies with this top European requirement, but at three times the pressure! <i>*(Figures: The top European class 3 for air leakage describes air leakage (T Value) as at best 1.5m³/m²/h at 50 Pa pressure. I.e. 1.5 m³ / m² /h to 150 Pa)</i>
Windows	: Windows can be placed in variable combinations and sizes in the door panel as an extra. The standard windows have aluminium frames, with the option of powder coating. All window frames are constructed with an open thermal bridge and Toughened Insulated Double Glazed Glass as standard for insulation.
Operating Motor	The motor is simple, reliable and extremely durable. This virtually eliminated any maintenance costs. There are two versions of motor unit, which operate closing at the rate 8 or 12-second. This choice reduces heat loss by matching the correct speed motor with your access speed be it vehicle or pedestrian.
The Door holder	: When in the open position the door leafs are held back with the door holder for safety. The door holder engages and locks when the door is opened and is manually disengaged before closing. Alternatively doors that open inwards can be fitted with a gas spring controlled door holder with a semi automatic opening mechanism. When the set time limit is reached the door holder deactivates and allows the door to close automatically. No special actions are required to set or close the door.
<u>Safety Factor</u>	: Sensors disengage door movement Built within the sealing system are sensors, when an object touches the rubber seal the sensor is activated and disengaged movement of the door.
<u>Q Door Options</u>	: Customising the Q Door to Your Specification adapting Sections Windows Colour Entry door Opening inward opening or outward. Window Grille Door Stop Operation, Manual or electric
<u>Disclaimer</u>	HAG operates a policy of continuous improvement. Product specification may change and it is advisable to consult with HAG technical advisors before specifying or ordering.