

BS8300 / ADM Opening Force and Minimum Door Widths

The following Synergy door closing devices have been third party tested with Element Materials Laboratory and have been independently confirmed to have an opening force of less than 30N between 0 and 30° and less than 22.5N between 30 and 60° of the doors initial opening cycle when fitted to the below minimum door widths.

S500 (S524) Series:

830mm (Figure 1)
807mm (Figure 6)
823mm (Figure 61)

S600 Series:

796mm (Figure 1)
867mm (Figure 6)

S800 Series:

836mm (Figure 1)
874mm (Figure 6)

S1000 Series:

777mm (Door Mount Concealed Only)

S3400 Series:

833mm (Door Mount Pull Side)
850mm (Transom Mount Push Side)
870mm (Door Mount Push Side)
873mm (Transom Mount Pull Side)

S3500 Series:

860mm (Door Mount Pull Side)
800mm (Door Mount Push Side)

Please note: BS8300 recommendations are for the whole door set and these opening forces / minimum door widths are only achievable as part of a completely suitable door set package and will be affected by being combined with other hardware, seals, plus fitting and any differential air pressure contained within the building.

The door closing device on its own will not meet the recommendations contained within BS8300 and Approved Document M of the building regulations for England.

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