

# FN-M200

## folding glass door with heavy duty rail

### FOLDING SYSTEM



INAL® Frameless Folding door System, heavy type, with heavy duty certified aluminum rail 70 mm x 80 mm with **embedded stainless steel rod & certified stainless steel rollers**.

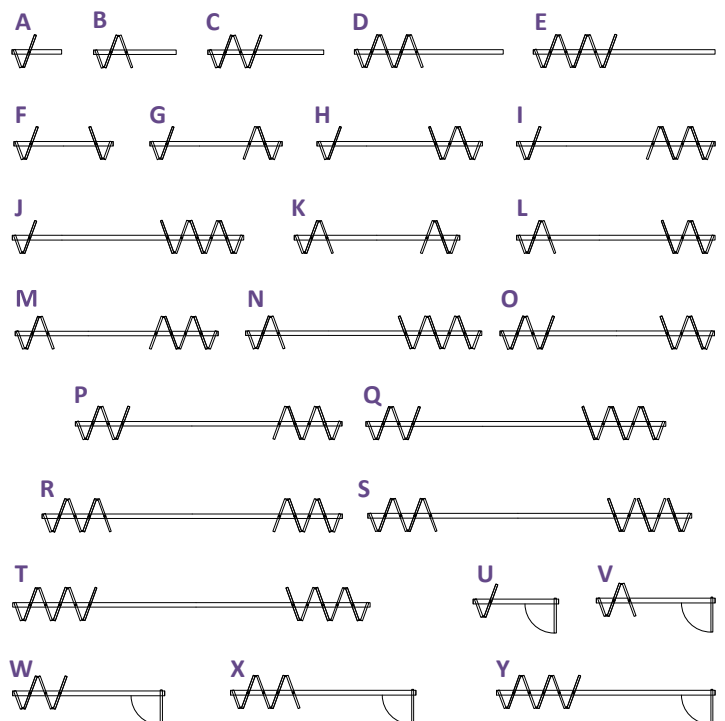
INAL Folding System FN-M200 use a heavy duty aluminum hinge at the upper and lower profile. The special design and high quality of hinges ensure functionality, durability and lifetime operation. Weather proofing with polycarbonate or PVC profiles between the panels. Locking with Stainless steel front or side bolts or locking with double locking lock mechanism.

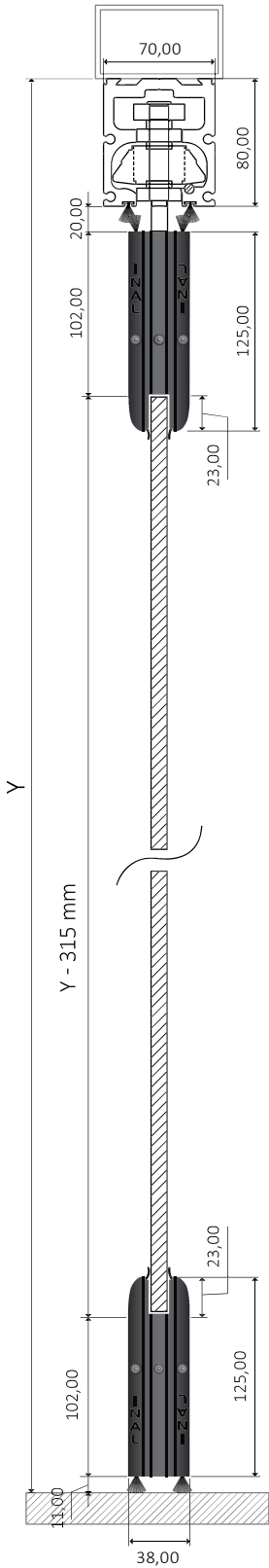
Available in Do It Yourself (DIY) or Made to measure upon request.

## technical specifications

Glass Type	Tempered or Laminated
Glass thickness	10- 12mm
Panel weight	max 90kg
Maximum panel width	1,00m
Maximum opening height	3,50m
Type of FN-M200 System	Front Locking
Finishing	Natural anodized, Satin anodized, RAL powder coating
Without floor guide, No glass cuttings required	

### PANEL STORAGE/FOLDING APPLICATIONS





Heavy duty aluminum rail 70x80 with embedded stainless steel rod  
**STRENGTH TEST:** 3.450kgr (165/049.01-1 N.T.U.A.).

INTERMETAL SA PATENT



Stainless steel roller PR200 with clamp support. **STRENGTH TEST:** 4.600kgr (165/049.01-2 N.T.U.A.).



Heavy duty hinges between the panels.



Durability and lifetime operation

**\***  
Middle folding option is also available in FN-M150 and FN-M100 models

## locking options

### FRONT LOCKING



Lock Mechanism with eurocylinder Key



Lock Mechanism with Half Cylinder and knob



Stainless Bolt



**NO FLOOR GUIDE REQUIRED**  
**NO GLASS CUTTINGS REQUIRED**

#### GLASS (TEMPERED) DIMENSION CALCULATION

Glass height (mm) =  $Y - 315\text{mm}$ , (Y = from the bottom of the steel beam)

Opening width (mm) = O.W.      Number of panels (without the half panel)(pcs) = P.N.

1st (half panel) glass width (mm) = G.W. 1      Glass width (rest panels) (mm) = G.W. N

$G.W.N. = \{O.W. - [(P.N. + 1) \times 3\text{mm}] + 83\text{mm}\}; (P.N. + 0,5)$

$G.W. 1 = (G.W.N. : 2) + 51\text{mm}$

#### GLASS (LAMINATED) DIMENSION CALCULATION

Glass height (mm) =  $Y - 300\text{mm}$ , (Y = from the bottom of the steel beam)

Opening width (mm) = O.W.      Number of panels (without the half panel)(pcs) = P.N.

1st (half panel) glass width (mm) = G.W. 1      Glass width (rest panels) (mm) = G.W. N

$G.W.N. = \{O.W. - [(P.N. + 1) \times 3\text{mm}] + 83\text{mm}\}; (P.N. + 0,5)$

$G.W. 1 = (G.W.N. : 2) + 51\text{mm}$