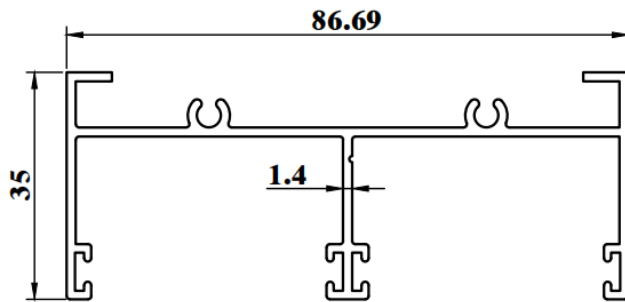
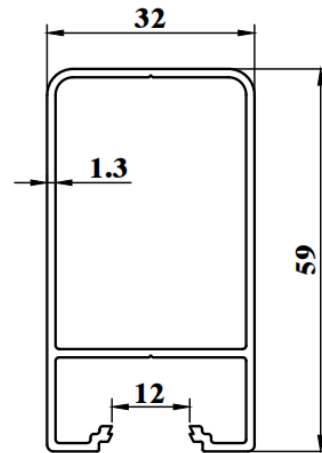
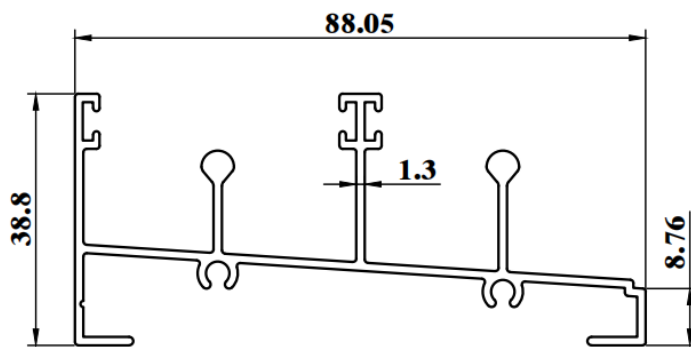




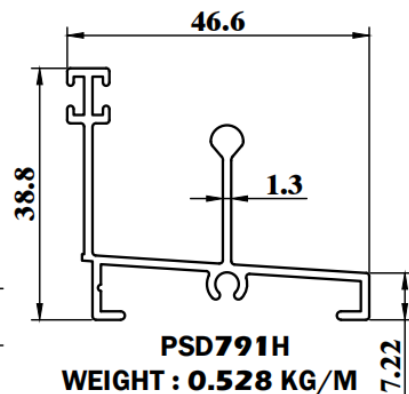
PSD780J
WEIGHT : 0.890 KG/M
AP : 469.15mm



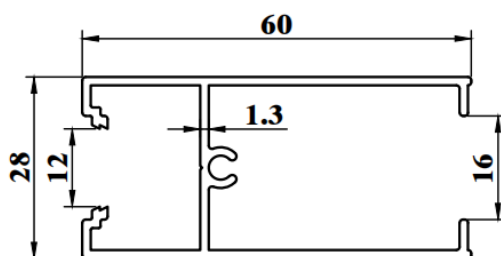
PSD786H
WEIGHT : 0.690 KG/M
AP : 249.63mm



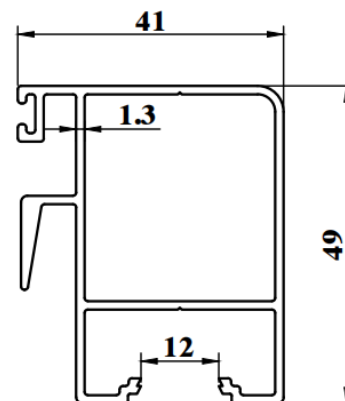
PSD790H
WEIGHT : 0.943 KG/M
AP : 497.67mm



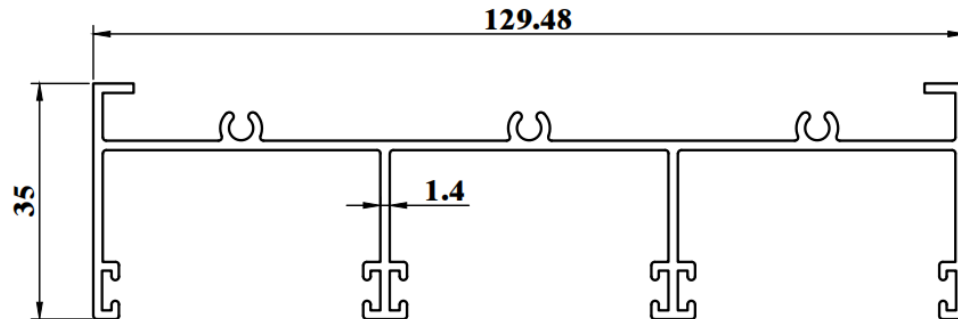
PSD791H
WEIGHT : 0.528 KG/M
AP : 282.22mm



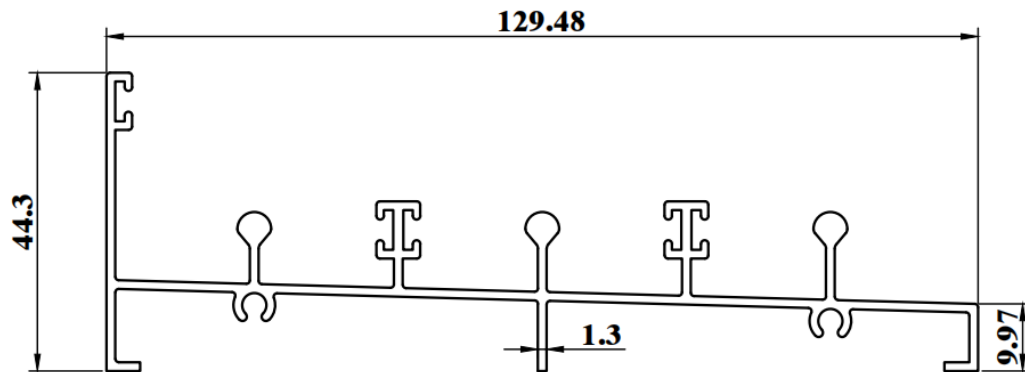
PSD785H
WEIGHT : 0.643 KG/M
AP : 361.04mm



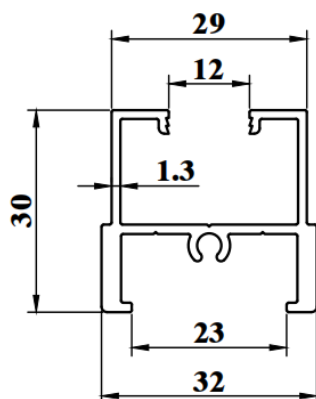
PSD787H
WEIGHT : 0.807 KG/M
AP : 312.18mm



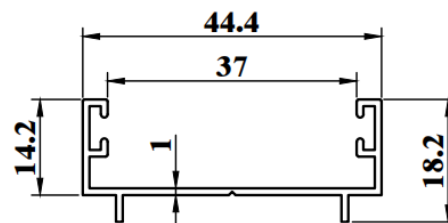
PSD781J
WEIGHT : 1.235 KG/M
AP : 648.75mm



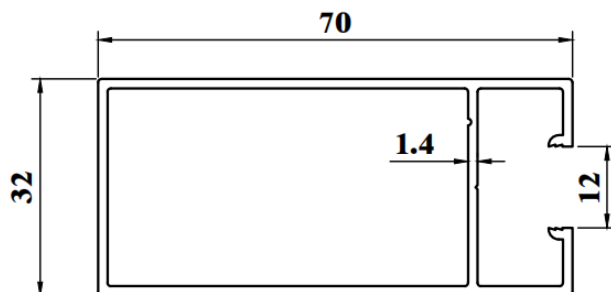
PSD784HB
WEIGHT : 1.221 KG/M
AP : 632.13mm



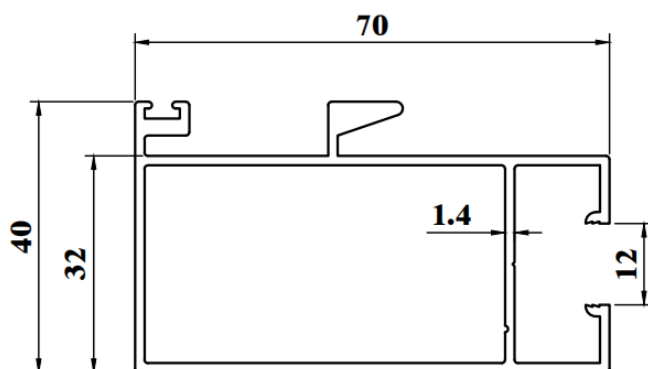
PSD799H
WEIGHT : 0.536 KG/M
AP : 238.61mm



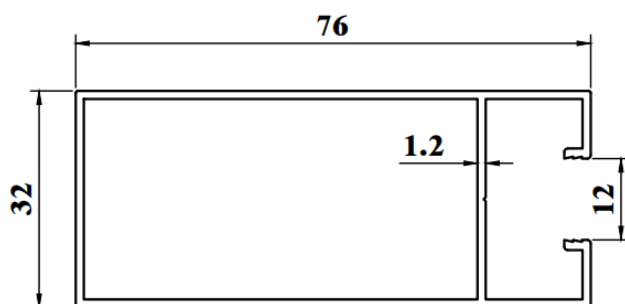
SSD755CB
WEIGHT : 0.260 KG/M
AP : 192.31mm



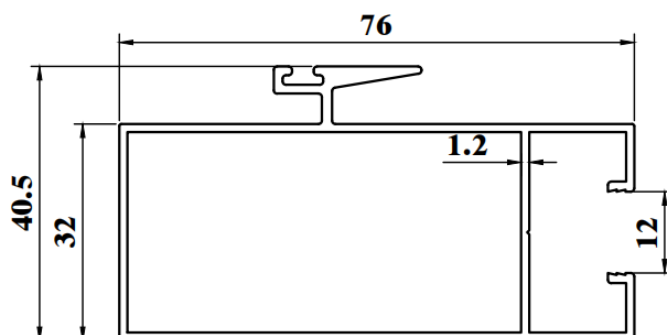
PSD792J
WEIGHT : 0.833 KG/M
AP : 273.42mm



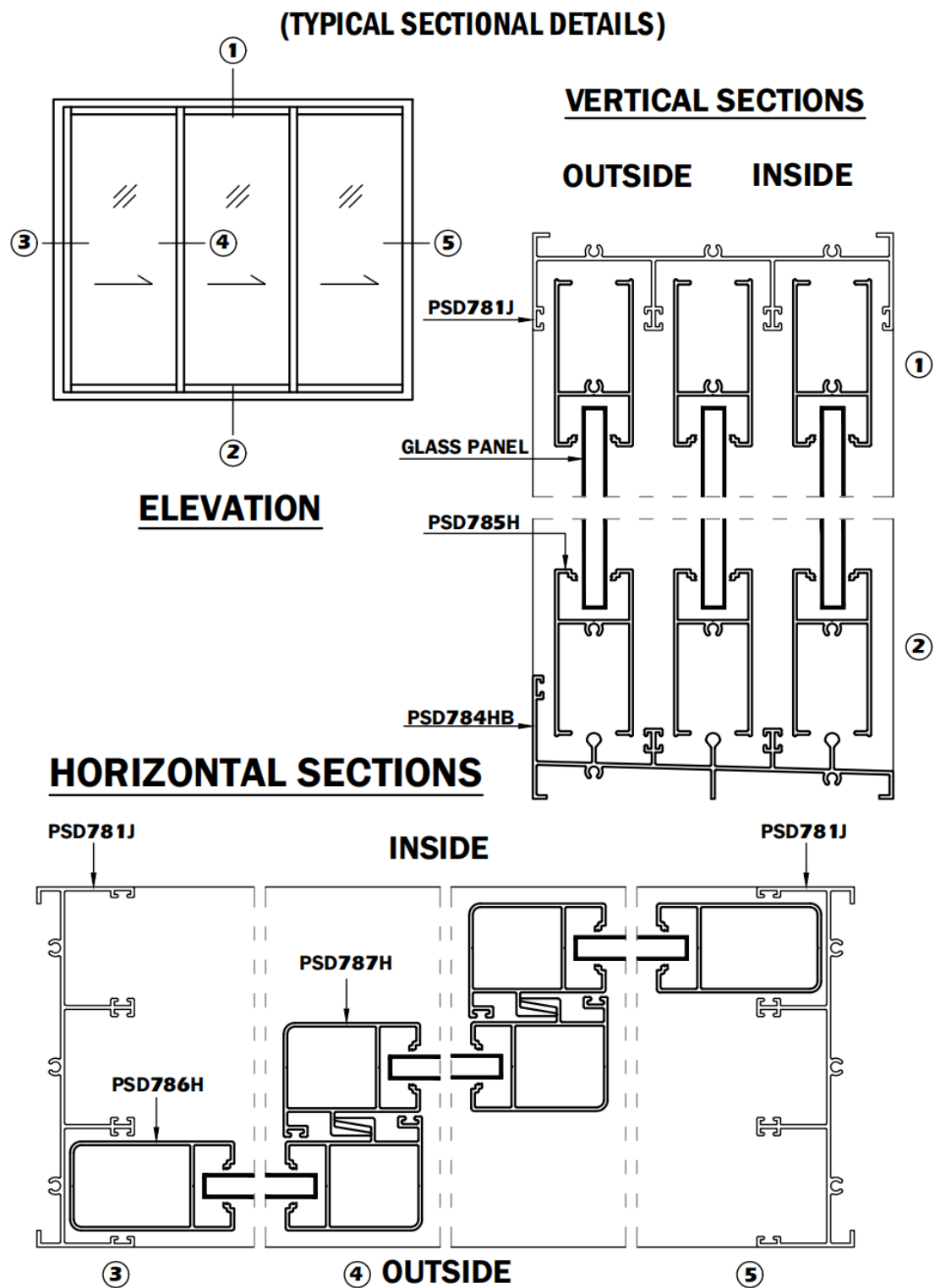
PSD795J
WEIGHT : 1.040 KG/M
AP : 342.36mm



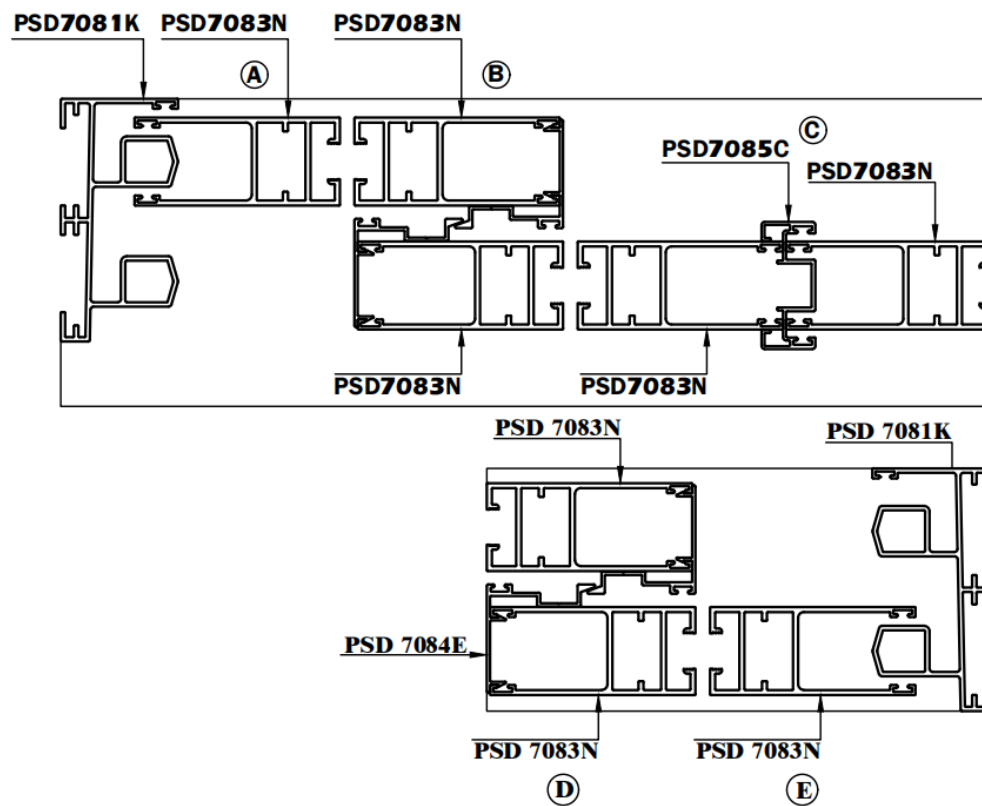
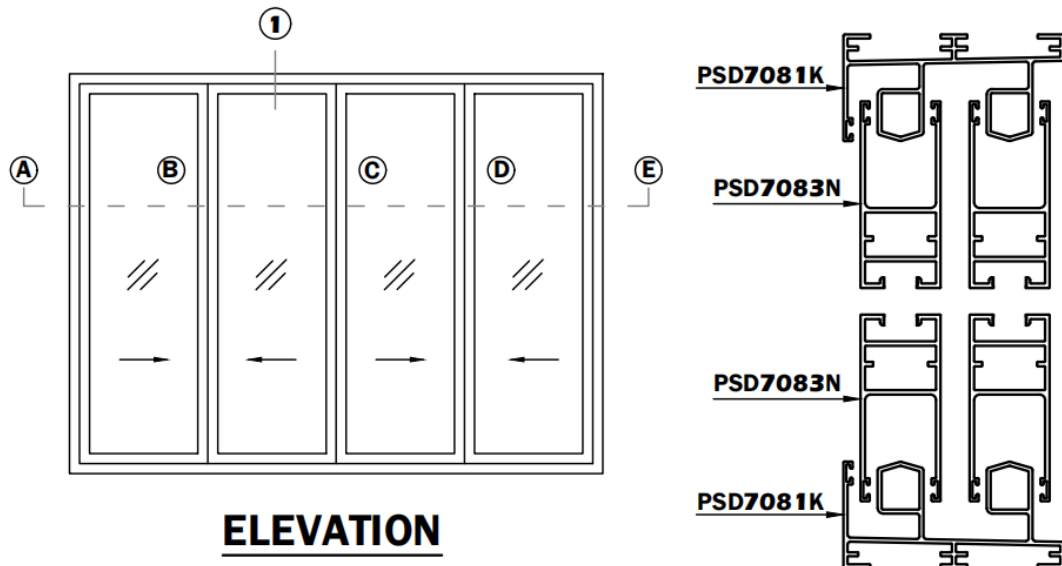
SSD797G
WEIGHT : 0.763 KG/M
AP : 293.21mm



SSD798G
WEIGHT : 0.915 KG/M
AP : 356.50mm

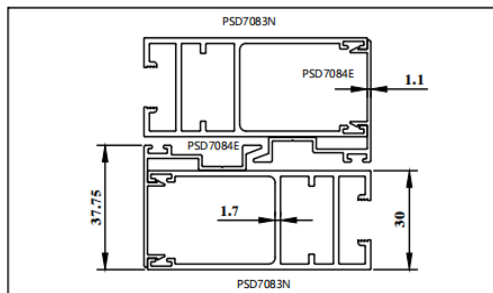


(TYPICAL SECTIONAL DETAILS)



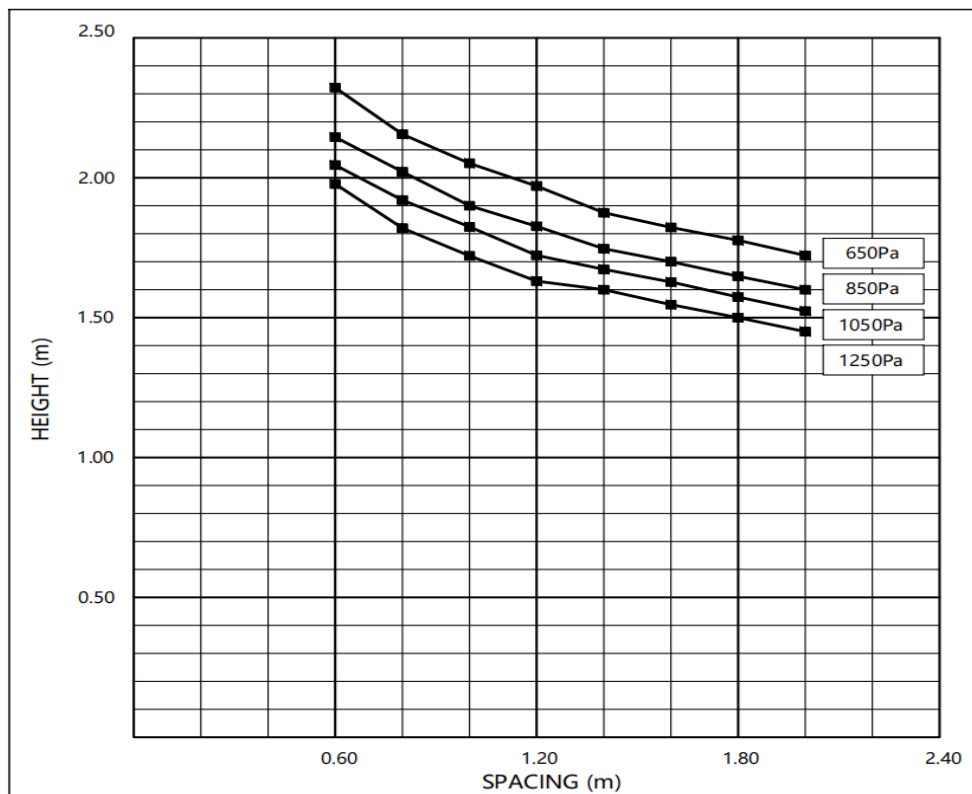
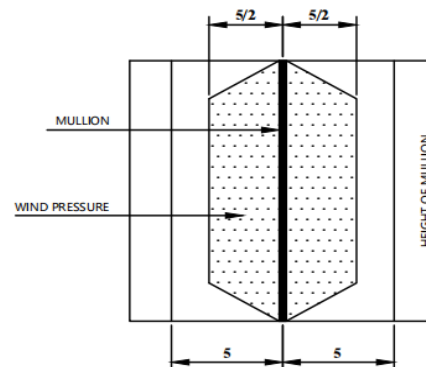
WIND LOAD CHART

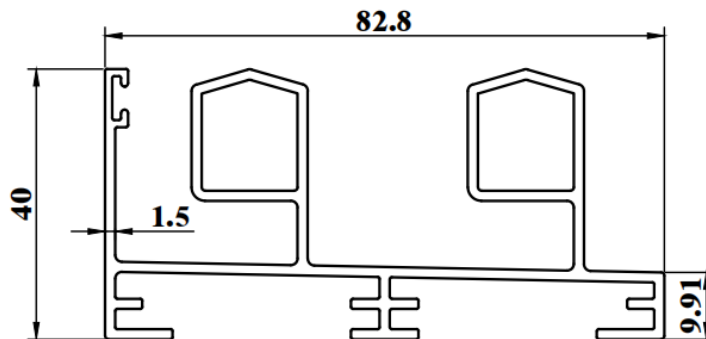
ALUMINIUM ALLOY: 6063-T5
MOMENT OF INERTIA: 114430 mm⁴
SECTION MODULUS: 9394 mm³
ELASTIC MODULUS: 70000 MPa
DEFLECTION LIMIT: L/175 OR 20mm (Max)



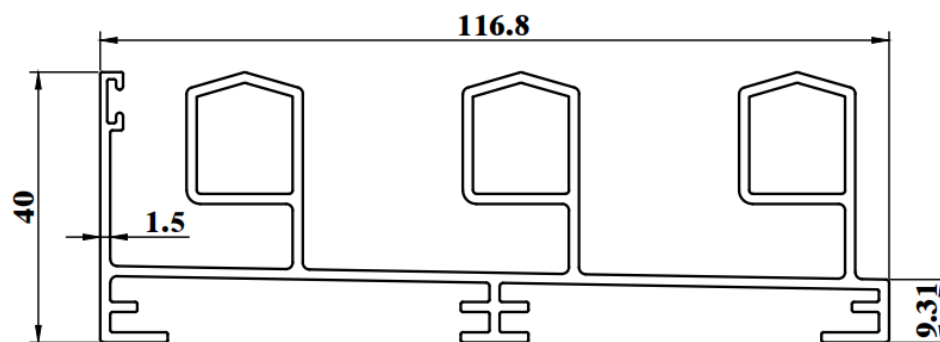
NOTE:

1. DESIGN WIND LOAD IS UNIFORMLY DISTRIBUTED ALONG MULLION.
2. NATURE OF ANCHOR IS SIMPLY SUPPORTED.

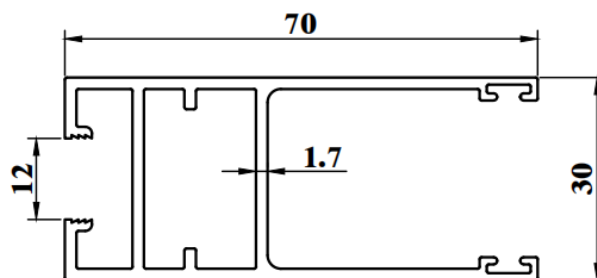




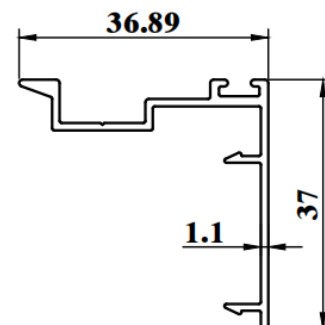
PSD7081K
WEIGHT : 1.342 KG/M
AP : 539.06mm



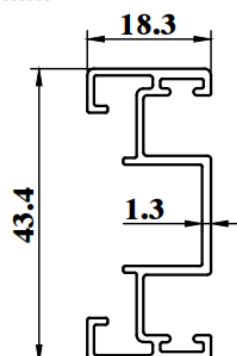
PSD7082K
WEIGHT : 1.779 KG/M
AP : 690.95mm



PSD7083N
WEIGHT : 1.019 KG/M
AP : 363.24mm

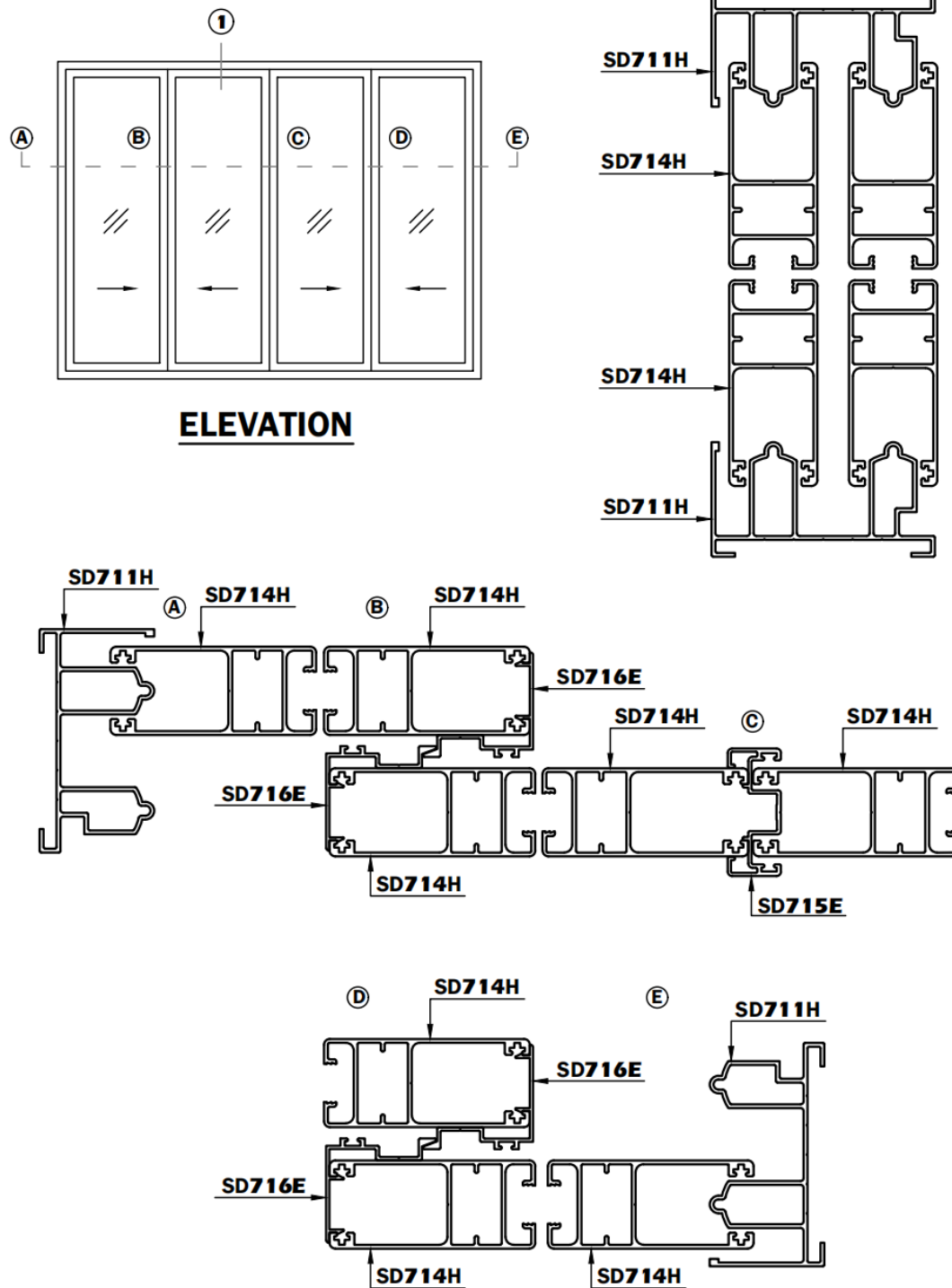


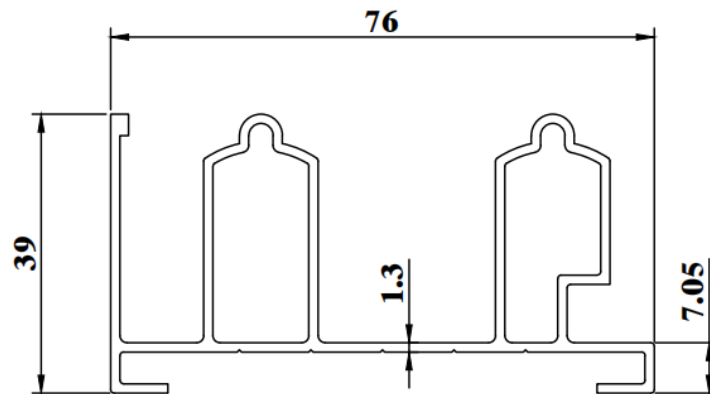
PSD7084E
WEIGHT : 0.309 KG/M
AP : 193.53mm



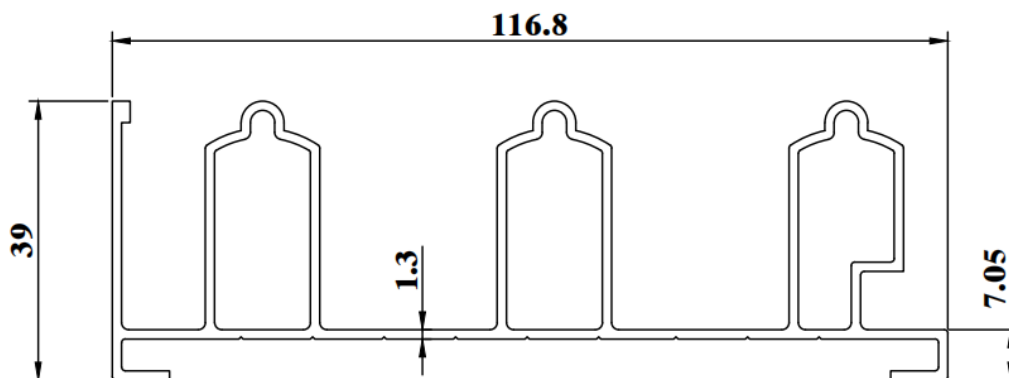
PSD7085C
WEIGHT : 0.408 KG/M
AP : 256.67mm

(TYPICAL SECTIONAL DETAILS)

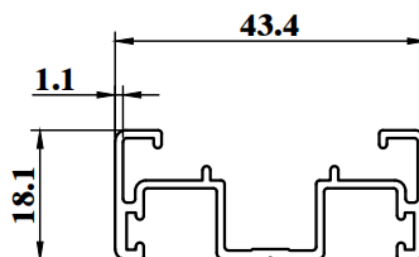




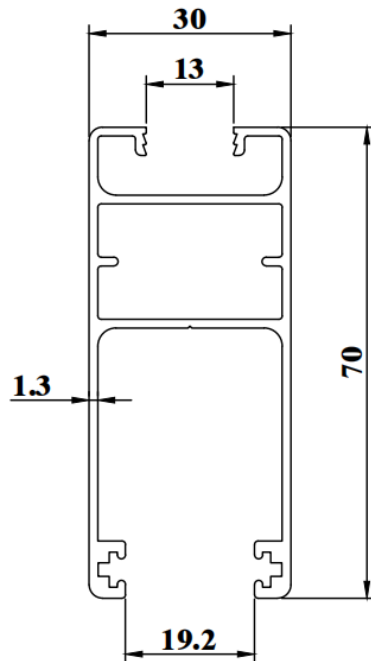
SD711H
WEIGHT : 1.010 KG/M
AP : 395.79mm



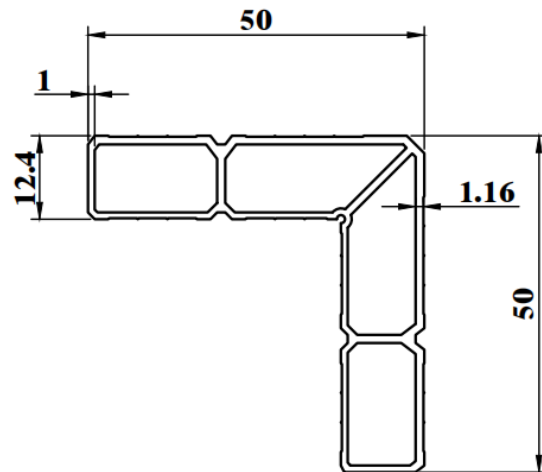
SD712H
WEIGHT : 1.408 KG/M
AP : 535.37mm



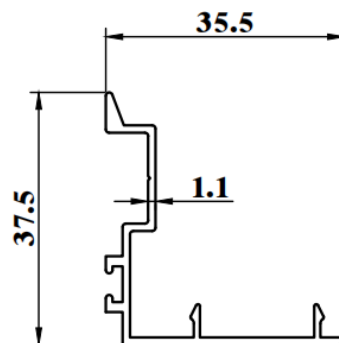
SD715E
WEIGHT : 0.414 KG/M
AP : 249.85 mm



SD714H
WEIGHT : 0.901 KG/M
AP : 371.06 mm

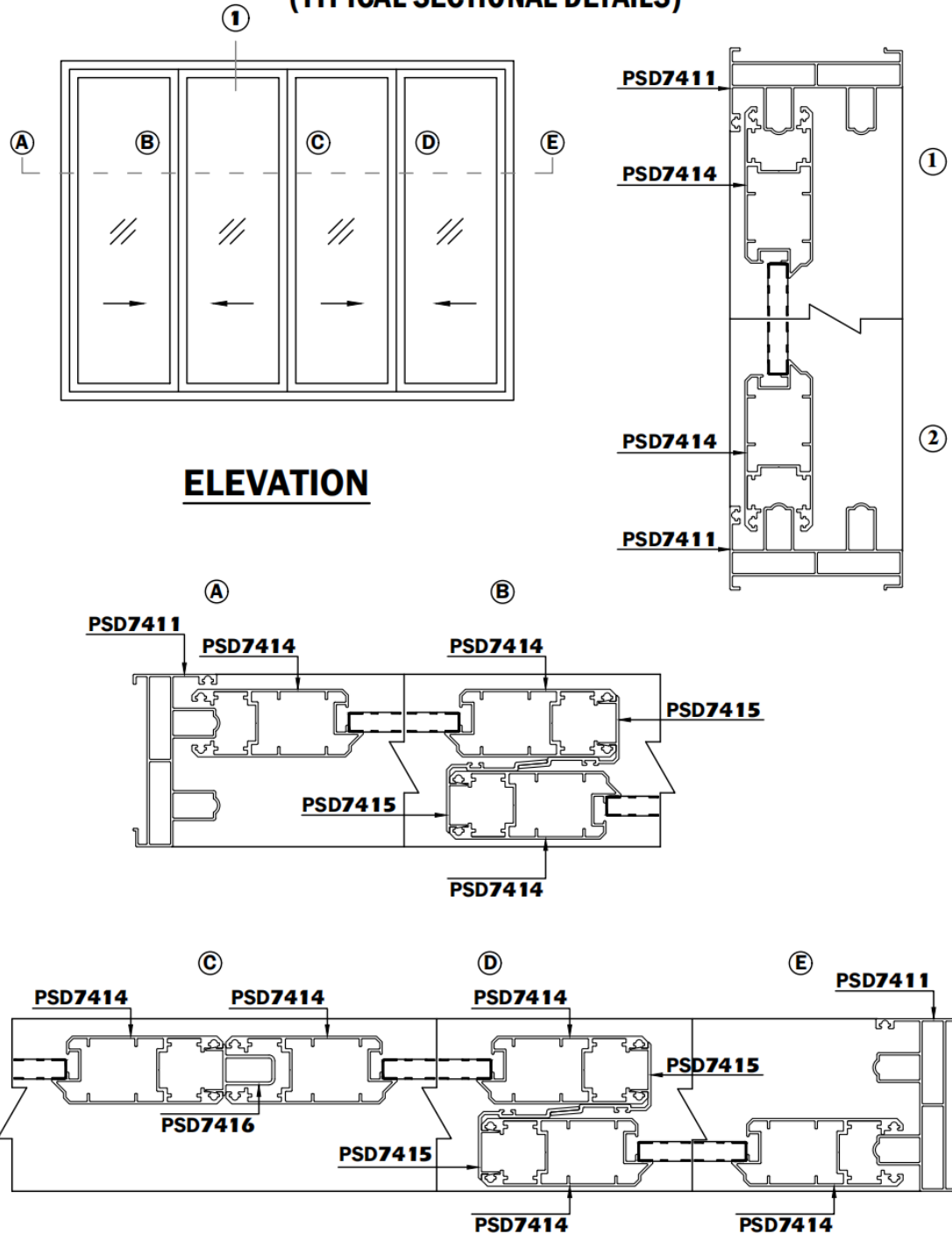


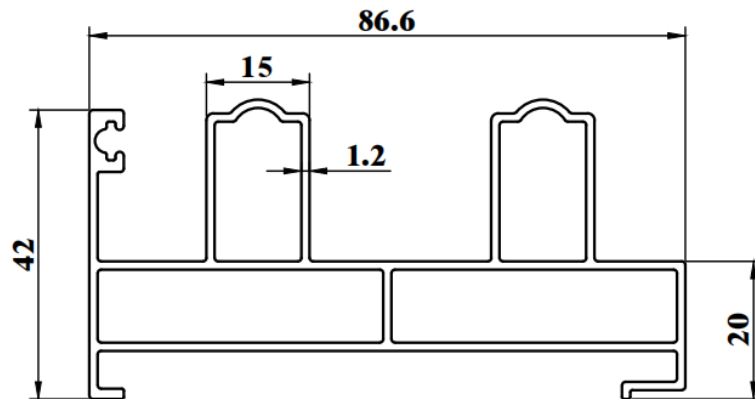
PSD19
WEIGHT : 0.672 KG/M
AP : 205.08 mm



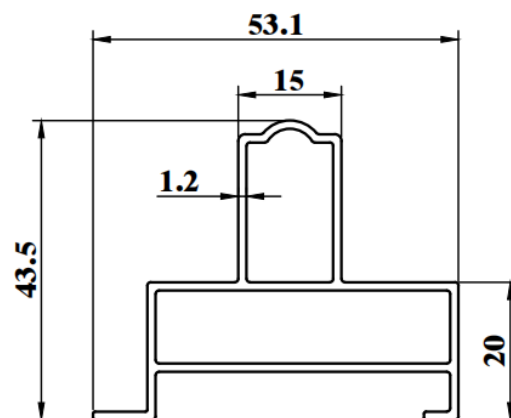
SD716E
WEIGHT : 0.296 KG/M
AP : 190.20 mm

(TYPICAL SECTIONAL DETAILS)

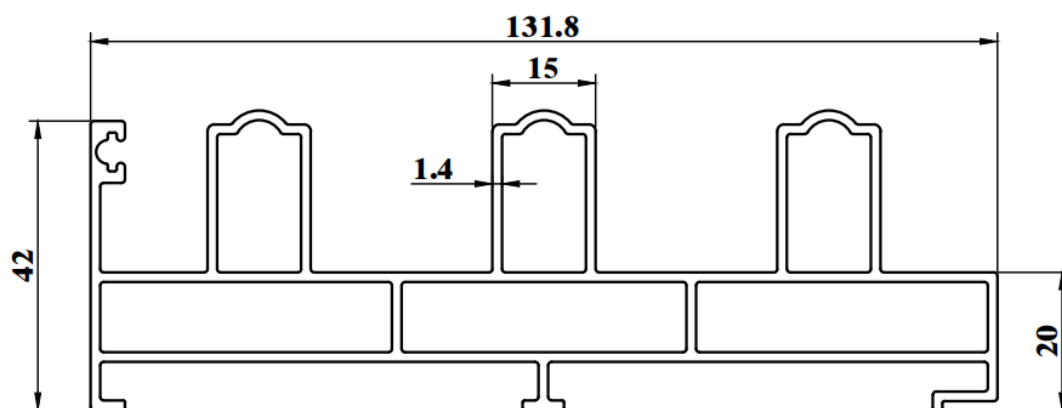




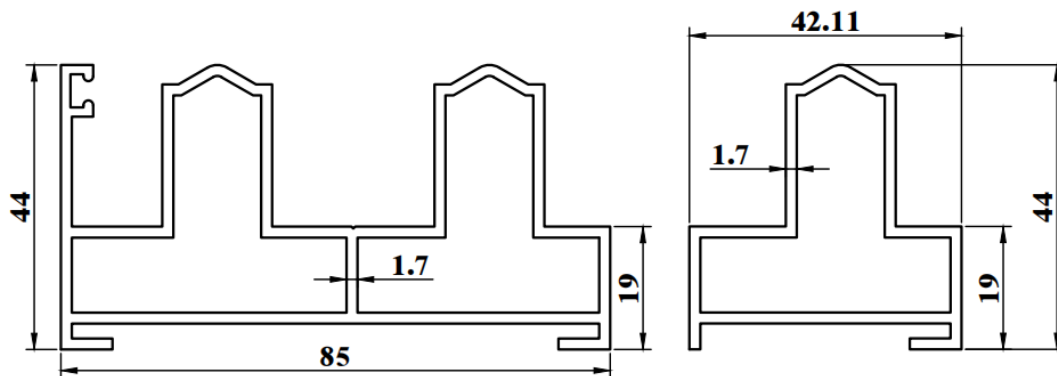
PSD7411
WEIGHT : 1.245 KG/M
AP : 394.89 mm



PSD7412
WEIGHT : 0.632 KG/M
AP : 208.58mm

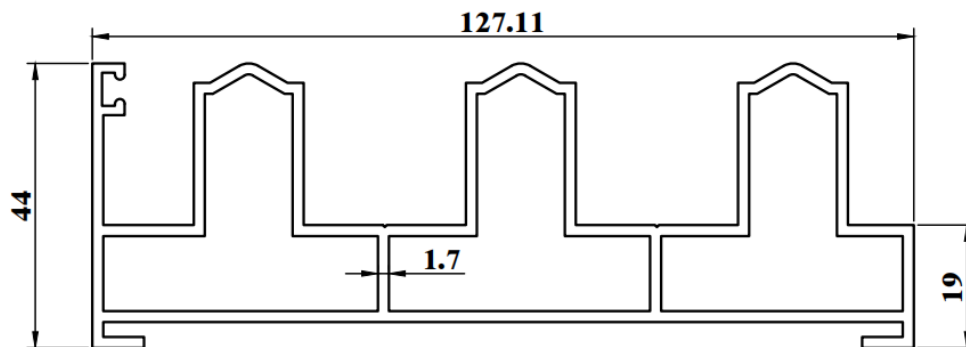


PSD7413
WEIGHT : 2.069 KG/M
AP : 549.15mm

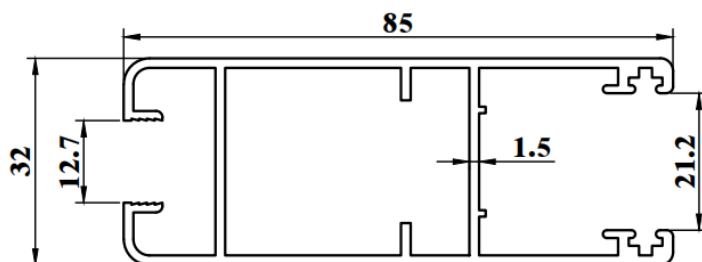


PSD02
WEIGHT : 1.603 KG/M
AP : 399.09mm

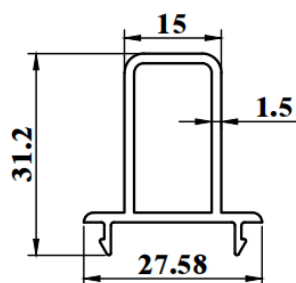
PSD11
WEIGHT : 0.771 KG/M
AP : 188.35mm



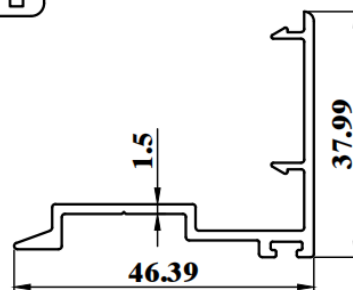
PSD03
WEIGHT : 2.254 KG/M
AP : 529.09mm



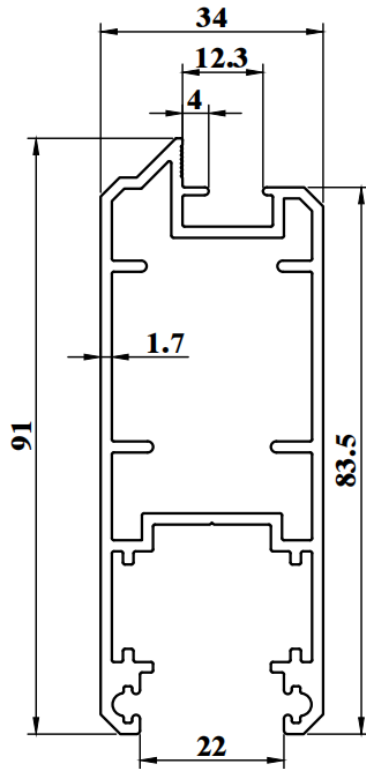
PSD13
WEIGHT : 1.175 KG/M
AP : 416.19mm



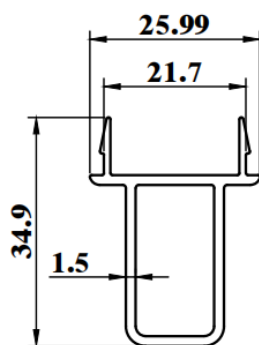
PSD15
WEIGHT : 0.380 KG/M
AP : 123.55mm



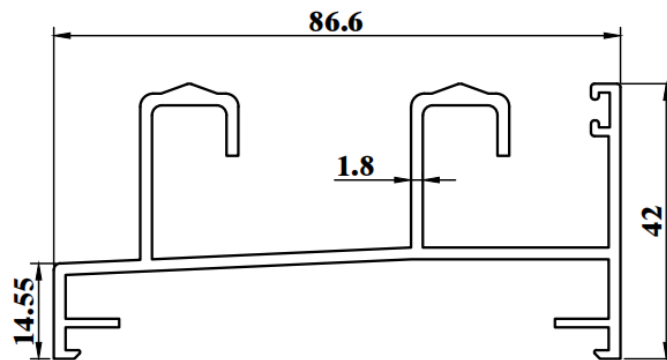
PSD14
WEIGHT : 0.433 KG/M
AP : 210.19mm



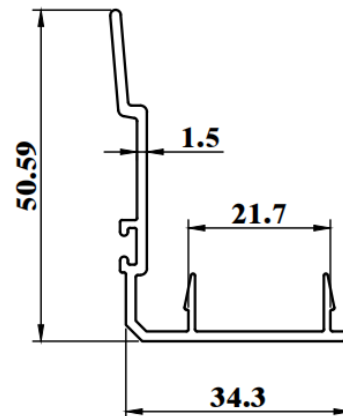
PSD53
WEIGHT : 1.499 KG/M
AP : 383.37mm



PSD7416
WEIGHT : 0.396 KG/M
AP : 134.06mm

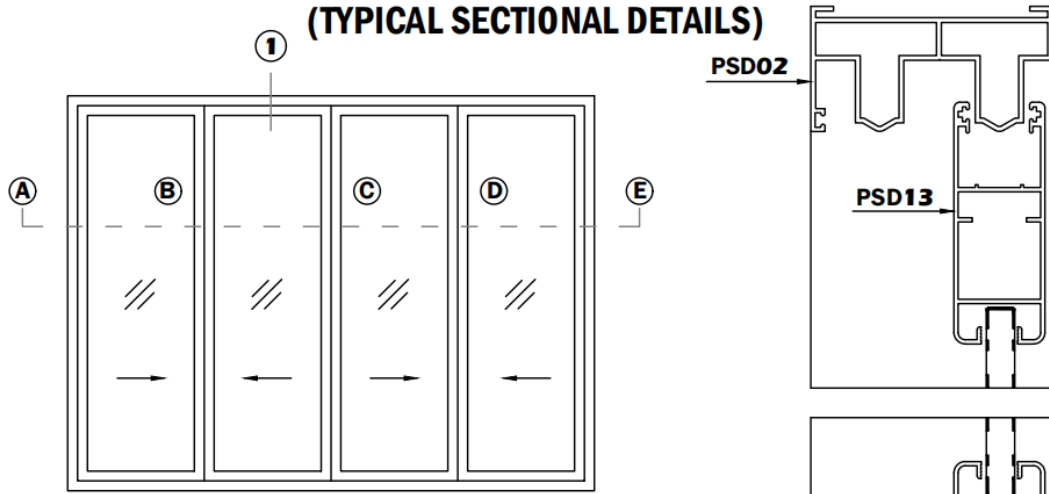


PSD51
WEIGHT : 1.249 KG/M
AP : 512.98mm

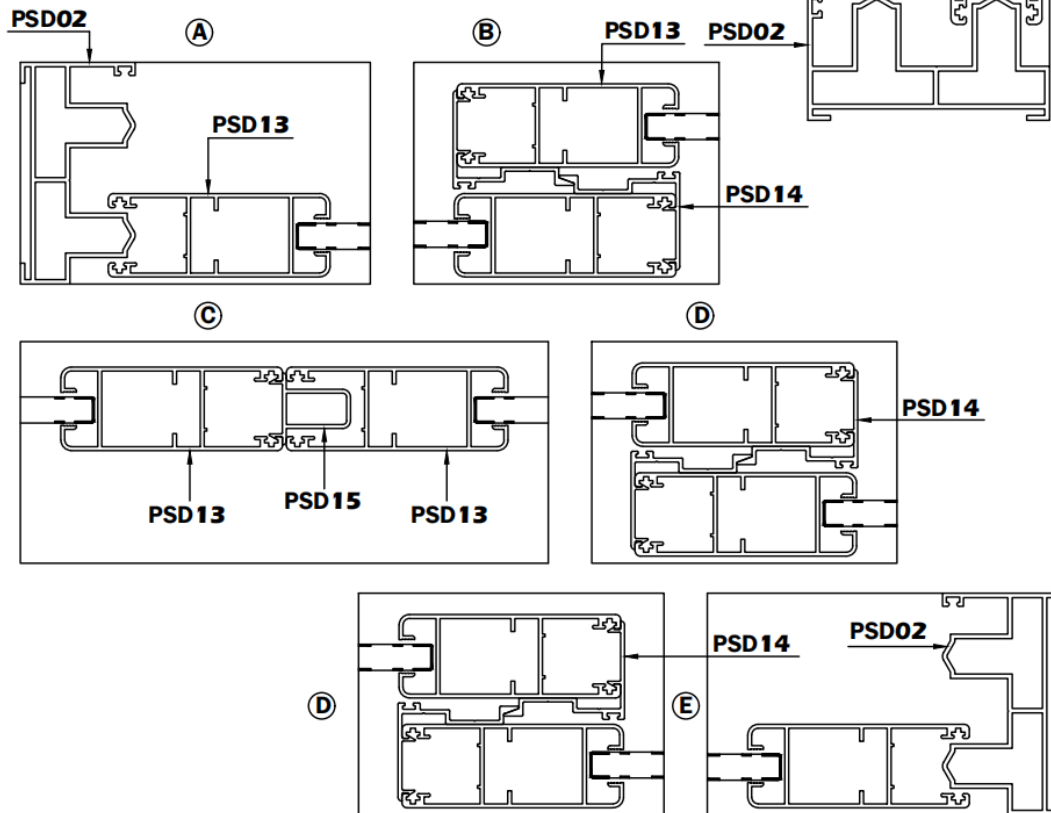


PSD7415
WEIGHT : 0.427 KG/M
AP : 217.09mm

(TYPICAL SECTIONAL DETAILS)

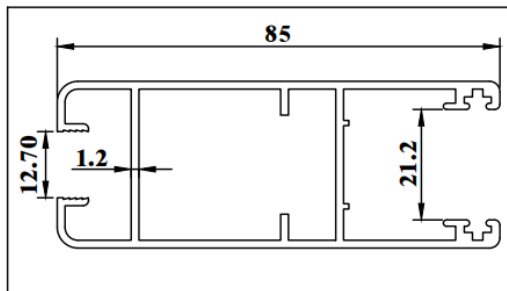


ELEVATION



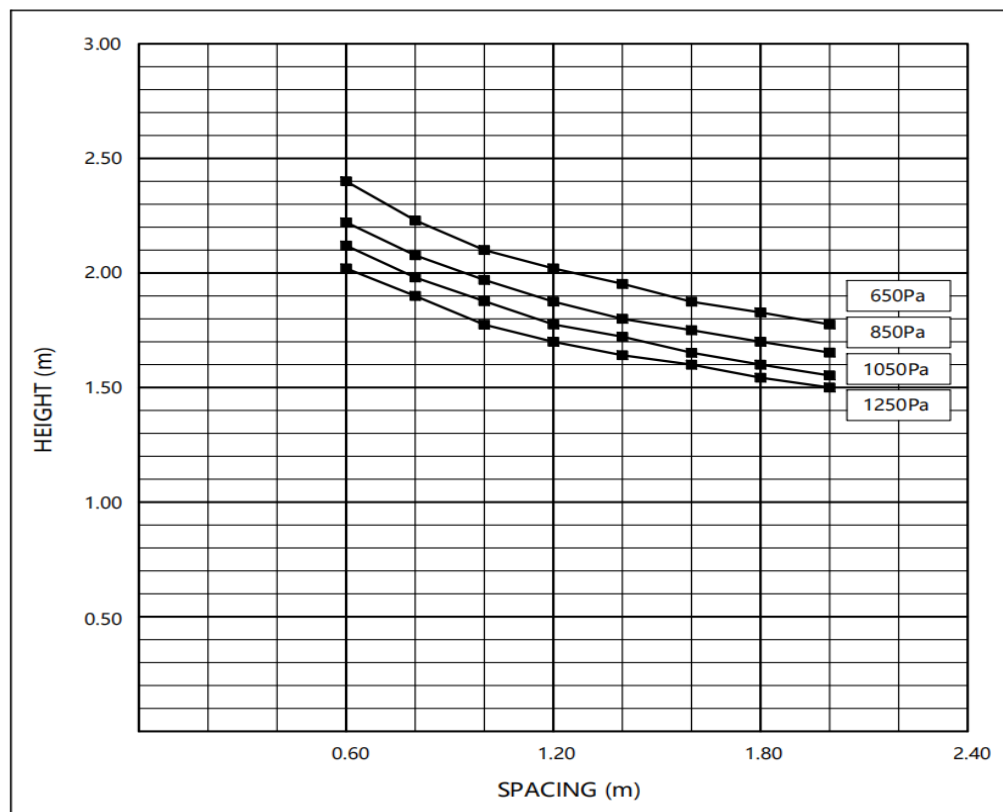
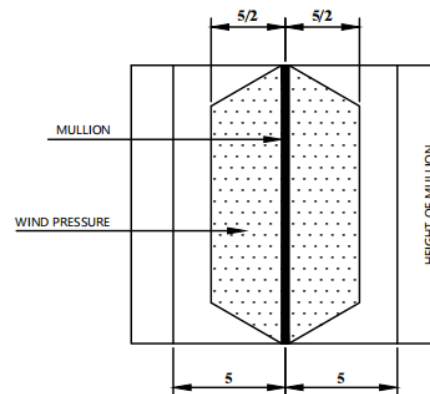
WIND LOAD CHART

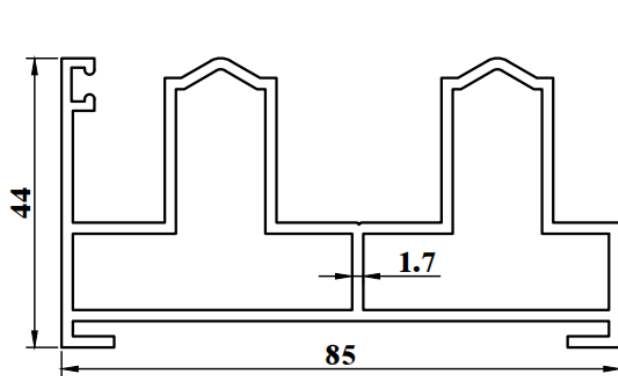
ALUMINIUM ALLOY: 6063-T5
MOMENT OF INERTIA: 128926 mm⁴ (DOUBLE)
SECTION MODULUS: 8056 mm³ (DOUBLE)
ELASTIC MODULUS: 70000 MPa
DEFLECTION LIMIT: L/175 OR 20mm (Max)



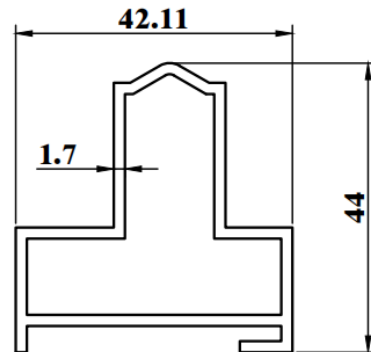
NOTE:

1. DESIGN WIND LOAD IS UNIFORMLY DISTRIBUTED ALONG MULLION.
2. NATURE OF ANCHOR IS SIMPLY SUPPORTED.

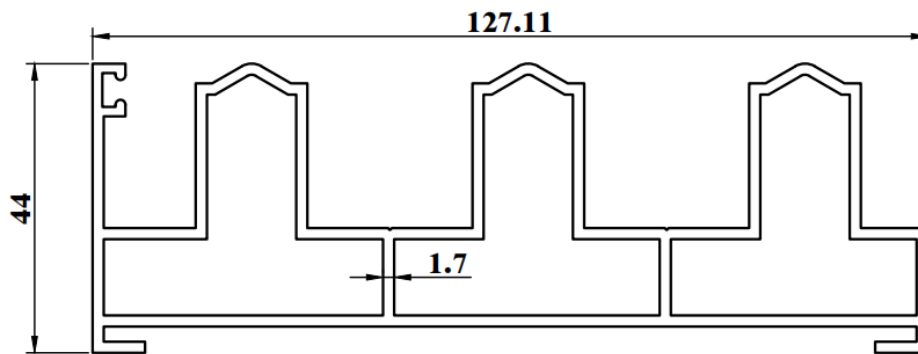




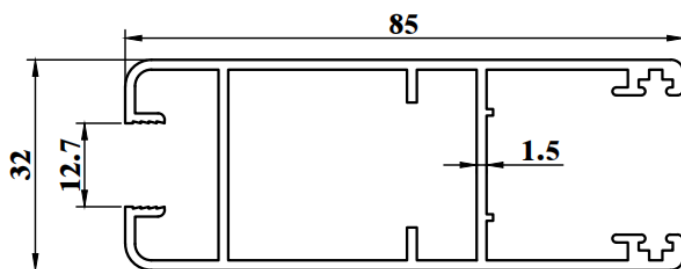
PSD02
WEIGHT : 1.603 KG/M
AP : 399.09mm



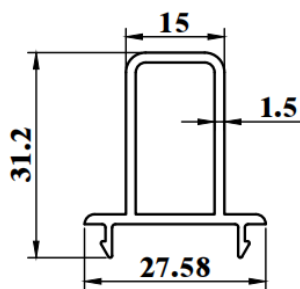
PSD11
WEIGHT : 0.771 KG/M
AP : 188.35mm



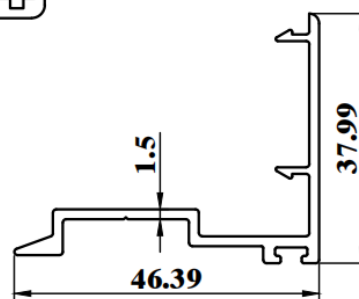
PSD03
WEIGHT : 2.254 KG/M
AP : 529.09mm



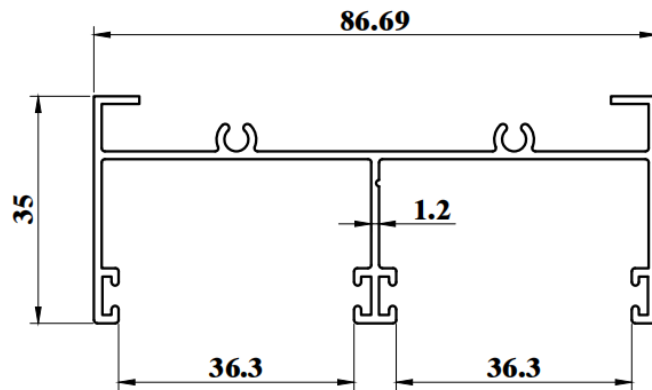
PSD13
WEIGHT : 1.175 KG/M
AP : 416.19mm



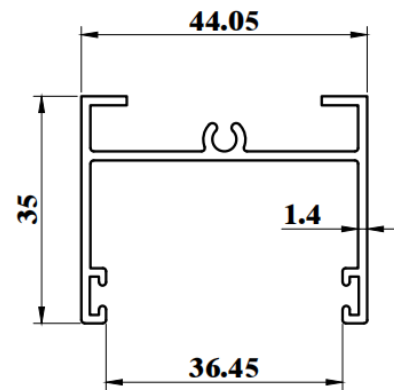
PSD15
WEIGHT : 0.380 KG/M
AP : 123.55mm



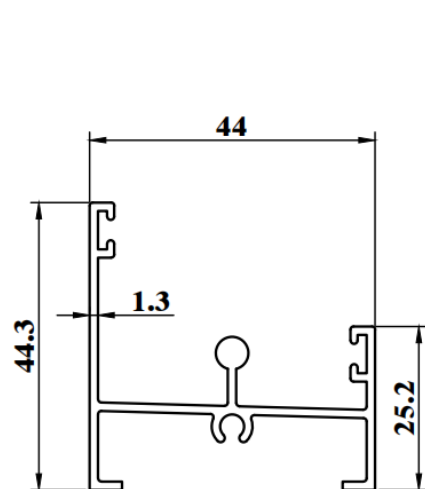
PSD14
WEIGHT : 0.433 KG/M
AP : 210.19mm



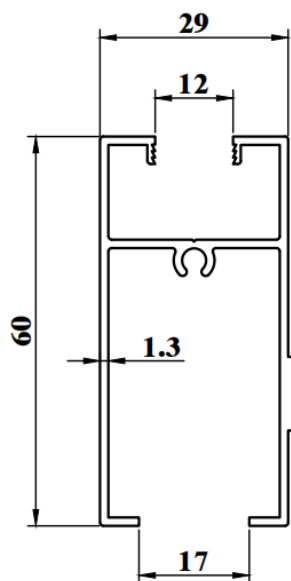
PSD780G
WEIGHT : 0.790 KG/M
AP : 472.02mm



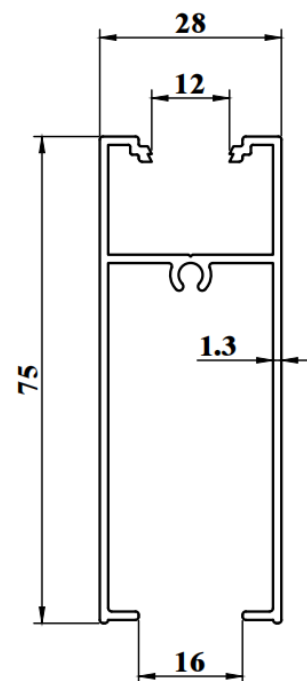
PSD788J
WEIGHT : 0.546 KG/M
AP : 289.86mm



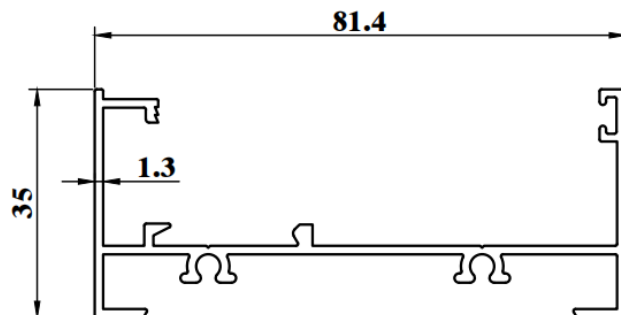
PSD789H
WEIGHT : 0.574 KG/M
AP : 305.43mm



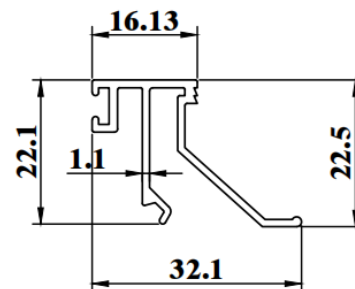
PSD740H
WEIGHT : 0.694 KG/M
AP : 374.61mm



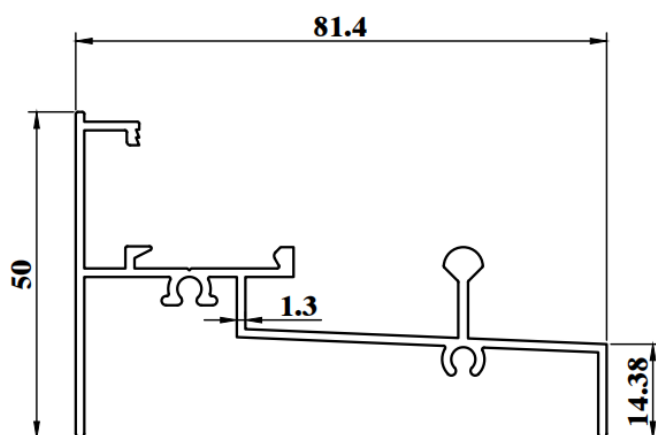
PSD794H
WEIGHT : 0.748 KG/M
AP : 421.04mm



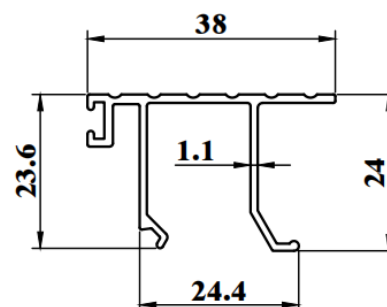
CJK 1230
WEIGHT : 0.774 KG/M
AP : 419.90mm



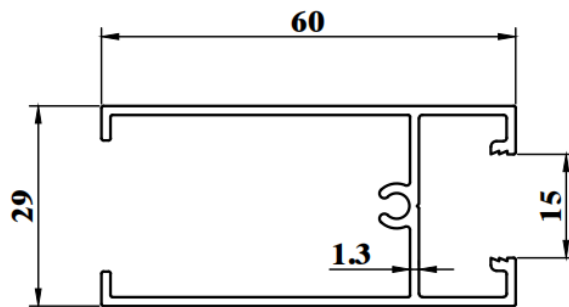
CJK 1226
WEIGHT : 0.266 KG/M
AP : 169.41mm



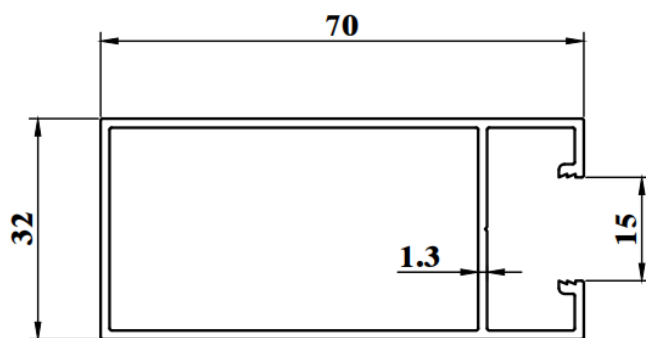
CJK 1228
WEIGHT : 0.839 KG/M
AP : 429.03mm



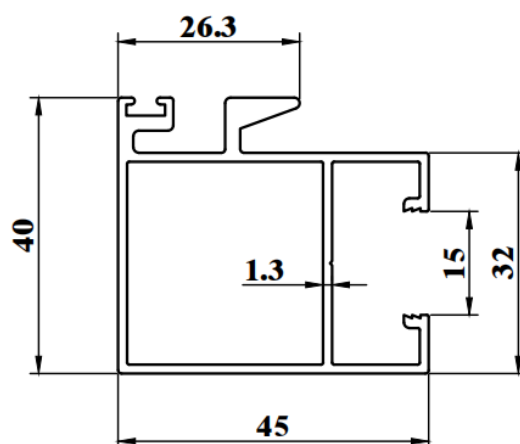
CJK 1225
WEIGHT : 0.317 KG/M
AP : 202.20mm



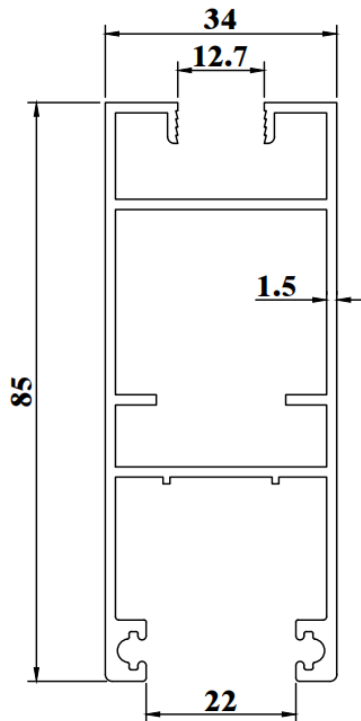
CJK1224
WEIGHT : 0.639 KG/M
AP : 356.76mm



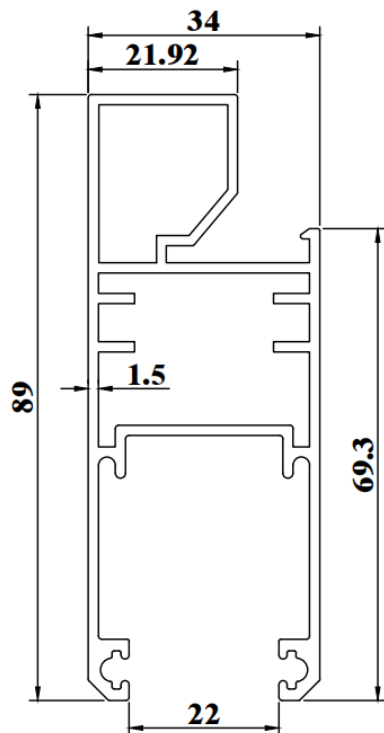
CJK1223
WEIGHT : 0.772 KG/M
AP : 270.41mm



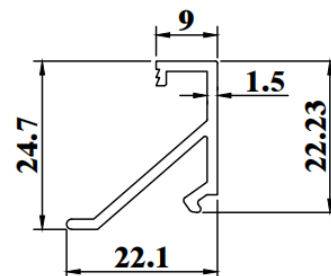
CJK1227
WEIGHT : 0.803 KG/M
AP : 284.93mm



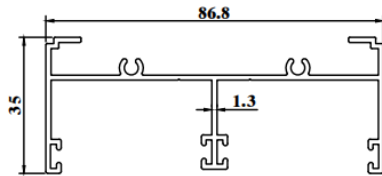
PSD7421
WEIGHT : 1.235 KG/M
AP : 422.87mm



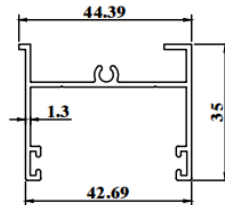
PSD7422
WEIGHT : 1.351 KG/M
AP : 393.91mm



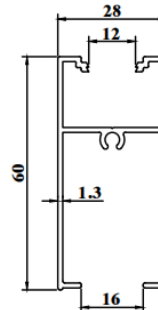
PSD7423
WEIGHT : 0.243 KG/M
AP : 121.76mm



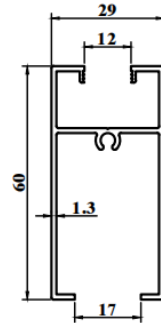
PSD780HB
WEIGHT : 0.847 KG/M
AP : 477.97mm



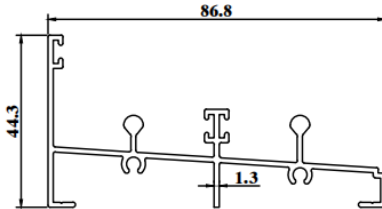
PSD788HB
WEIGHT : 0.496 KG/M
AP : 282.08mm



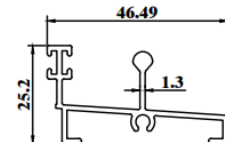
PSD785H
WEIGHT : 0.643 KG/M
AP : 361.04mm



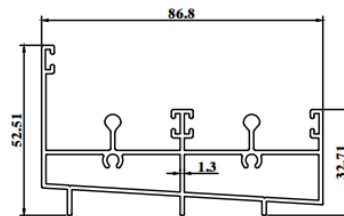
PSD740H
WEIGHT : 0.694 KG/M
AP : 374.61mm



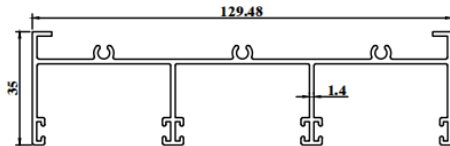
PSD790HB
WEIGHT : 0.893 KG/M
AP : 467.34mm



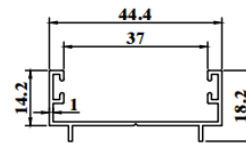
PSD791HB
WEIGHT : 0.452 KG/M
AP : 239.46mm



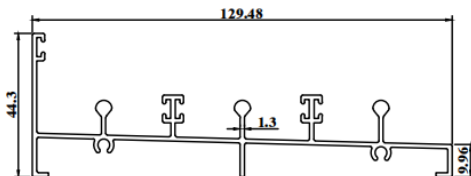
PSD793HB
WEIGHT : 1.315 KG/M
AP : 461.70mm



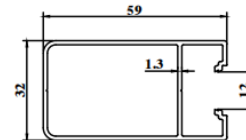
PSD781J
WEIGHT : 1.235 KG/M
AP : 648.75mm



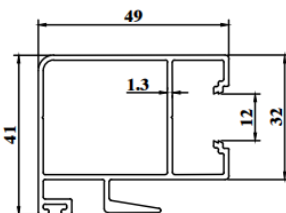
SSD755CB
WEIGHT : 0.260 KG/M
AP : 192.73mm



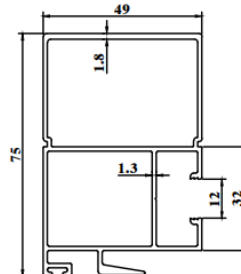
PSD784HB
WEIGHT : 1.221 KG/M
AP : 632.13 mm



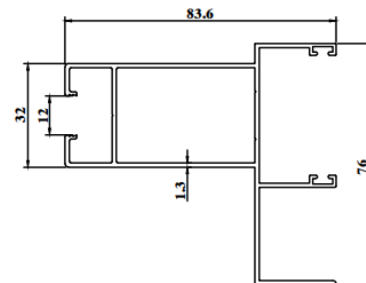
PSD786H
WEIGHT : 0.690 KG/M
AP : 249.63mm



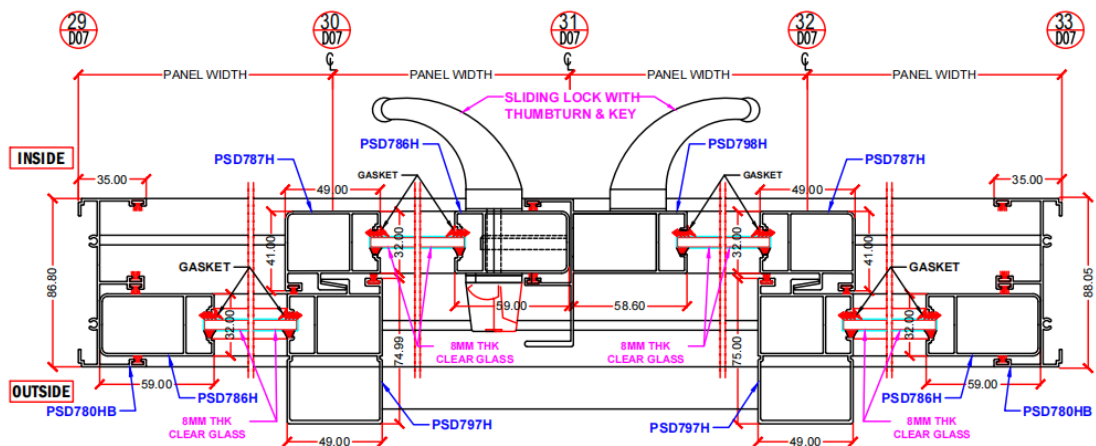
PSD787H
WEIGHT : 0.807 KG/M
AP : 312.18mm

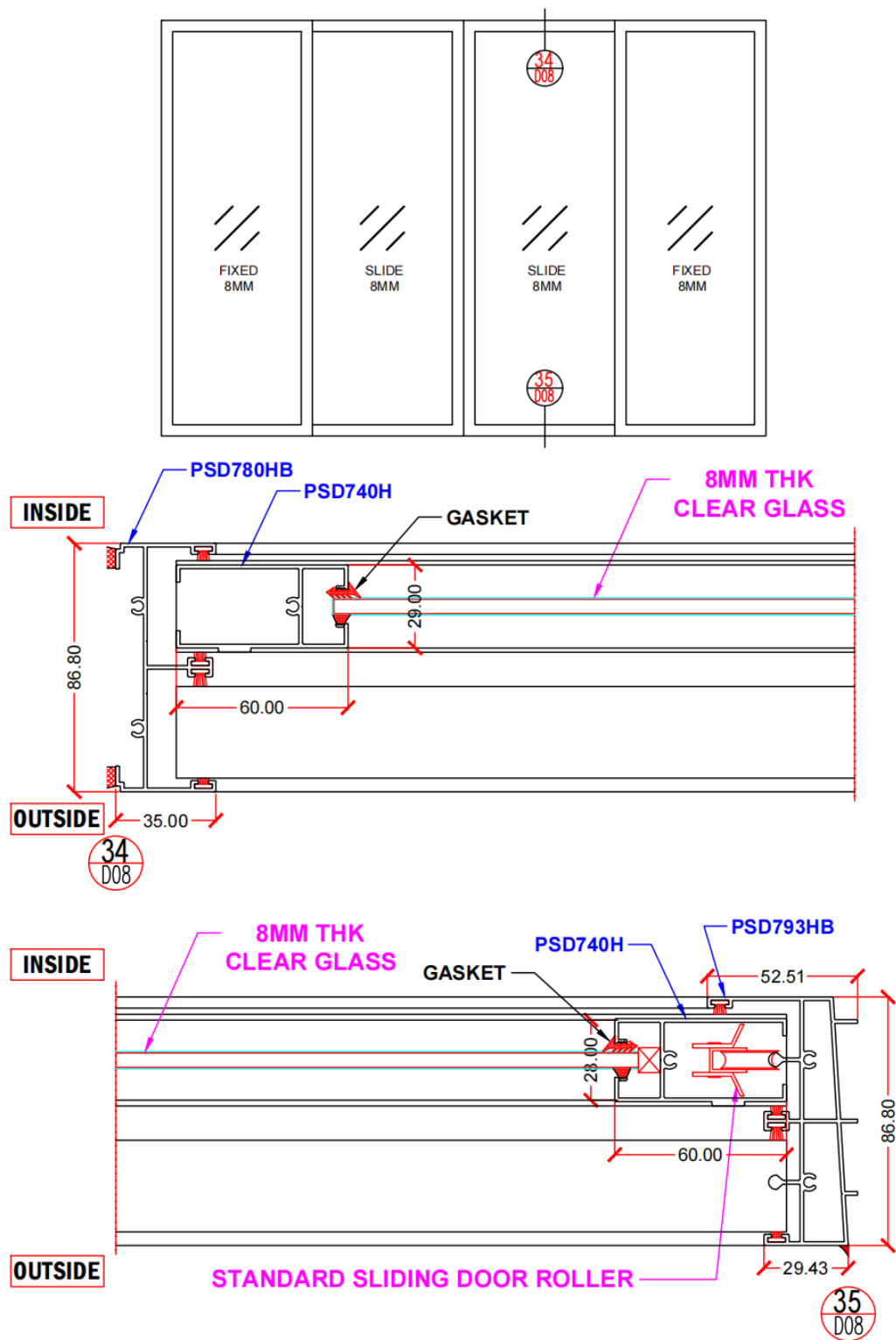


PSD797H
WEIGHT : 1.289 KG/M
AP : 385.00mm



PSD798H
WEIGHT : 1.233 KG/M
AP : 515.27mm

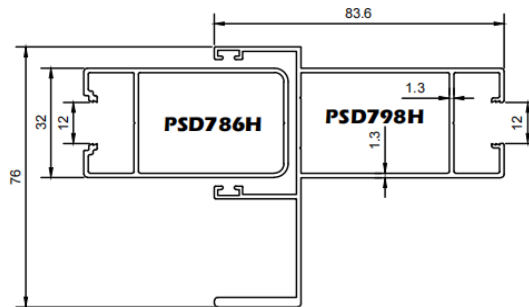




Butting Stile - Assembly of Sections
PSD786H, PSD798H

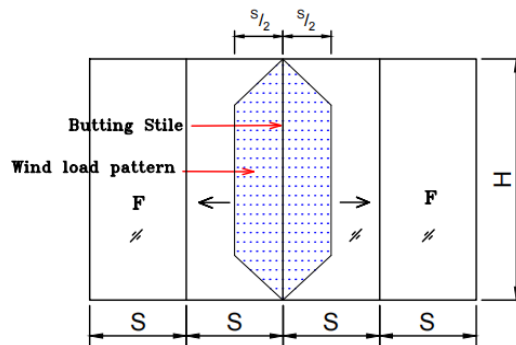
Alum. alloy : 6063-T5
Overall moment of inertia I_{xx} : 31.5 cm^4
Overall moment of resistance MR_{xx} : 617 n-m

Mod. of elasticity : $70 \times 10^9 \text{ N/m}^2$
Design. bend. stress: $1.25 \times 67^6 \text{ N/m}^2$
Defln. limit : $S_{pan}/175$, up to max.20mm
Nature of anchor : Simply supported at both ends

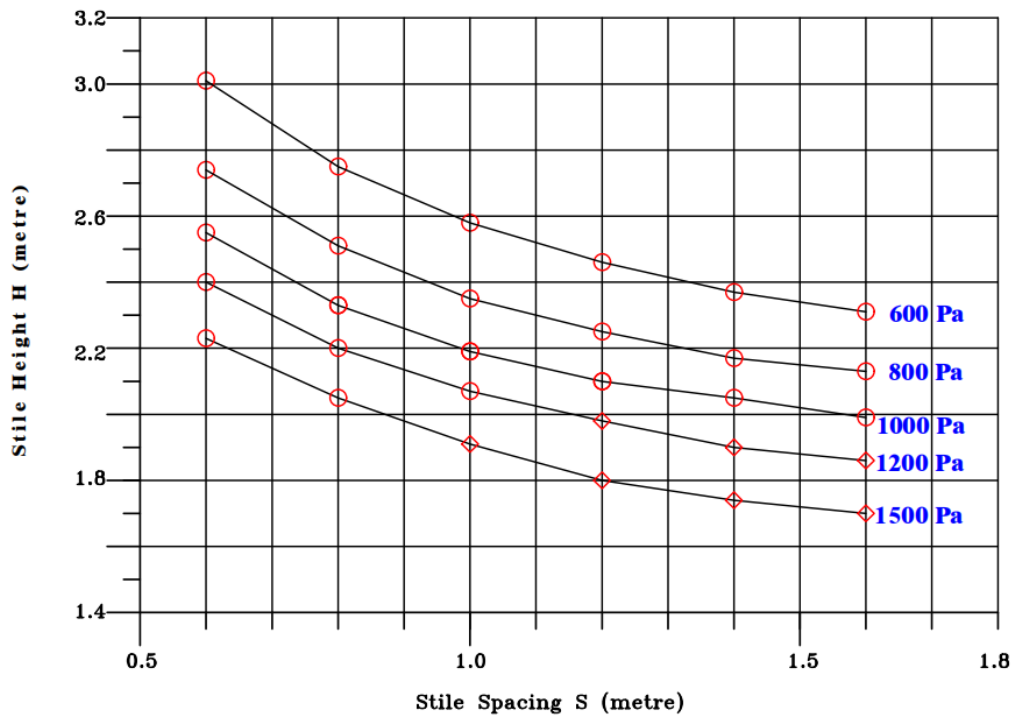


Note:
Suffix xx denotes axis perpendicular to wind load

Typical configuration of sliding door



Wind Load Chart



Note:
○ Deflection limit governs ◇ Moment of resistance governs
 Buckling has not been taken into account in this chart