SOLID DOORS (SINGLE OR OVERLAPPING DOUBLE)

APPLICATION

ProLine G2 Solid Doors (Single or Overlapping Double) feature a solid swing and a high load capacity. The Smooth Glide latching system is made from quality components and incorporates an innovative timed latch action, ensuring a solid door seal with a low closure force. Sold individually.

FEATURES

- Smooth Glide latching system – for a smooth, reliable and repeatable door close over enclosure lifetime
- Low-profile Swing Handle with key lock; other options available
- Seamless polyurethane gasket (UL Component Recognized) provides a watertight, dust-tight seal against moisture and contaminants

SPECIFICATIONS

- Single doors available for frames up to 1000 mm wide
- Overlapping double doors available for frames 800 mm wide and greater
- Door bar system on all doors
- Timed latch engagement to ensure top and bottom of door catch reliably
- Durable, double-flanged latch rod and three Delrin® rollers to prevent metal-on-metal grinding
- 3-point latch system for doors 1000 mm or greater in height
- Key lock handle standard; other options available
- Single doors can be hinged on left or right (default left); overlapping double doors can have the primary door as the left or right door (default right)
- 14 gauge (1.75 mm) mild steel
- 140-degree hinging standard (180-degree hinge option available)
- Door can be reversed without removing the side covers
- Can be used on front or rear of enclosure; can be used on the sides of enclosure with side door adapter (not included)
- Two grounding studs
- All mounting hardware included
- Sold individually

Overlapping Double Doors – Additional Specifications

- Primary door with Smooth Glide latching system
- Secondary door has two latch points with a center lever to ensure secure door closure

EMC Doors – Additional Specifications:

- Plated to provide corrosion resistance while maintaining a metal-to-metal contact with the metal fiber gasket
- Metalized non-woven fabric EMI/RFI material covering UL94HP rated urethane foam gasket
- Plating exposed in interior and paint over plated exterior
- Longer lead times required for EMC items

FINISH

- Polyester powder paint; RAL 7035 textured light gray standard
- Custom colors available

LOAD RATING

- 250/113kg, safety factor 1.5; frame size: 2000x600x800 mm (load ratings vary by frame size)

ACCESSORIES

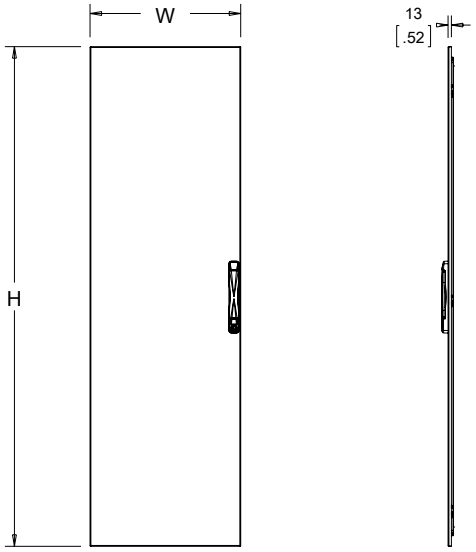
- ProLine Grounding Kit
- Door Stop Kit
- 180-Degree Hinge Kit
- Side Door Adapter
- Flush Swing Handles
- L Handle
- Flush Bezels
- Small Flush Swing Handle
- Steel Data Pocket
- Thermoplastic Data Pocket
- Door Bar Grid Straps
- Door Support Roller Kit

BULLETIN: P40

Standard Product **Single Door**

Catalog Number	H (mm)	H (in.)	W (mm)	W (in.)	Fits Frame HxW (mm)	Description
P2D64	583	23.0	398	15.7	600x400	Painted
P2D66	583	23.0	598	23.5	600x600	Painted
P2D68	583	23.0	798	31.4	600x800	Painted
P2D86	783	30.8	598	23.5	800x600	Painted
P2D88	783	30.8	798	31.4	800x800	Painted
P2D105	983	38.7	498	19.6	1000x500	Painted
P2D106	983	38.7	598	23.5	1000x600	Painted
P2D108	983	38.7	798	31.4	1000x800	Painted
P2D125	1183	46.6	498	19.6	1200x500	Painted
P2D126	1183	46.6	598	23.5	1200x600	Painted
P2D128	1183	46.6	798	31.4	1200x800	Painted
P2D145	1383	54.4	498	19.6	1400x500	Painted
P2D146	1383	54.4	598	23.5	1400x600	Painted
P2D146HF	1383	54.4	598	23.5	1400x600	EMC
P2D164	1583	62.3	398	15.7	1600x400	Painted
P2D165	1583	62.3	498	19.6	1600x500	Painted
P2D166	1583	62.3	598	23.5	1600x600	Painted
P2D168	1583	62.3	798	31.4	1600x800	Painted
P2D184	1783	70.2	398	15.7	1800x400	Painted
P2D185	1783	70.2	498	19.6	1800x500	Painted
P2D186	1783	70.2	598	23.5	1800x600	Painted
P2D186HF	1783	70.2	598	23.5	1800x600	EMC
P2D187	1783	70.2	698	27.5	1800x700	Painted

Catalog Number	H (mm)	H (in.)	W (mm)	W (in.)	Fits Frame HxW (mm)	Description
P2D188	1783	70.2	798	31.4	1800x800	Painted
P2D189	1783	70.2	898	35.4	1800x900	Painted
P2D1810	1783	70.2	998	39.3	1800x1000	Painted
P2D205	1983	78.1	498	19.6	2000x500	Painted
P2D206	1983	78.1	598	23.5	2000x600	Painted
P2D206HF	1983	78.1	598	23.5	2000x600	EMC
P2D207	1983	78.1	698	27.5	2000x700	Painted
P2D208	1983	78.1	798	31.4	2000x800	Painted
P2D208HF	1983	78.1	798	31.4	2000x800	EMC
P2D2010	1983	78.1	998	39.3	2000x1000	Painted
P2D225	2183	85.9	498	19.6	2200x500	Painted
P2D226	2183	85.9	598	23.5	2200x600	Painted
P2D226HF	2183	85.9	598	23.5	2200x600	EMC
P2D227	2183	85.9	698	27.5	2200x700	Painted
P2D228	2183	85.9	798	31.4	2200x800	Painted
P2D228HF	2183	85.9	798	31.4	2200x800	EMC
P2D2210	2183	85.9	998	39.3	2200x1000	Painted



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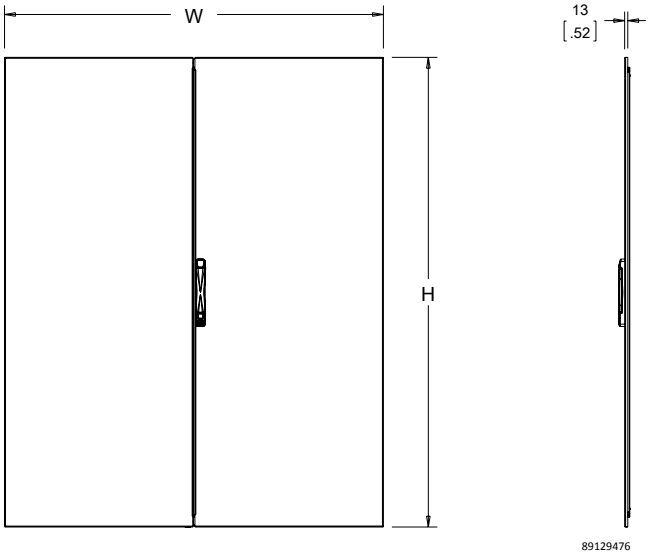
Model	Component	Type	Height	Width*	Specialty		Catalog Number
P2	D	Blank	20	8	Blank	=	P2D208
PROLINE G2	Door	Blank = single door O = overlapping double door W = window door, single, polycarbonate WG = window door, single, safety glass WO = window door, overlapping double, polycarbonate WOG = window door, overlapping double, safety glass A = side door adapter DR = disconnect right DL = disconnect left DR2 = disconnect right large cutout F = dress frame	mm 22 = 2200 20 = 2000 18 = 1800 16 = 1600 14 = 1400 12 = 1200 10 = 1000 8 = 800 6 = 600	mm 18 = 1800 16 = 1600 12 = 1200 10 = 1000 9 = 900 8 = 800 7 = 700 6 = 600 5 = 500 4 = 400	Blank = standard HF = EMC protected		

*Side Door Adapters use Depth instead of Width

NOTE: Not every combination is available as a standard product.

Standard Product **Overlapping Doors**

Catalog Number	H (mm)	H (in.)	W (mm)	W (in.)	Fits Frame HxW mm	Description
P2DO68	583	23.0	798	31.4	600x800	Painted
P2DO88	783	30.8	798	31.4	800x800	Painted
P2DO108	983	38.7	798	31.4	1000x800	Painted
P2DO1012	983	38.7	1198	47.2	1000x1200	Painted
P2DO128	1183	46.6	798	31.4	1200x800	Painted
P2DO1212	1183	46.6	1198	47.2	1200x1200	Painted
P2DO148	1383	54.4	798	31.4	1400x800	Painted
P2DO1412	1383	54.4	1198	47.2	1400x1200	Painted
P2DO168	1583	62.3	798	31.4	1600x800	Painted
P2DO1612	1583	62.3	1198	47.2	1600x1200	Painted
P2DO1616	1583	62.3	1598	62.9	1600x1600	Painted
P2DO188	1783	70.2	798	31.4	1800x800	Painted
P2DO1810	1783	70.2	998	39.3	1800x1000	Painted
P2DO1810HF	1783	70.2	998	39.3	1800x1000	EMC
P2DO1816	1783	70.2	1598	62.9	1800x1600	Painted
P2DO1818	1783	70.2	1798	70.8	1800x1800	Painted
P2DO208	1983	78.1	798	31.4	2000x800	Painted
P2DO208HF	1983	78.1	798	31.4	2000x800	EMC
P2DO2012	1983	78.1	1198	47.2	2000x1200	Painted
P2DO2016	1983	78.1	1598	62.9	2000x1600	Painted
P2DO2018	1983	78.1	1798	70.8	2000x1800	Painted
P2DO228	2183	85.9	798	31.4	2200x800	Painted
P2DO228HF	2183	85.9	798	31.4	2200x800	EMC
P2DO2212	2183	85.9	1198	47.2	2200x1200	Painted
P2DO2216	2183	85.9	1598	62.9	2200x1600	Painted
P2DO2218	2183	85.9	1798	70.8	2200x1800	Painted



Model	Component	Type	Height	Width	Specialty		Catalog Number
P2	D	O	20	10	Blank	=	P2DO2010
PROLINE G2	Door	Blank = single door O = overlapping double door W = window door, single, polycarbonate WG = window door, single, safety glass WO = window door, overlapping double, polycarbonate WOG = window door, overlapping double, safety glass A = side door adapter DR = disconnect right DL = disconnect left DR2 = disconnect right large cutout F = dress frame	mm 22 = 2200 20 = 2000 18 = 1800 16 = 1600 14 = 1400 12 = 1200 10 = 1000 8 = 800 6 = 600	mm 18 = 1800 16 = 1600 12 = 1200 10 = 1000 8 = 800	Blank = standard HF = EMC protected		

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Notes