PIL-S01

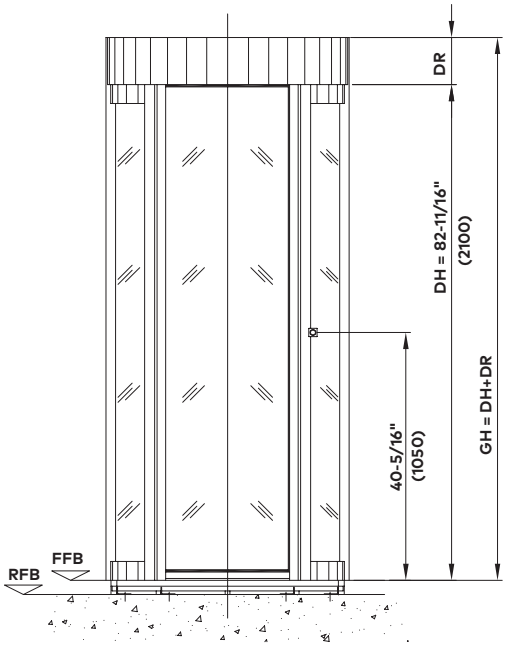
Cylindrical personal interlock

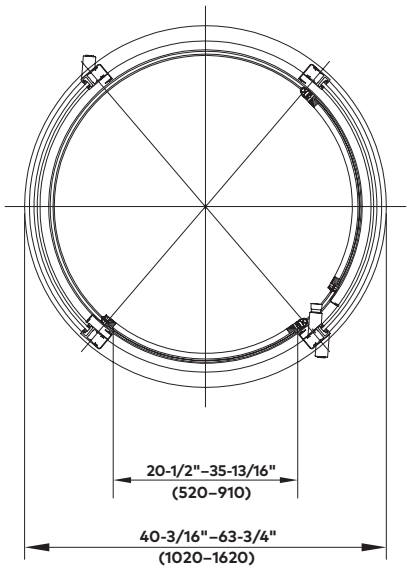
Standard units	PIL-S01
Construction	
Outside diameter	40-3/16" (1020 mm) 44-1/16" (1120 mm) 48" (1220 mm) 52" (1320 mm) 55-5/16" (1420 mm) 59-13/16" (1520 mm) 63-3/4" (1620 mm)
Passage width	20-1/2" (520 mm) 22-13/16" (580 mm) 25-9/16" (650 mm) 27-15/16" (710 mm) 30-11/16" (780 mm) 33-1/16" (840 mm) 35-13/16" (910 mm)
Total height	90-9/16" (2300 mm)
Passage height	82-11/16" (2100 mm)
Upper part of body	7-7/8" (200 mm)
Body	
Side panels	With glass panel, option for metal-clad.
Interior	Black rubber floor mat.
Sliding doors	Metal profiles with curved glass.
Finish	Anodized aluminum, powder coated, and stainless steel.
Function	Door leaves with locking system.
	Default position inside and outside closed.
	Automatic opening and closing of both door leaves consecutively.
	Emergency release button inside the interlock opens the outer door. Manual override is optional.
	Threshold protection sensor, designed to prevent an open door from closing when a person is in the detection zone.
	In the event of a power failure, the inside door will operate fail secure and the public door will operate fail safe.
	PIL Vision/anti-piggybacking.
	Interior biometrics.
Electrical equipment	Network-compatible ETS 22 CAN bus control unit integrated in the unit.
	Power supply 230 VAC, 50 Hz.
Installation	On stainless steel floor element with guide rail for sub floor level SFL, measure X = 2-3/4"–3-1/8" (70–79 mm).
	The ambient conditions must be checked for outdoor installation.

Subject to change without notice

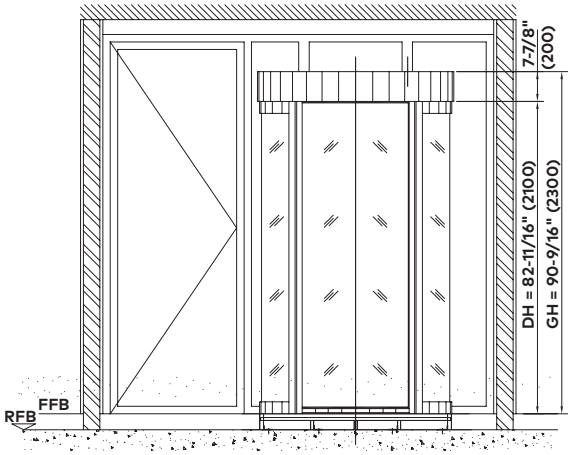
PIL-S01

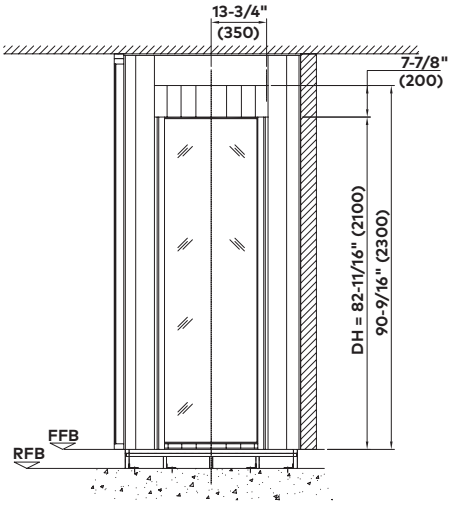
Elevation drawings

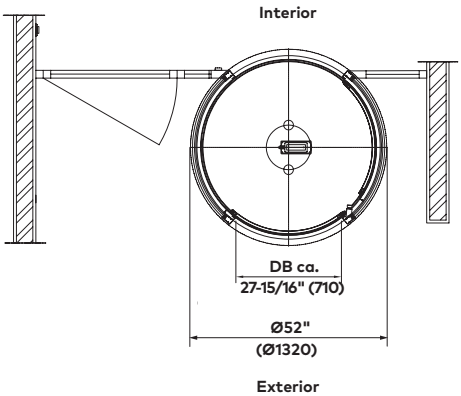


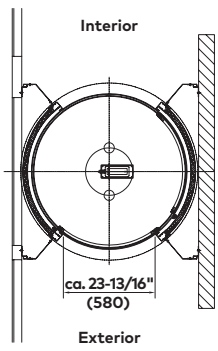


Installation examples





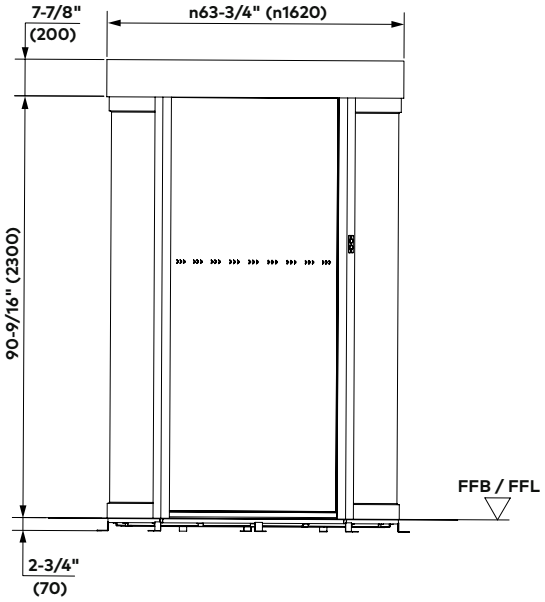


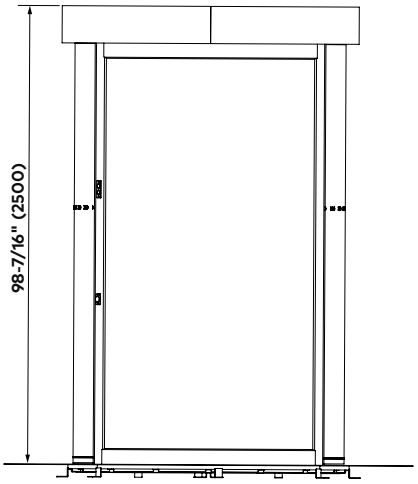


Note
Dimensions are shown as inches followed by millimeters; for example, 1" (25).

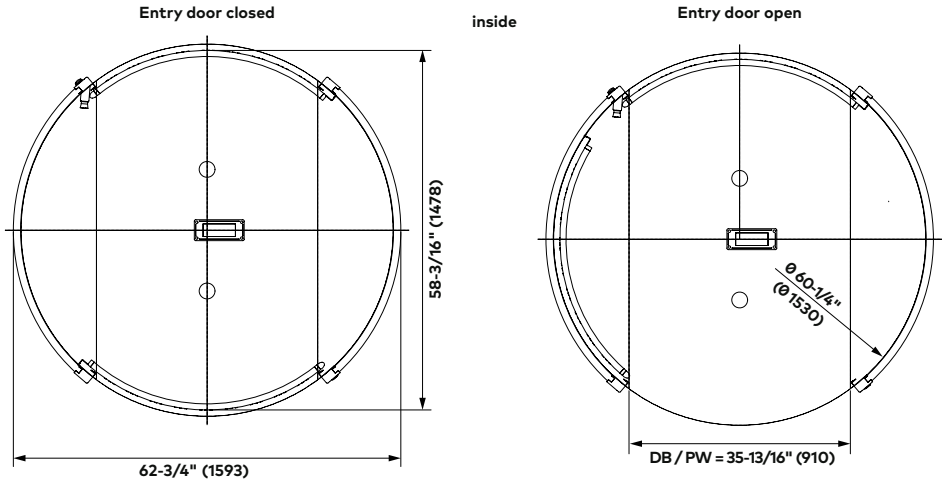
PIL-S01 with Vision

Elevation drawings

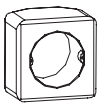




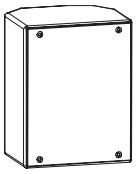
Top view without body top and floor element (1 : 10)



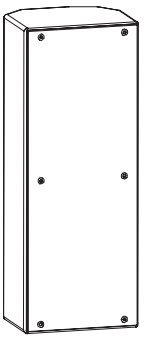
PIL-S01 optional components



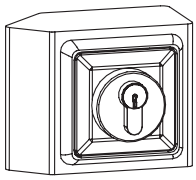
Console 1
Plastic in color of unit or in RAL 9006
Width 3-11/16" (94 mm)
Height 3-11/16" (94 mm)
Depth 2-9/16" (65 mm)



Console 2
Aluminum in color of unit or in RAL 9006
Width 5-1/2" (140 mm)
Height 7-1/8" (180 mm)
Depth 4-3/8" (110 mm)

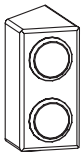


Console 3
Aluminum in color of unit or in RAL 9006
Width 5-1/2" (140 mm)
Height 14-3/8" (365 mm)
Depth 4-3/8" (110 mm)

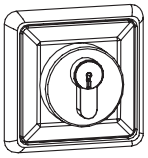


Electric key-operated push button in console

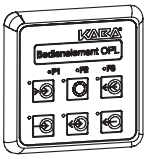
Release button



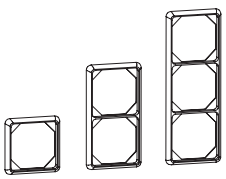
Signal device



Key switch



OPL 05



Frame for flush-mounting

PIL-S01
Options

Construction	
Increase passage height.	○
Increase canopy height.	○
Monitoring of door status.	○
Electrical equipment	
Consoles made of plastic or aluminum in color of unit or in RAL 9006, also available as semi-gloss stainless steel with a smooth finish.	○
Push button for manual single release.	○
Electric key-operated push button to release unit.	○
OPL 05 operating panel, functions can be chosen freely.	●
Magnetic contact for monitoring maintenance openings or ceiling plate.	○
Indicator lights.	○
Light curtain for contactless protection (see project-specific risk assessment).	●
Interior LED lighting.	○
Additional board to expand the existing inputs and outputs.	○
Installation	
Floor element made of stainless steel for pre-installation.	●

● standard ○ optional

dormakaba USA Inc.
Dorma Drive, Drawer AC
Reamstown, PA 17567
844.SPECNOW

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