

Markar 100 Series Aluminum Pin & Barrel Continuous Hinges

Short Form Architectural Specification:

Continuous hinges shall be full height piano-type hinge providing full height door support.

- Supports weights up to 600 lbs. 4'0" maximum door width
- Material to be extruded aluminum 6063-T6 alloy
- .187" diameter stainless pin (rod)
- Each knuckle 2", including nylon bearing at each separation for a quiet, smooth, self-lubricating operation
- Finish: Clear Anodized (628), Dark Bronze Anodized (313)
Optional Finish: Light Bronze Anodized (311), Black Anodized (315), Scratch-Resistant Powder Coated Paint.
Other finishes available upon request.
- All hinges shall be furnished with manufacturer's recommended hardware pack per specific model application
- Exterior barrel diameter .515" (1/2")
- Material thickness less than .125"
- Material weight will be no less than 1.5 lbs. per foot
- Hinges shall meet ANSI/BHMA Standard A 156.26 Grade 2
- Symmetrically templated hole pattern

NOTE: 25-Year Warranty on all Continuous Pin & Barrel Hinges

Markar FM100 Edge Mount Hinge

Standard Features

Barrel Type Hinge
.187" diameter stainless steel pin (rod)
Medical bearings
Aluminum end pins
Material
6063-T6 aluminum alloy
Finishes
Clear Anodized (628)
Dark Bronze Anodized (313)

Standards
ANSI/BHMA Standard A156.26 Grade 2
Mounting Hardware
Fasteners concealed when door is closed
Custom 12-24 x 11/16" S.S Phillips Flat Head Undercut TEK Screws
Capacity
Supports weights up to 600lbs.
4'0" maximum door width

Standard Sizes
6'8", 7'0", 7'2", 8'0"
Hole Pattern
Symmetrically templated
Handing
Handing not required on standard hinges. Specify handing when ordering a hinge with modification
Windstorm
Evaluated in accordance with TAS 201-94, TAS 202-94, TAS 203-94, ASTM E330, ASTM E1886, ASTM E1996 and ANSI A250.13.

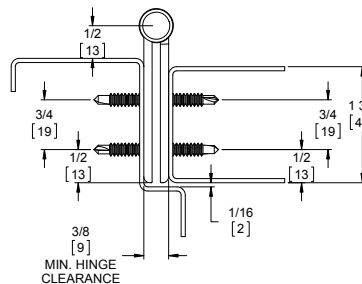
Optional Features

Finishes
Light Bronze Anodized (311)
Black Anodized (315)
Scratch-Resistant Powder Coated Paint

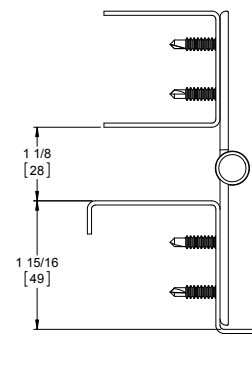
Other Features
Custom lengths - specify in inches
Custom hole pattern
Dutch door hinges - suffix "DDP"
Hospital tips - suffix "HT"

Electrical Modifications
Current Transfer Prep - suffix "CTP"
Electrical Transfer Access Prep - suffix "ETAP"
ElectroLynx®
EL4 (4 wire), EL8 (8 wire), EL12 (12 wire)
PoE (9 wire)

This door-edge mounted aluminum pin & barrel type hinge is extruded using 30% more aluminum than most geared hinges, giving it exceptional strength and durability. This product is specified in lieu of pivots or butt hinges due to its unique design which distributes the weight of the door down the entire length of the hinge.



Door Closed



Door Open 180°

ASSA ABLOY

The global leader in
door opening solutions

800-824-3018 | www.markar.com

Check the web site for the up-to-date catalog

Copyright © 2015-2017, Pemko Manufacturing Co., an ASSA ABLOY Group company. All rights reserved.
Reproduction in whole or in part without the express written permission of Pemko Manufacturing Co. is prohibited.