Markar 300 Series Stainless Steel 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 14 gauge Stainless Steel
- .187” diameter Stainless Steel pin (rod)
- Exterior barrel diameter .438” (.17")
- Each knuckle 2”, including nylon bearing at each separation for a quiet, smooth, self-lubricating operation
- Finish: US32D Satin Stainless Steel (630)
  Optional Finish: US32 Bright Stainless Steel (629), Scratch-Resistant Powder Coated Paint.
- All hinges shall be furnished with manufacturer’s recommended hardware pack per specific model application

- Must be able to carry Warnock Hersey Int. or UL for fire rated doors and frames up to 3 hours
- Hinges shall meet ANSI/BHMA Standard A 156.26 Grade 1
- Symmetrically templated hole pattern

NOTE: 25-Year Warranty on Continuous Pin & Barrel Hinges
NOTE: Fire label for doors and frames should be placed on the header and top rail of fire rated doors and frames

Markar FM300 Edge Mount Hinge

Standard Features
Barrel Type Hinge
.187” diameter Stainless Steel pin (rod)
Medical bearings
Stainless Steel end pins
Material
Heavy-duty 14 gauge Stainless Steel
Finishes
US32D Satin Stainless Steel (630)
Standards
ANSI/BHMA Standard A156.26 Grade 1
Hole Pattern
Symmetrically templated

Mounting Hardware
Fasteners concealed when door is closed
Custom 12-24 x 1/4" S.S Phillips
Flat Head Undercut TEK Screws
Capacity
Supports weights up to 600 lbs.
4’ 0” maximum door width
Standard Sizes
6’8”, 7’0”, 7’2”, 8’0”, 10’0”
Handing
Handing not required on standard hinges. Specify handing when ordering a hinge with modification.

Optional Features
Finishes
Scratch-Resistant Powder Coated Paint
Fasteners
Tamper-proof security screws
Other Features
Custom lengths- specify in inches
Custom hole pattern

Dutch door hinges- suffix “DDP”
Hospital tips - suffix “HT”
Raised barrel - suffix “RB”
Welded end pins
Security studs.
Electrical Modifications
Adjustable Monitoring Switch - “AMS”

Rating
3 hours- hollow metal doors
90 minutes- hollow metal and composite core wood fire doors
20 minutes- wood doors
classified in accordance with UL10C for positive pressure

Fire-rated label
Windstorm

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 edge-mounted pin & barrel hinge is used on many of today’s high traffic, high abuse doors. The hinge works well in locations that would normally call out for anchor hinges, pivot reinforcement hinges or thrust pivot unit and hinge sets. This hinge saves on special door and frame preparation charges and makes the installer’s job easier. It can be used on both fire labeled and non-labeled openings.

800-824-3018  |  www.markar.com
Check the web site for the up-to-date catalog
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