

Lyon Workspace Products

Contemporary Bookcase Specifications

Specifications For

Desk High Contemporary Bookcase (90-2291)

Counter High Contemporary Bookcase (90-2421)

Full Height Contemporary Bookcase (90-2842)

General

Bookcase shall be equal in all respects to Lyon Workspace Products #90 Series Contemporary Bookcase units.

Material

Shall be the best quality cold rolled, mild annealed, sheet steel, free from buckle, loose scale or other surface imperfections.

Gauges

Gauge numbers specified herein are manufacturers standard gauges for sheet steel.

Finish

All sheet steel parts are to be thoroughly cleaned before finish is applied. Finish shall be baked on at a temperature of not less than 300°F and must withstand a rigid hammer test without flaking. Finish shall be Lyon Black, Dove Gray, or Putty.

Size

Desk high bookcases shall be 36" wide by 12" deep by 29" high. Counter high bookcases shall be 36" wide x 12" deep x 42" high. Full height bookcase shall be 36" wide x 12" deep x 84" high.

Top

Shall be of not less than 20-gauge steel flanged down on sides and back. Back flange punched for attachment to back. The front edge shall be formed down at 90 and additional flange shall be made for use as guide for (optional) sliding doors. A door guide channel shall be spot welded to underside to complete door guides. Two angles shall be welded to underside of top for bolting to sides.

Sides

Shall be of not less than 20-gauge steel. Front edge shall have a 23/32" flange and a 3/8" return flange. The rear edge shall have a 1-7/16" flange punched for attaching to the back. Side shall two channel formations 1-1/2" wide and 1/2" deep, punched with slots on 3/4" centers that act as shelf supports. Sides are punched for attaching top, bottom, and back.

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Back

Shall be of not less than 20-gauge steel punched for attaching top, bottom, and sides.

Bottom

Shall be of not less than 20-gauge steel. Top of the front edge is formed with a 1-5/16" x 3/4" step to receive the optional sliding door track. The 3-1/8" front flange shall have an additional 5/8" return flange. The 3-1/8" rear flange shall have an additional 15/16" return flange. Rear and side flanges are punched for attaching to sides and back.

Shelves

Shall be of not less than 20-gauge steel. Front and rear shall be flanged not less than 3/4" returned back 9/16" with 3/16" kink at 15 degrees. Four corners of the shelf are to have shear form tangs to lock shelf into place in slots of side shelf support channels.

Desk high bookcases to have one full width shelf. Counter high bookcases to have two full width shelves. Full height bookcases to have six full width shelves.

End Finish Panels (Standard on 90-2291 & 90-2421, Optional on 90-2842)

Shall be of not less than 22-gauge steel formed at front to engage the front edge of the side and flanged at rear. Rear flange is to be punched for bolting together with side and back. Top and bottom are flanged.

Splice Channels (Optional)

Shall be of not less than 20-gauge steel flanged at both sides with a 90 degree return. Channel is to be punched on face for attaching two bookcases together with 12-gauge angle clips.

Sliding Doors (Optional on 90-2291 & 90-2421) Not Used On 90-2842

Shall be of not less than 20-gauge steel flanged on all four sides with a 90 degree return. Bottom flange is slotted to accommodate roller carriage with nylon roller. Left hand door has a knock out on right side for lock and aluminum handle recess on left. Right hand door has aluminum handle recess on right side and holes in left flange for attaching stop bracket.

Book Stop (Optional)

Shall be of not less than 20-gauge steel flanged at front and rear with a 90 degree return. Front flange is punched for attaching label holder.

Wire Book/ File Supports (Optional)

Shall be of not less than 3/16" diameter steel wire commercial zinc plated capable of flexing to 1" overall with return back without deflection or permanent set. Support suitably formed for attaching under shelf or top.