



Zeph Chairs

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Specifications are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice in finishes, materials, specifications, and models and to discontinue models and finishes.

For specific information about features and options available on each model, prices, and ordering information, please refer to the current Herman Miller Zeph Chairs *Price Book*.

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Zeph Chairs

Methodology and Dimension Description

The following measurements are displayed in the subsequent measurement charts. The measurements reflect dimensional information necessary for space planning and standards/codes compliance data. The measurements relevant to standards/codes (indicated with a *) were taken with a Chair Measuring Device (CMD) in accordance with the **ISO 24496: 2017 Office furniture – Office Chair – Methods for determination of dimensions** guideline.

Seat Height*

Distance between the floor and the compressed seat cushion where the user's thigh meets the seat.

Seat Depth*

Distance from the lumbar prominence to the front edge of the seat.

Seat Width*

Width of the chair seat within the indicated measuring zone.

Backrest Height*

Distance from the seat cushion at centerline to the highest point of the chair back.

Backrest Width*

Width of the backrest at the narrowest point of the lumbar support zone.

Lumbar Support

Height of the most forward point on the back, measured from the compressed seat cushion.

Overall Height (Maximum)

Distance from the floor to the highest point of a chair back (unloaded), with seat height at highest position.

Overall Depth

The distance from the forward caster position/extended seat to the back. Center measured with the chair at an upright position.

Product Weight

Does not include packaging

Back Tilt Range*

Angle of the back from upright to fully reclined positions in relation to the floor.

Seat Pan Angle*

Seat angle in relation to the floor

Backrest-to-Seat Angle Range*

Angle between the backrest and the seat from upright to fully reclined positions.

Armrest Height*

Distance from the compressed seat cushion to the top of an armrest.

Armrest Length*

Distance between the most forward and most rearward points on the armrests as measured parallel to the measuring device. Only the portion of this measurements that falls within the specified armrest zone is reported as armrest length.

Armrests, Inside Measurement

Width between the armrests.

Armrests, Outside Measurement

Overall distance from the outer edge of one armrest to the outer edge of the other armrest.

Base Diameter, Outside

Overall diameter of the base.

Zeph Chairs

Seating Measurements – Multipurpose Chairs

Multipurpose Chairs: Standard-Height Range											
Chair Description		Overall Height	Overall Width	Overall Depth	Weight	Seat Height	Seat Depth	Seat Width	Backrest Height	Backrest Width	Lumbar Support
Fixed Arms											
Polymer Shell	BA511LP	885 mm Max 741 mm Min	614 mm	479 mm	8.6 kg	512 mm Max 372 mm Min	432 mm	557 mm	424 mm	523 mm	240 mm
Polymer Shell with 3D Knit Seat	BA511SP	885 mm Max 741 mm Min	614 mm	479 mm	9.0 kg	516 mm Max 376 mm Min	437 mm	557 mm	424 mm	523 mm	240 mm
3D Knit Unibody	BA511UP	887 mm Max 743 mm Min	614 mm	479 mm	9.3 kg	516 mm Max 376 mm Min	437 mm	557 mm	424 mm	523 mm	240 mm
No Arms											
Polymer Shell	BA511LN	885 mm Max 741 mm Min	543 mm	484 mm	8.3 kg	512 mm Max 372 mm Min	432 mm	532 mm	424 mm	512 mm	240 mm
Polymer Shell with 3D Knit Seat	BA511SN	885 mm Max 741 mm Min	549 mm	484 mm	8.7 kg	516 mm Max 376 mm Min	437 mm	532 mm	424 mm	512 mm	240 mm
3D Knit Unibody	BA511UN	887 mm Max 743 mm Min	549 mm	484 mm	9.0 kg	516 mm Max 376 mm Min	437 mm	532 mm	424 mm	512 mm	240 mm

* Weight does not include packaging.

Multipurpose Chairs: Standard-Height Range						
Seat Pan - Backrest Angle	Seat Pan - Horizontal Angle	Tilt Range	Armrest Clearance/ Inside Distance	Base Diameter Outside	Armrest Height	Armrest Length
Fixed Arms						
97.3°	5.6°	97.3° / 110.6°	470 mm	691 mm	220 mm	159 mm
No Arms						
97.9°	5.6°	97.9° / 110.2°	N/A	691 mm	N/A	N/A

Zeph Chairs

Multipurpose Chairs: High-Height Range											
Chair Description		Overall Height	Overall Width	Overall Depth	Weight	Seat Height	Seat Depth	Seat Width	Backrest Height	Backrest Width	Lumbar Support
Fixed Arms											
Polymer Shell	BA512LP	919 mm Max 775 mm Min	614 mm	479 mm	8.6 kg	546 mm Max 406 mm Min	432 mm	557 mm	424 mm	523 mm	240 mm
Polymer Shell with 3D Knit Seat	BA512SP	919 mm Max 775 mm Min	614 mm	479 mm	9.1 kg	546 mm Max 406 mm Min	437 mm	557 mm	424 mm	523 mm	240 mm
3D Knit Unibody	BA512UP / BA52	921 mm Max 777 mm Min	614 mm	479 mm	9.3 kg	546 mm Max 406 mm Min	437 mm	557 mm	424 mm	523 mm	240 mm
No Arms											
Polymer Shell	BA512LN	919 mm Max 775 mm Min	543 mm	484 mm	8.4 kg	546 mm Max 406 mm Min	432 mm	532 mm	424 mm	512 mm	240 mm
Polymer Shell with 3D Knit Seat	BA512SN	919 mm Max 775 mm Min	549 mm	484 mm	8.8 kg	546 mm Max 406 mm Min	437 mm	532 mm	424 mm	512 mm	240 mm
3D Knit Unibody	BA512UN / BA52	921 mm Max 777 mm Min	549 mm	484 mm	9.1 kg	546 mm Max 406 mm Min	437 mm	532 mm	424 mm	512 mm	240 mm

* Weight does not include packaging.

Multipurpose Chairs: High-Height Range						
Seat Pan - Backrest Angle	Seat Pan Angle	Tilt Range	Armrest Clearance /Inside Distance	Base Diameter Outside	Armrest Height	Armrest Length
Fixed Arms						
97.3°	5.6°	97.3° / 110.6°	470 mm	691 mm	220 mm	159 mm
No Arms						
97.9°	5.6°	97.9° / 110.2°	N/A	691 mm	N/A	N/A

Zeph Chairs

Multipurpose Chair

DESCRIPTION

The chair has a 5-star base and two pneumatic height adjustment range options. The chair is available in seven finishes and the optional seat pad is available in 1 pattern (Splash) with twenty colors options. The color-matched components of the chair include: the monoshell, tilt assembly, base assembly, and casters.

The chair provides the proper recline resistance without any adjustments to the user. The only adjustment is the seat height.

Arm choices include no arms or fixed arms. Fixed arms are molded into the shell.

CONSTRUCTION

Kinematic Monoshell

The monoshell is made from 10% glass-filled polypropylene. The shell is molded in one piece, and incorporates a seat, back, optional arms, and a beam which connects to the tilt mechanism. The beam stiffness has been calibrated to allow the chair to recline with proper resistance for a wide variety of users.

3D Knit Seat Pad

The seat pad consists of a 10 mm thick 3D knit fabric with a 3D mesh polyester spacer pad which is assembled on the monoshell seat using plastic clips. The seat pad can be easily assembled or removed without tools.

3D Knit Unibody

The unibody consists of a 10 mm thick 3D knit fabric which is assembled on the monoshell using plastic clips. The unibody can be easily assembled or removed without tools.

Base

The pneumatic seat-height-adjustment mechanism is housed within a steel tube. The tube slides and rotates in a bushing within the base. The top end of the tube is pressed into the tilt mechanism and the lower end is inserted into the 5-star base. The 5-star base is made from glass filled nylon construction with a matching color to the chair body. The chair has 360 degrees of swivel and comes in 2 heights: standard and high.

Casters

The chair comes with 60 mm diameter casters. Casters are for use on carpet or hard floors and include quiet-roll technology, which consists of two O-rings on the steel stem. The yoke and wheel are nylon, color-matched to the rest of the chair body. The tread is a black, soft polyurethane. There is an alternative caster option available in APMEA with black nylon wheels, yoke and soft polyurethane tread.

ADJUSTMENTS

Seat Height

The seat height is adjustable by raising the seat-height lever, which is mounted to the right side of the tilt. Raising the lever increases the seat height when the chair is unoccupied and lowers the seat height when the seat is occupied.

CASTERS

Casters	Size Diameter	Type	Materials	Use
CSQ	60 mm	double wheels	color-matched nylon wheels and yoke, soft polyurethane thread	hard floors or carpet
C9	60 mm	double wheels	black nylon wheels and yoke, soft polyurethane tread, internal brake	hard floors or carpet

Stool

Methodology and Dimension Description

The following measurements are displayed in the subsequent measurement charts. The measurements reflect dimensional information necessary for space planning and standards/codes compliance data. The measurements relevant to standards/codes (indicated with a *) were taken with a Chair Measuring Device (CMD) in accordance with the **ISO 24496: 2017 Office furniture – Office Chair – Methods for determination of dimensions** guideline.

Seat Height*

Distance between the floor and the compressed seat cushion where the user's thigh meets the seat.

Seat Depth*

Distance from the lumbar prominence to the front edge of the seat.

Seat Width*

Width of the chair seat within the indicated measuring zone.

Backrest Height*

Distance from the seat cushion at centerline to the highest point of the chair back.

Backrest Width*

Width of the backrest at the narrowest point of the lumbar support zone.

Lumbar Support

Height of the most forward point on the back, measured from the compressed seat cushion.

Overall Height (Maximum)

Distance from the floor to the highest point of a chair back (unloaded), with seat height at highest position.

Overall Depth

The distance from the forward caster position/extended seat to the back. Center measured with the chair at an upright position.

Weight

Does not include packaging

Back Tilt Range*

Angle of the back from upright to fully reclined positions in relation to the floor.

Seat Pan Angle*

Seat angle in relation to the floor.

Backrest-to-Seat Angle Range*

Angle between the backrest and the seat from upright to fully reclined positions.

Armrest Height*

Distance from the compressed seat cushion to the top of an armrest.

Armrest Length*

Distance between the most forward and most rearward points on the armrests as measured parallel to the measuring device. Only the portion of this measurements that falls within the specified armrest zone is reported as armrest length.

Armrests, Inside Measurement

Width between the armrests.

Armrests, Outside Measurement

Overall distance from the outer edge of one armrest to the outer edge of the other armrest.

Base Diameter, Outside

Overall diameter of the base

Zeph™ Chairs

Stools											
Chair Description		Overall Height	Overall Width	Overall Depth	Weight	Seat Height	Seat Depth	Seat Width	Backrest Height	Backrest Width	Lumbar Support
Fixed Arms											
Polymer Shell	BA715LP	1194.70 mm Max 992.70 mm Min	614 mm	479 mm	11.7 kg	812 mm Max 614 mm Min	432 mm	557 mm	424 mm	523 mm	240 mm
Polymer Shell with 3D Knit Seat	BA715SP	1194.70 mm Max 992.70 mm Min	614 mm	479 mm	12.2 kg	815 mm Max 617 mm Min	437 mm	557 mm	424 mm	523 mm	240 mm
3D Knit Unibody	BA715UP	1196.70 mm Max 994.70 mm Min	614 mm	479 mm	12.4 kg	815 mm Max 617 mm Min	437 mm	557 mm	424 mm	523 mm	240 mm
No Arms											
Polymer Shell	BA715LN	1194.70 mm Max 992.70 mm Min	543 mm	484 mm	11.5 kg	812 mm Max 614 mm Min	432 mm	532 mm	424 mm	512 mm	240 mm
Polymer Shell with 3D Knit Seat	BA715SN	1194.70 mm Max 992.70 mm Min	549 mm	484 mm	11.9 kg	815 mm Max 617 mm Min	437 mm	532 mm	424 mm	512 mm	240 mm
3D Knit Unibody	BA715UN	1196.70 mm Max 994.70 mm Min	549 mm	484 mm	12.2 kg	815 mm Max 617 mm Min	437 mm	532 mm	424 mm	512 mm	240 mm

* Weight does not include packaging.

Stools						
Seat Pan - Backrest Angle	Seat Pan Angle	Tilt Range	Armrest Clearance /Inside Distance	Base Diameter Outside	Armrest Height	Armrest Length
Fixed Arms						
97.3°	5.6°	97.3° / 110.6°	470 mm	691 mm	220 mm	159 mm
No Arms						
97.9°	5.6°	97.9° / 110.2°	N/A	691 mm	N/A	N/A

Zeph Chairs

Stool

DESCRIPTION

The stool has a 5-star base and has a pneumatic stool-height range. The stool is available in seven finishes and the optional seat pad is available in 1 pattern (Splash) with twenty colors options. The color-matched components of the chair include: the monoshell, tilt assembly, footrest, base assembly, and casters.

The chair provides the proper recline resistance without any adjustments to the user. The only adjustments are the seat height and the footrest height. The footrest has a 175 mm adjustment range, with a max height of 460 mm from the floor.

Arm choices include no arms or fixed arms. Fixed arms are molded into the shell.

CONSTRUCTION

Kinematic Monoshell

The monoshell is made from 10% glass-filled polypropylene. The shell is molded in one piece, and incorporates a seat, back, optional arms, and a beam which connects to the tilt mechanism. The beam stiffness has been calibrated to allow the chair to recline with proper resistance for a wide variety of users.

3D Knit Seat Pad

The seat pad consists of a 10 mm thick 3D knit fabric with a 3D mesh polyester spacer pad which is assembled on the monoshell seat using plastic clips. The seat pad can be easily assembled or removed without tools.

3D Knit Unibody

The unibody consists of a 10 mm thick 3D knit fabric which is assembled on the monoshell using plastic clips. The unibody can be easily assembled or removed without tools and available with or without the foam pad.

Base

The pneumatic seat-height-adjustment mechanism is housed within a steel tube. The tube slides and rotates in a bushing within the base. The top end of the tube is pressed into the tilt mechanism and the lower end is inserted into the 5-star base. The 5-star base is made from glass filled nylon construction with a matching color to the chair body. The chair has 360 degrees of swivel and comes in 2 heights: standard and high.

Footrest

The footrest is made from glass-filled nylon and has an outer diameter of 500 mm. The interior tube of the footrest contains a bushing which allows it to slide overtop the cylinder cover with minimal resistance.

Casters

The chair comes with 60 mm diameter casters. Casters are for use on carpet or hard floors and include quiet-roll technology, which consists of two O-rings on the steel stem. The yoke and wheel are nylon, color-matched to the rest of the chair body. The tread is a black, soft polyurethane. There is an alternative caster option available in APMEA market with black nylon wheels, yoke and soft polyurethane tread.

ADJUSTMENTS

Seat Height

The seat height is adjustable by raising the seat-height lever, which is mounted to the right side of the tilt. Raising the lever increases the seat height when the chair is unoccupied and lowers the seat height when the seat is occupied.

Footrest

The footrest height is adjustable in discrete increments. To decrease the height, press the button and lower the footrest down until it clicks into place at the desired height. Lifting the footrest up will increase the height.

Zeph Chairs

CASTERS

Casters	Size Diameter	Type	Materials	Use
CSQ	60 mm	double wheels	color-matched nylon wheels and yoke, soft polyurethane thread	hard floors or carpet
C9	60 mm	double wheels	black nylon wheels and yoke, soft polyurethane tread, internal brake	hard floors or carpet

Methodology and Dimension Description

The following measurements are displayed in the subsequent measurement charts. The measurements reflect dimensional information necessary for space planning and standards/codes compliance data. The measurements relevant to standards/codes (indicated with a *) were taken with a Chair Measuring Device (CMD) in accordance with the **ISO 24496: 2017 Office furniture – Office Chair – Methods for determination of dimensions** guideline.

Seat Height*

Distance between the floor and the compressed seat cushion where the user's thigh meets the seat.

Seat Depth*

Distance from the lumbar prominence to the front edge of the seat.

Seat Width*

Width of the chair seat within the indicated measuring zone.

Backrest Height*

Distance from the seat cushion at centerline to the highest point of the chair back.

Backrest Width*

Width of the backrest at the narrowest point of the lumbar support zone.

Lumbar Support

Height of the most forward point on the back, measured from the compressed seat cushion.

Overall Height (Maximum)

Distance from the floor to the highest point of a chair back (unloaded), with seat height at highest position.

Overall Width

Width distance at the widest sideward caster positions or seat/arm maximum width.

Overall Depth

The distance from forward caster/glide position/extended seat to rear caster/glide position. Measured with chair at upright position.

Weight

Does not include packaging

Back Tilt Range*

Angle of the back from upright to fully reclined positions in relation to the floor.

Seat Pan Angle*

Seat angle in relation to the floor.

Backrest-to-Seat Angle Range*

Angle between the backrest and the seat from upright to fully reclined positions.

Armrest Height*

Distance from the compressed seat cushion to the top of an armrest.

Armrest Length*

Distance between the most forward and most rearward points on the armrests as measured parallel to the measuring device. Only the portion of this measurements that falls within the specified armrest zone is reported as armrest length.

Armrests, Inside Measurement

Width between the armrests.

Zeph Chairs

Seating Measurements – Side Chairs

Side Chair with Glides											
Chair Description		Overall Height	Overall Width	Overall Depth	Weight	Seat Height	Seat Depth	Seat Width	Backrest Height	Backrest Width	Lumbar Support
Fixed Arms											
Polymer Shell	BA41V1LP	831 mm	615 mm	511 mm	8.0 kg	462 mm	432 mm	556 mm	424 mm	523 mm	239 mm
Polymer Shell with 3D Knit Seat	BA41V1SP	831 mm	615 mm	513 mm	8.4 kg	465 mm	437 mm	556 mm	424 mm	523 mm	239 mm
3D Knit Unibody	BA41V1UP	833 mm	615 mm	513 mm	8.7 kg	465 mm	437 mm	556 mm	424 mm	523 mm	239 mm
No Arms											
Polymer Shell	BA41V1LN	831 mm	544 mm	511 mm	7.8 kg	462 mm	432 mm	531 mm	424 mm	513 mm	239 mm
Polymer Shell with 3D Knit Seat	BA41V1SN	831 mm	549 mm	513 mm	8.2 kg	465 mm	437 mm	531 mm	424 mm	513 mm	239 mm
3D Knit Unibody	BA41V1UN	833 mm	549 mm	513 mm	8.4 kg	465 mm	437 mm	531 mm	424 mm	513 mm	239 mm

* Weight does not include packaging.

Side Chair with Glides					
Seat Pan - Backrest Angle	Seat Pan Angle	Tilt Range	Armrest Clearance /Inside Distance	Armrest Height	Armrest Length
Fixed Arms					
97.3°	5.6°	97.3° / 110.6°	470 mm	221 mm	160 mm
No Arms					
97.9°	5.6°	97.9° / 110.2°	N/A	N/A	N/A

Zeph Chairs

Side Chair with Casters											
Chair Description		Overall Height	Overall Width	Overall Depth	Weight	Seat Height	Seat Depth	Seat Width	Backrest Height	Backrest Width	Lumbar Support
Fixed Arms											
Polymer Shell	BA41V1LP	831 mm	615 mm	544 mm	8.8 kg	462 mm	432 mm	556 mm	424 mm	523 mm	239 mm
Polymer Shell with 3D Knit Seat	BA41V1SP	831 mm	615 mm	544 mm	9.2 kg	465 mm	437 mm	556 mm	424 mm	523 mm	239 mm
3D Knit Unibody	BA41V1UP	833 mm	615 mm	544 mm	9.4 kg	465 mm	437 mm	556 mm	424 mm	523 mm	239 mm
No Arms											
Polymer Shell	BA41V1LN	831 mm	592 mm	544 mm	8.5 kg	462 mm	432 mm	531 mm	424 mm	513 mm	239 mm
Polymer Shell with 3D Knit Seat	BA41V1SN	831 mm	592 mm	544 mm	8.9 kg	465 mm	437 mm	531 mm	424 mm	513 mm	239 mm
3D Knit Unibody	BA41V1UN	833 mm	592 mm	544 mm	9.2 kg	465 mm	437 mm	531 mm	424 mm	513 mm	239 mm

* Weight does not include packaging.

Side Chair with Casters					
Seat Pan - Backrest Angle	Seat Pan Angle	Tilt Range	Armrest Clearance /Inside Distance	Armrest Height	Armrest Length
Fixed Arms					
97.3°	5.6°	97.3° / 110.6°	470 mm	221 mm	160 mm
No Arms					
97.9°	5.6°	97.9° / 110.2°	N/A	N/A	N/A

Zeph™ Chairs

Side Chairs

DESCRIPTION

The side chair has a 4-leg base with glides or casters. The side chair is available in seven finishes and the optional seat pad is available in 1 pattern (Splash) with twenty colors options. The color-matched components of the chair include: the monoshell, tilt assembly and 4-leg base.

The chair provides the proper recline resistance without any adjustments to the user. The seat height is fixed. Side chairs are not stackable.

Arm choices include no arms or fixed arms. Fixed arms are molded into the shell.

CONSTRUCTION

Kinematic Monoshell

The monoshell is made from 10% glass-filled polypropylene. The shell is molded in one piece, and incorporates a seat, back, optional arms, and a beam which connects to the tilt mechanism. The beam stiffness has been calibrated to allow the chair to recline with proper resistance for a wide variety of users.

3D Knit Seat Pad

The seat pad consists of a 10 mm thick 3D knit fabric with a 3D knit mesh spacer pad which is assembled on the monoshell seat using plastic clips. The seat pad can be easily assembled or removed without tools.

3D Knit Unibody

The unibody consists of a 10 mm thick 3D knit fabric which is assembled on the monoshell using plastic clips. The unibody can be easily assembled or removed without tools and available with or without the foam pad.

4-leg Base

The chair's legs shall be 22.23 mm diameter tubular steel and shall be finished with powder-coat epoxy paint. There are two types of 4-leg bases each for glide or caster.

Casters and Glides

The chair comes with glides or casters as options.

CASTERS and GLIDES

Casters	Size Diameter	Type	Materials	Use
32	47.6 mm	Hard wheels	Black nylon wheels and yoke	Carpet only
49	47.6 mm	Soft wheels	Black nylon wheels and yoke, soft polyurethane tread	Carpet or hard floors
Glides	Size Diameter	Type	Materials	Use
GFG	30.5 mm	Swivel glide, floor saver	Nylon body, steel swivel, acetal base	Hard floors only
GNB	30.5 mm	Swivel glide, nylon base	Nylon body, steel swivel, nylon base	Carpet only