

# Generation by Knoll™ Dimensions, Features and Operating Instructions

Seat*	BIFMA G1-2002 Ergonomic Guidelines	Generation by Knoll Ergonomic Dimensions	
		Thin Seat Foam	Ultra Seat Foam
Seat Height	15" - 19.9" minimum range (one or combination of chairs)	15" - 19.5" (low cylinder) 16.5" - 21.75" (standard cylinder) 17.75" - 23.25" (high cylinder)**	15.75" - 20.25" (low cylinder) 17.25" - 22.5" (standard cylinder) 18.5" - 24" (high cylinder)**
Seat Depth (Adjustable)	Include 16.9" or less in range	15" - 18" (with arms) 15" - 17.5" (armless)	15.75" - 18.75" (with arms) 15.75" - 18.25" (armless)
Seat Width	18" minimum	21"	
Seat Pan Angle (Fixed)	In range of 0° - 4° rearward	1.3° rearward at rest	
<b>Back</b>			
Backrest Height	12.2" minimum	24.125"	
Backrest Width	14.2" minimum	19.375" at top of lumbar area	
Lumbar Support (Fixed)	In range of 5.9" - 9.8"	9.25"	
Lumbar Support (Adjustable)	Include part of 5.9" - 9.8" range	8.125" - 11.375" (optional lumbar)	
Angle Between Seat and Back	≥90°, include 10° movement in 90° - 115° range	96° - 111°	
Tilt Range of Back	10° minimum	15°	
<b>Arms*</b>			
Armrest Height from Seat (Adjustable)	6.9" - 10.8" minimum range (single or multiple sets of arms)	6.625" - 11.125" (height adjustable) 6.625" - 11.125" (high performance)	6.125" - 10.625" (height adjustable) 6.125" - 10.625" (high performance)
Inside Distance Between Armrests (Fixed)	18" minimum	21.5" (height adjustable)	
Inside Distance Between Armrest (Adjustable)	Include 18" in range	17.5" - 19.5" (high performance)	

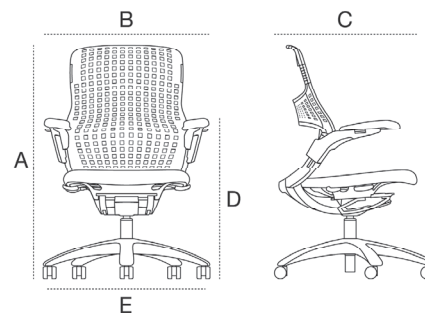
\* All measurements taken with BIFMA Chair Measuring Device using the Universal Measurement Procedure which has a measurement uncertainty of ±5%

\*\* Not available armless

## Generation by Knoll Chair Measurements\*\*\*

A. Overall Height	39.25" - 44.5" (glides reduce height by 0.25")
B. Overall Width	21" armless 28.5" with arms
C. Overall Depth	26" excluding base
D. Arm Height from Floor	22.75" - 32.5" (height adjustable and high performance arms)
E. Base Diameter	26.75"
Weight	37 lbs. (plastic base, high performance arms) 39 lbs. (aluminum base, high performance arms)

\*\*\*Standard cylinder



## Generation by Knoll Performance Information

Synchronized recline ratio seat:back is 1°:4.4°

Arm pads measure 9.6" long x 4.3" wide

High performance arm pads adjust 2" in width (1" per arm), 1.5" in depth and pivot 45°

Flex Top folds up to 90° rearward

Compliance: ANSI/BIFMA X5.1 : 2002 (U.S. structural standard)

BIFMA G1 : 2002 (U.S. ergonomic guidelines)

ANSI/HFES 100-2007 (U.S. ergonomic standard)

California T.B. 117 (U.S. flammability standard for foam)

California T.B. 133 with approved FR textile, Dark finish and aluminum base (U.S. flammability standard for full chair)

BS 5459.2 : 2000 (European structural standard)

EN 1335-1 : 2000 (European ergonomic standard)

AS/NZS 4438 : 1997 Level 6 (Australia, New Zealand ergonomic standard)

The Generation by Knoll chair has been tested and is approved for use by individuals weighing up to 300 pounds



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