

Suprema™ Retro Wood-to-the-Floor Mechanism



-  WOOD-TO-THE-FLOOR
-  POWER ONLY
-  EZ OPERATION
-  350 lbs WEIGHT CAPACITY
-  32° BACK INCLINE
-  MOTORIZED HEADREST OPTIONS AVAILABLE
-  SAME INNOVA FRAME SPECS

Ultra-sleek reclining motorized mechanism that retrofits in our InNova® range.

Suprema™ Retro is an ultra-sleek motion furniture mechanism that retrofits in our InNova® range. Designed for contemporary furniture, it provides greater comfort, durability, and quality. Suprema™ Retro has the ability to be installed within leg heights of 2.5" (63.5 mm) without flipper ottoman to 6" (152.4 mm) with flipper ottoman, and its motorized headrest options include VersaTilt, Contempo 120, and Contempo XL.



Low-Leg application



High-Leg application



Single



Love Seat



Sofa



Sectional



Theater

SEAT CUSHION WIDTH REFERENCE CHART

ORDERING DASH	SEAT CUSHION WIDTH	
	INCHES	METRIC
1	20.25	514.40
2	21.25	539.80
3	22.25	565.20
4	22.75	577.90
5	23.38	593.70
6	24.25	616.00
7	25.25	641.40
8	27.88	708.00
9	28.75	730.30
10	30.44	773.10
11	31.00	787.40
12	33.75	857.30



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Test Report

Test Date	Test Report No.	Test Performed by	Title/ Part No.	Starting Date	Completion Date
2020/06/22	LPCN20027-01	Alice Chen Yao	3542 Life Cycle Test	2020/06/03	2020/06/22
To	Gavin Gou,Rita Ma and Antoflow Pan				
From	China Furniture Hardware Division Testing Centre				

Purpose/History:

To evaluate the performance and durability of the mechanism of 3542, we conducted a life cycle test on the sample of 3542. Leggett and Platt Test Procedure, "25,000-Cycle, 350 lbs load Recline Life Test" was used for this test.

Set up/Procedures:

- To install the 350 lbs sample onto testing setup ;
- To place the 350 lbs load onto it as per Leggett and Platt Test Procedure, see below weight distribution:

Load Position	Back	Seat	Footrest
Weight	34.3Kg(75.6Lbs)	108Kg(238Lbs)	16.5Kg(36.4Lbs)
Distribution Percentage	21.6%	68%	10.4%

- To record the cycles by the counter that at full recliner position.

Data:

Data recorded throughout the tested resulted in an extended-footrest drop (from wear) of 1.14"(29.0mm), and a reclined-back droop (from wear) of 0.57"(14.4mm); but both within acceptable limits.

Results:

This mechanism completed the 25,000-cyle life test without abnormal noises, wear or any loss of function. See the sample after test from the below Picture 1.



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Conclusion:

Per this procedure, 3542 mechanism passed the “25,000-cycle 350 lbs” life test as per the Leggett & Platt Test Standard .

Pictures:



Picture 1: Sample after Test

Other Remarks: