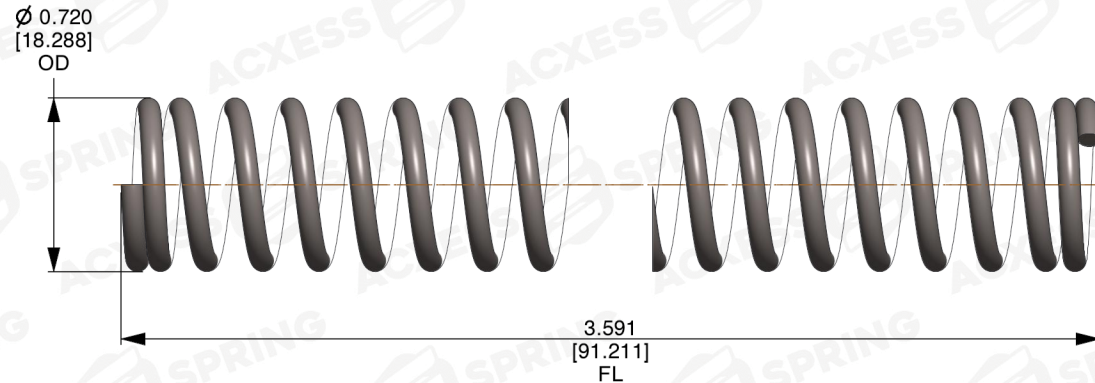
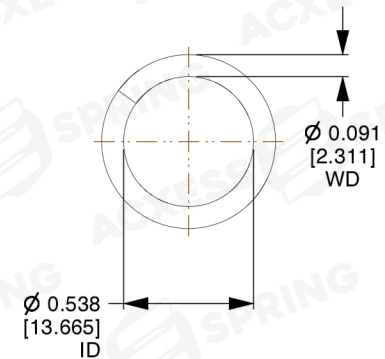


Part Name:	Date: 06/02/2026
Part #: in PC091-720-16900-MW-3591-C-N-IN	
Spring Type: Compression Spring	End Type: Closed End
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 6.912
Weight / M: 61.715 Lbs	Length of W: 33.395 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.091 in	[2.311 mm]	+/- 0.001
Outer Diameter (OD)	0.720 in	[18.288 mm]	+/- 0.015
Mean Diameter (MD)	0.629 in	[15.977 mm]	+/- 0.015
Inner Diameter (ID)	0.538 in	[13.665 mm]	+/- 0.015
Free Length (FL)	3.591 in	[91.211 mm]	+/- 0.100
Active Coils (AC)	14.900	14.900	+/- 1/4 Coil
Total Coils (TC)	16.900	16.900	+/- 1/4 Coil
Solid Height (SH)	1.629 in	[41.377 mm]	+/- 0.114
Coil Pitch (CP)	0.223 in	[5.657 mm]	
Rise Angle (RA)	6.430	[6.430]	
Spring Rate (K)	26.56866 lbs/in	4.653 N/mm	+/- 2.657
Max Load (ML)	50.741 lbf	225.709 N	+/- 5.074
Max Travel (MT)	1.910 in	48.509 mm	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	131130.000 PSI	904109523.831 Pa	
Wahl Correction Factor (W)	1.216	1.216	



Notes	Scale: 1.258	Revision #:	Drawn By:	Approved By:
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