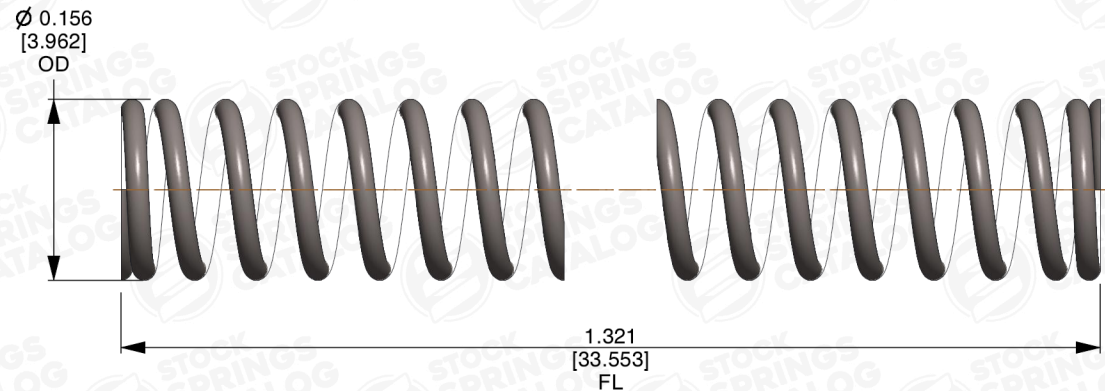
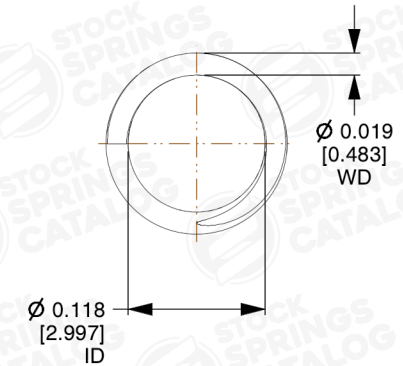


Part Name:	Date: 06/02/2026
Part #: in	PC019-156-27000-MW-1321-CG-N-IN ↗
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 7.210
Weight / M: 0.936 Lbs	Length of W: 11.621 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.019 in	[0.483 mm]	+/- 0.001
Outer Diameter (OD)	0.156 in	[3.962 mm]	+/- 0.005
Mean Diameter (MD)	0.137 in	[3.480 mm]	+/- 0.005
Inner Diameter (ID)	0.118 in	[2.997 mm]	+/- 0.005
Free Length (FL)	1.321 in	[33.553 mm]	+/- 0.050
Active Coils (AC)	25.000	25.000	+/- 1/4 Coil
Total Coils (TC)	27.000	27.000	+/- 1/4 Coil
Solid Height (SH)	0.513 in	[13.030 mm]	+/- 0.036
Coil Pitch (CP)	0.051 in	[1.303 mm]	
Rise Angle (RA)	6.800	[6.800]	
Spring Rate (K)	2.91243 lbs/in	0.510 N/mm	+/- 0.291
Max Load (ML)	2.353 lbf	10.468 N	+/- 0.235
Max Travel (MT)	0.808 in	20.523 mm	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	167320.000 PSI	1153630790.265 Pa	
Wahl Correction Factor (W)	1.206	1.206	



Notes	Scale: 6.047	Revision #:	Drawn By:	Approved By:
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