



By **ACCESS SPRING**

**Force that
EMPOWERS**

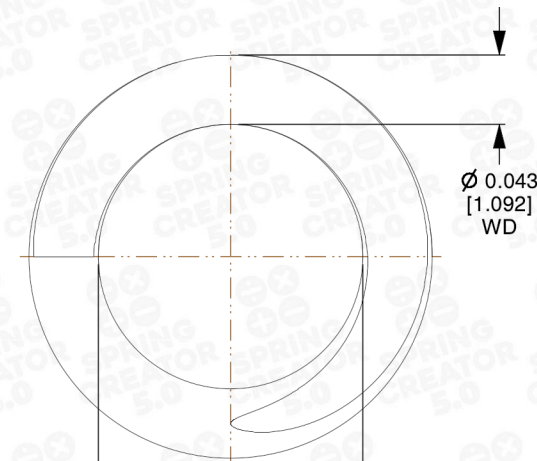
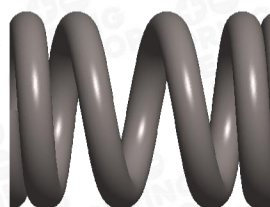
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Part Name:	Date: 06/02/2026
Part #: in PC043-250-5000-MW-0340-CG-N-IN	
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 4.814
Weight / M: 1.342 Lbs	Length of W: 3.252 in

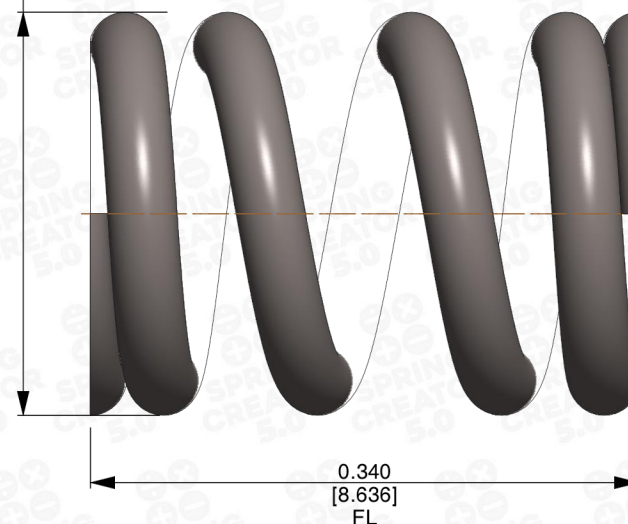
Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.043 in	[1.092 mm]	+/- 0.001
Outer Diameter (OD)	0.250 in	[6.350 mm]	+/- 0.005
Mean Diameter (MD)	0.207 in	[5.258 mm]	+/- 0.005
Inner Diameter (ID)	0.164 in	[4.166 mm]	+/- 0.005
Free Length (FL)	0.340 in	[8.636 mm]	+/- 0.015
Active Coils (AC)	3.000	3.000	+/- 1/4 Coil
Total Coils (TC)	5.000	5.000	+/- 1/4 Coil
Solid Height (SH)	0.215 in	[5.461 mm]	+/- 0.015
Coil Pitch (CP)	0.085 in	[2.151 mm]	
Rise Angle (RA)	7.418	[7.418]	
Spring Rate (K)	184.580 lbs/in	32.325 N/mm	+/- 18.458
Max Load (ML)	16.861 lbf	75.001 N	+/- 1.686
Max Travel (MT)	0.091 in	2.319 mm	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	148050.000 PSI	1020768817.229 Pa	
Wahl Correction Factor (W)	1.324	1.324	



Ø 0.043
[1.092]
WD

Ø 0.250
[6.350]
OD

Ø 0.164
[4.166]
ID



Notes	Scale: 8.400	Revision #:	Drawn By:	Approved By:
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