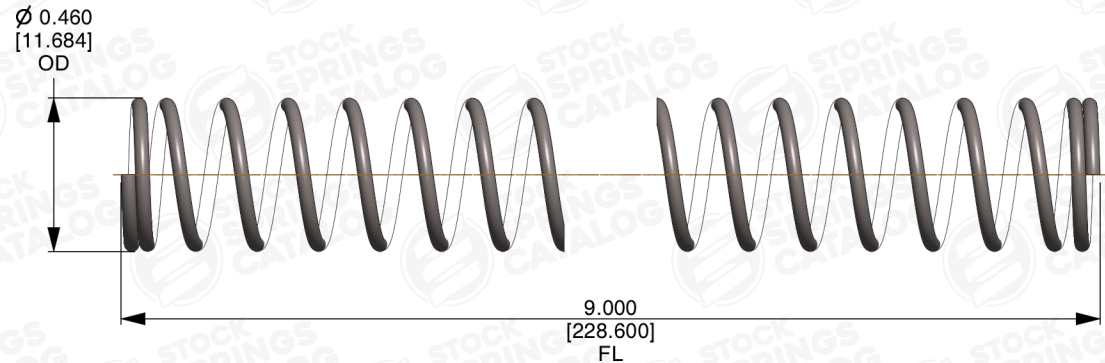
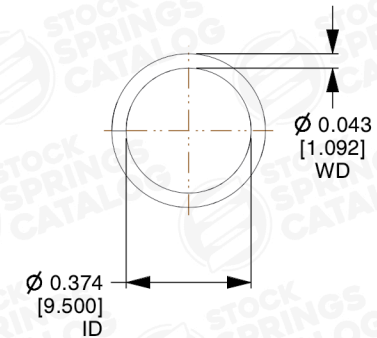


Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PC043-460-51000-MW-9000-C-N-IN
Spring Type: Compression Spring	End Type: Closed End
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 9.698
Weight / M: 27.569 Lbs	Length of W: 66.812 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.043 in	[1.092 mm]	+/- 0.001
Outer Diameter (OD)	0.460 in	[11.684 mm]	+/- 0.008
Mean Diameter (MD)	0.417 in	[10.592 mm]	+/- 0.008
Inner Diameter (ID)	0.374 in	[9.500 mm]	+/- 0.008
Free Length (FL)	9.000 in	[228.600 mm]	+/- 0.300
Active Coils (AC)	49.000	49.000	+/- 1/4 Coil
Total Coils (TC)	51.000	51.000	+/- 1/4 Coil
Solid Height (SH)	2.236 in	[56.794 mm]	+/- 0.157
Coil Pitch (CP)	0.181 in	[4.597 mm]	
Rise Angle (RA)	7.868	[7.868]	
Spring Rate (K)	1.382 lbs/in	0.242 N/mm	+/- 0.138
Max Load (ML)	9.350 lbf	41.591 N	+/- 0.935
Max Travel (MT)	6.764 in	171.806 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)	1.150	1.150	



Notes	Scale: 1.740	Revision #:	Drawn By:	Approved By:
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