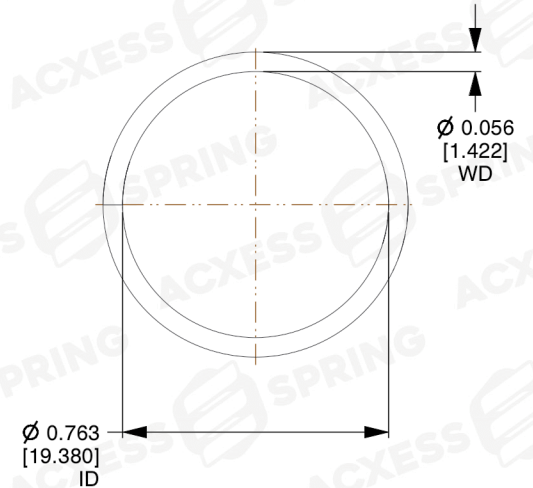
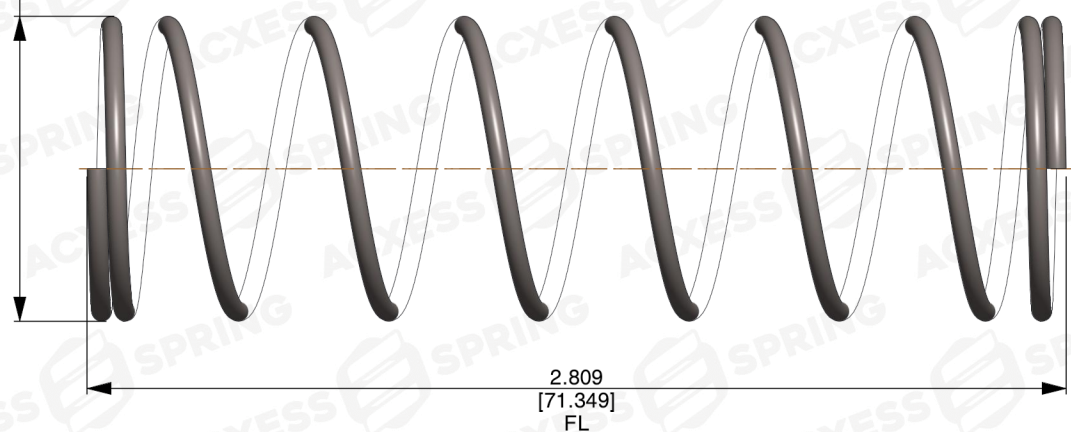


Part Name:	Date: 06/02/2026
Part #: in PC056-875-9000-MW-2809-C-N-IN 	
Spring Type: Compression Spring	End Type: Closed End
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 14.625
Weight / M: 16.206 Lbs	Length of W: 23.157 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.056 in	[1.422 mm]	+/- 0.001
Outer Diameter (OD)	0.875 in	[22.225 mm]	+/- 0.020
Mean Diameter (MD)	0.819 in	[20.803 mm]	+/- 0.020
Inner Diameter (ID)	0.763 in	[19.380 mm]	+/- 0.020
Free Length (FL)	2.809 in	[71.349 mm]	+/- 0.100
Active Coils (AC)	7.000	7.000	+/- 1/4 Coil
Total Coils (TC)	9.000	9.000	+/- 1/4 Coil
Solid Height (SH)	0.560 in	[14.224 mm]	+/- 0.039
Coil Pitch (CP)	0.377 in	[9.583 mm]	
Rise Angle (RA)	8.342	[8.342]	
Spring Rate (K)	3.67405 lbs/in	0.643 N/mm	+/- 0.367
Max Load (ML)	8.263 lbf	36.755 N	+/- 0.826
Max Travel (MT)	2.249 in	57.125 mm	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	142410.000 PSI	981882386.096 Pa	
Wahl Correction Factor (W)	1.097	1.097	



Ø 0.875
[22.225]
OD



Notes	Scale: 1.816	Revision #:	Drawn By:	Approved By:
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