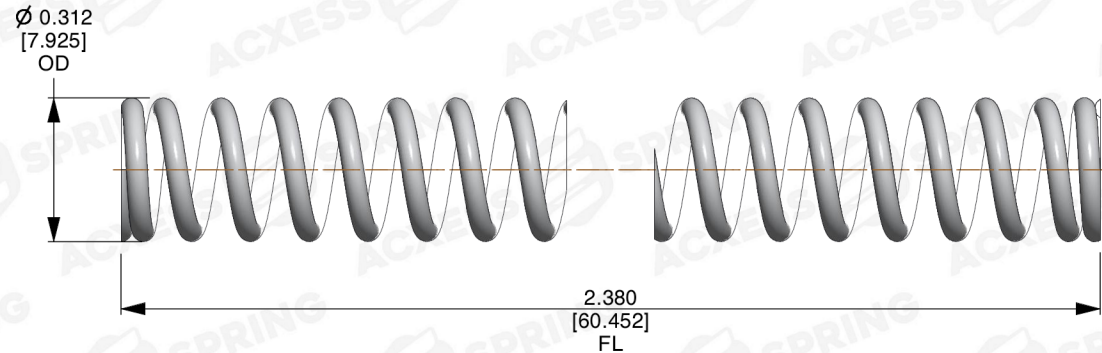
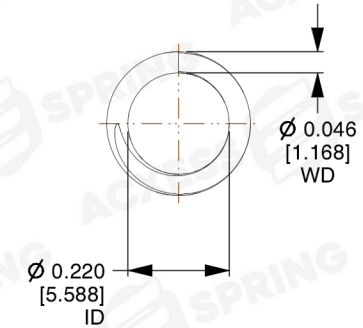


Part Name:	Date: 06/02/2026
Part #: in PC046-312-20750-SST-2380-CG-N-IN	
Spring Type: Compression Spring	End Type: Closed & Ground End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 5.783
Weight / M: 8.329 Lbs	Length of W: 17.340 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.046 in	[1.168 mm]	+/- 0.001
Outer Diameter (OD)	0.312 in	[7.925 mm]	+/- 0.008
Mean Diameter (MD)	0.266 in	[6.756 mm]	+/- 0.008
Inner Diameter (ID)	0.220 in	[5.588 mm]	+/- 0.008
Free Length (FL)	2.380 in	[60.452 mm]	+/- 0.100
Active Coils (AC)	18.750	18.750	+/- 1/4 Coil
Total Coils (TC)	20.750	20.750	+/- 1/4 Coil
Solid Height (SH)	0.955 in	[24.257 mm]	+/- 0.067
Coil Pitch (CP)	0.122 in	[3.099 mm]	
Rise Angle (RA)	8.308	[8.308]	
Spring Rate (K)	15.77958 lbs/in	2.763 N/mm	+/- 1.578
Max Load (ML)	14.543 lbf	64.691 N	+/- 1.454
Max Travel (MT)	0.922 in	23.409 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	127840.000 PSI	881425772.337 Pa	
Wahl Correction Factor (W)	1.263	1.263	



Notes	Scale: 2.400	Revision #:	Drawn By:	Approved By:
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