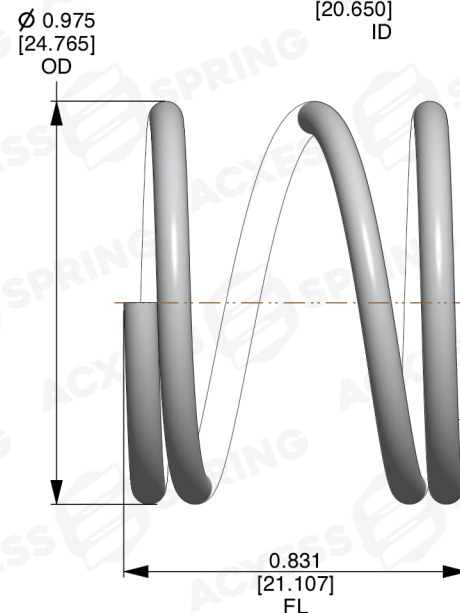
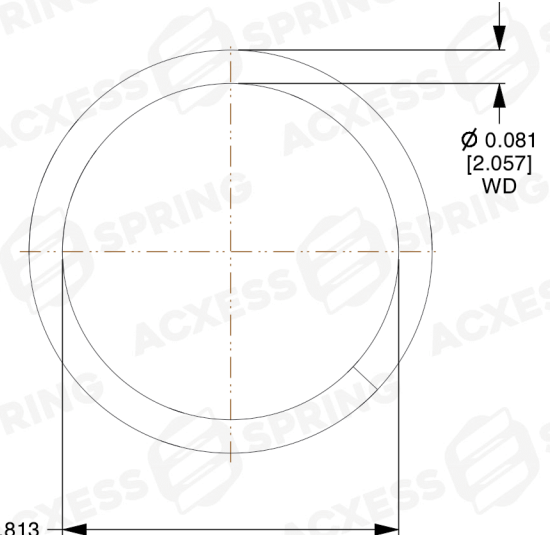


Part Name:	Date: 06/02/2026
Part #: in PC081-975-3380-SST-0831-C-N-IN	
(Click to see Part # on Website)	
Spring Type: Compression Spring	End Type: Closed End
Finish: None	Direction of Wind: Right Hand
Material: Stainless 302 ASTM A313	Spring Index (I): 11.037
Weight / M: 14.138 Lbs	Length of W: 9.493 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.081 in	[2.057 mm]	+/- 0.001
Outer Diameter (OD)	0.975 in	[24.765 mm]	+/- 0.020
Mean Diameter (MD)	0.894 in	[22.708 mm]	+/- 0.020
Inner Diameter (ID)	0.813 in	[20.650 mm]	+/- 0.020
Free Length (FL)	0.831 in	[21.107 mm]	+/- 0.025
Active Coils (AC)	1.380	1.380	+/- 1/4 Coil
Total Coils (TC)	3.380	3.380	+/- 1/4 Coil
Solid Height (SH)	0.355 in	[9.017 mm]	+/- 0.025
Coil Pitch (CP)	0.426 in	[10.823 mm]	
Rise Angle (RA)	8.627	[8.627]	
Spring Rate (K)	54.29485 lbs/in	9.508 N/mm	+/- 5.429
Max Load (ML)	23.876 lbf	106.206 N	+/- 2.388
Max Travel (MT)	0.440 in	11.168 mm	
Material Shear Modulus (G)	9949475.938 PSI	68599221788.087 Pa	
Max Shear Stress Possible (t max)	115620.000 PSI	797171838.217 Pa	
Wahl Correction Factor (W)	1.130	1.130	



Notes	Scale: 2.154	Revision #:	Drawn By:	Approved By:
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