

TOP LIMIT

A/C	Part No. / F Code	Spec	M Code	Date	Scanned Drg No	Rev
007	03-0052-002	177		09-Feb-24	03-0052-002 0.197"	AB
007	03-0052-002		S 1	09-Feb-24	Prof ID	




Free Length	2.180	1st Position				2nd Position	3rd Position	Solid	Units	lb/in
Wire Dia	0.197 x 0.000	Deflection	0.131	0.526	0.658	0.668	S/Ratio	2.966		
Rate	787.000	Load	103.097	413.962	517.846	525.489	Index	3.731		
Inside Dia	0.538	Length	2.049	1.654	1.522	1.512	Corr	1.439		
Outside Dia	0.932	C / Coil	0.083	0.022	0.001		Wt. (lb)	0.163		
Max O Dia	1.000	Reserve	0.537	0.142	0.010		Len (ft)	1.573		
Mean Dia	0.735	Reserve %	409.703	26.941	1.476					
Active Turns	6.477	Deflection R	19.619	78.777	98.546					
Inactive Turns	1.700	Unc. Stress	25239	101342	126774	128645				
Total Turns	8.177	Corr. Stre	36329	145872	182479	185172				
CCEE	0.000	Cycle Design		Solid Compression Allowe						
Hand	Right									

Test Results Req

Bottom Limit

A/C	Part No. / F Code	Spec	M Code	Date	Scanned Drg No	Rev
169	X09812	177		12-Nov-12		
222	N/A		S 2	21-Aug-10	Pref E	



Free Length	3.000				
Wire Dia	0.120 x 0.000				
Rate	33.500				
Inside Dia	1.000	<input checked="" type="radio"/>			
Outside Dia	1.240	<input type="radio"/>			
Max O Dia	1.560	<input type="radio"/>			
Mean Dia	1.120	<input type="radio"/>			
Active Turns	5.920				
Inactive Turns	1.750				
Total Turns	7.670				
CCEE	0.000				
Hand					

Deflection	0.250	0.615	0.615	2.140
Load	8.375	20.602	20.602	71.675
Length	2.750	2.385	2.385	0.860
C / Coil	0.319	0.258	0.258	
Reserve	1.890	1.525	1.525	
Reserve %	755.825	247.896	247.896	
Deflection R	11.685	28.744	28.744	
Unc. Stress	13823	34004	34004	118300
Corr. Stre	15813	38901	38901	135335

☐ Cycle Design

☒ Solid Compression Allowe

Units	lb/in
S/Ratio	2.679
Index	9.333
Corr	1.144
Wt (lb)	0.087
Len (ft)	2.249

USA REVISION -10/17/1990

RATE = 33.5 LB/IN +/- 5%

DATA SHEET SPECIFIED I/D = 1.000" + 0.020" / - 0.00"

MAX SOLID 2.231"

CHECK I/D WITH GAUGES

STOCK