

- (a) 15" (381 mm) long threaded rod
(b) Full hex nuts (6 per isolator)
(c) USS washer (5 per isolator)

PERFORMANCE FOR PAIR OF ISOLATORS

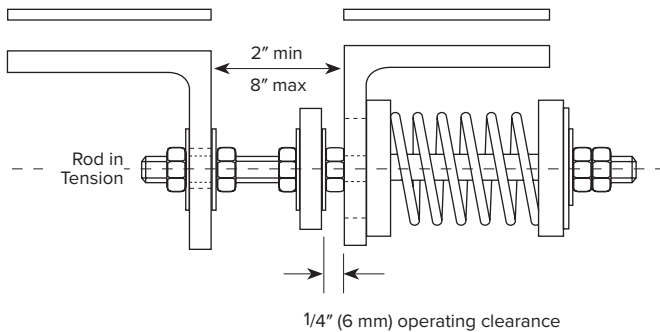
Model	Spring Color	Thrust Load Range per Pair of Isolators		Isolator Weight for pair †	
		Non-Precompressed (Min.) lb kN	Precompressed (Max.) lb kN	lb	kg
AHCS-1N-50	Blue	25 0.11	125 0.56	12.5	5.7
AHCS-1N-100	White	50 0.22	250 1.11	12.5	5.7
AHCS-1N-150	Orange	75 0.33	375 1.67	12.5	5.7
AHCS-1N-200	Gray	100 0.44	500 2.22	12.5	5.7
AHCS-1N-300	Black	150 0.67	750 3.34	12.7	5.8
AHCS-1N-400	Green	200 0.89	1000 4.45	12.7	5.8
AHCS-1N-500	Yellow	250 1.11	1250 5.56	12.7	5.8
AHCS-1N-600	Red	300 1.33	1500 6.67	12.7	5.8
AHCS-1N-800	Blue	400 1.80	2000 8.90	12.9	5.9
AHCS-1N-1000	Ivory	500 2.22	2500 11.12	16.6	5.9
AHCS-1N-1500	White	750 3.34	3750 16.68	16.6	5.9

† weights are approximate

DIMENSIONS: AHCS-1N

Model	X in mm	Rod Ø in mm	Angle Brackets in mm
AHCS-1N			
50-800	3 76	1/2 13	4 × 4 × 1/4 101 × 101 × 6
1000-1500	4 102	5/8 16	4 × 4 × 3/8 101 × 101 × 10

PLAN VIEW DETAIL



NOTES

- Two assemblies required per installation
- Used for base mounted and suspended inline fans
- All parts except backing plates and attachment hardware are supplied by Vibro-Acoustics
- Minimum spring k_x/k_y ratio of 0.8
- All elements safe at solid loading
- All hardware zinc-plated, Grade 2 minimum
- All springs enamel powder-coated
- Brackets prime-painted
- Thrust load range based on min. spring deflection of 0.25", a max. spring deflection of 1.25", and angle bracket strength limits.
- Precompression of springs done on site by installing contractor as required.

Project:	Model:	QTY of sets required:		
Customer:	DWN:	CHK:	REV:	DATE:
Consultant:	TAG:	UNIT:		
V-A Project No.:	COMMENTS:			
V-A Project Manager:				