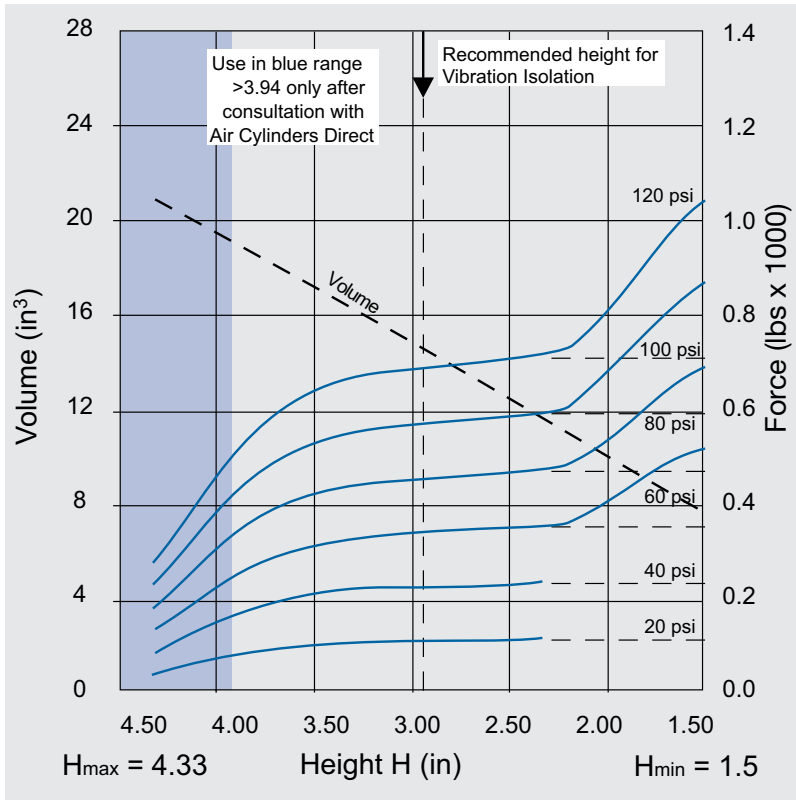


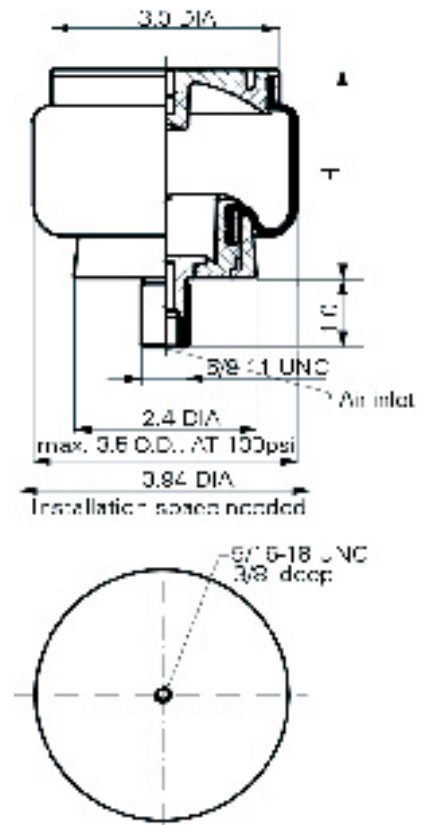


### Air Cylinders Direct Sleeve Type Air Bellows

E-ASNC6-2-1



Force-Height Diagram



#### TECHNICAL DATA

Min. Pressure	0 PSI
Return Force to Min. Height	≤ 34 lbs
Overall Weight with Clamped Plates	0.66 lbs

#### Vibration Isolation – Dynamic Characteristic Values

Design Height H: Recommended 2.95 Inch, lateral guidance necessary

Pressure p (psi)	40	60	80	100	120	Vol (in <sup>3</sup> )
Force (Load) (lbs)	230	340	460	570	690	
Spring Rate (lbs/in)	159	221	272	310	363	15
Natural Frequency (Hz)	2.7	2.5	2.4	2.3	2.3	

#### Pneumatic Application – Static Characteristic Values

Force F (lbs)								
Pressure p (psi)	20	40	60	80	100	120	Vol (in <sup>3</sup> )	
Height H (in)	3.5	100	210	310	420	520	630	17.2
	3	110	230	340	460	570	80	14.9
	2.5	120	240	360	470	590	710	12.5

#### ORDER DATA

Type	Model Number
With 1/8 NPTF Air Inlet - Brass Stud	E-ASNC6-2-1

Additional types on request.

Installation Instruction –  
 5/16-18 UNC = 2-4 lb-ft  
 5/8-11 UNC = 8-10 lb-ft  
 1/8 NPTF = Handtight plus one turn

#### Note:

The dotted lines on the static load curves shows the force of the ASNC6-2-1 with an additional 0.6inch. pedestal under the piston. This pedestal is NOT provided by Numatics. If this pedestal is not used, then the bellows will contact the ground at a height of approx. 2.2inch. This should be avoided because it could cause wear at the bellows. Minimum pressure for service without pedestal is 45psi.