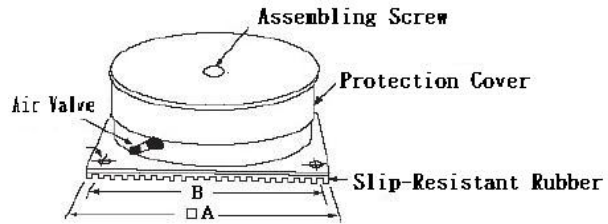
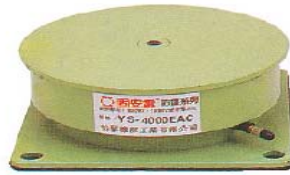




# 固安震®

# YS-EAC TYPE AIR CUSHION ISOLATOR

## Structure



## Specification Table

MODEL	Load Range	Dimension (mm)		Fixed diameter D φ (m/m)	Assembling screw SxL(mm)	H(m/m)	
	KGS	□A	B			Before inflation	In use
YS-75EAC	15-75	112	94	14	3/8"x40	85	91~95
YS-200EAC	60-200	146	119	14	1/2"x50		
YS-400EAC	200-400	206	180	14	1/2"x50		
YS-800EAC	400-800	260	234	14	1/2"x50		
YS-1500EAC	800-1500	316	286	17	5/8"x75		
YS-2600EAC	1500-2600	386	356	17	3/4"x75		
YS-4000EAC	2600-4000	476	446	17	7/8"x75	92	98~102
YS-5500EAC	4000-5500	600	560	20	1"x100		

● Air pressure range: 0.5~4kg/cm2

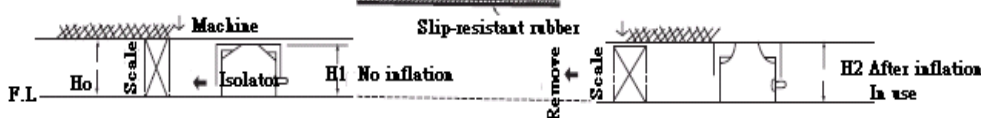
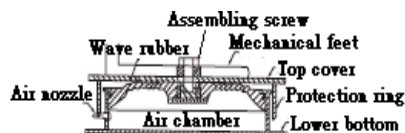
● Height range: 100mm (Max.) YS-75EAC ~ 4000EAC.  
107mm (Max.) YS-5500EAC.

## Features

- ⊙ High anti-vibration efficiency: The natural frequency of the air cushion isoator is particuary sma (approx.3.0~5.0HZ); thus seismic isoation is reativey high.
- ⊙ No need to worry about eastic fatigue or deformation: Air is used as the medium of seismic isoation; thus the oad of bearing equipment can permanenty maintain idea easticity.
- ⊙ Best muffing effect: Air is a bad conductor of sound; therefore it serves as a good medium for providing a muffing effect.
- ⊙ Durability: The neoprene rubber has exceent weather resistance property and high durability.
- ⊙ Easy to use with high safety: The instaation is simpe and the height is adjusted for convenient use. With the additiona protection of externa stee casing, the rubber is not affected by oi stains, foreign objects, sun ight or ozone.
- ⊙ Extension of usage lifetime: This air cushion isoator has an exceent anti-vibration effect to reduce damage to the equipment, which extends the ifetime of usage.
- ⊙ Patented product: ROC patent Nos. 109287 and 111872, as we as the PROC patent Z96210523.6.

## Important During Installation

- ⊙ Before installing the air cushion isolator, the load center must first be located for symmetrical provision to derive the average load capacity of each point, plus the safety coefficient (approx. 10~20% for precision instrument, 30~60% for rotating machinery, and 70~100% for press or impact machinery), in order to select the most suitable air cushion model.
- ⊙ No need to worry about eastic fatigue or deformation: Air is used as the medium of seismic isoation; thus the oad of bearing equipment can permanenty maintain idea easticity.
- ⊙ Best muffing effect: Air is a bad conductor of sound; therefore it serves as a good medium for providing a muffing effect.
- ⊙ During delivery, collision to the air cushion shall be stringently avoided, to prevent air leakage caused by damage to the air nozzle.
- ⊙ After inflation, the air cushion isolator supporting each point shall be maintained at the same height to avoid off-centering of load. If the load supported at each point is different, air cushions of different specifications can be used.
- ⊙ When the machine position needs to be changed, the air in the cushion must be released to prevent the rubber from detaching from the body.



During use of YS-75EAC - 4000EAC, H0: 95mm, H1:85 , H2: 90-100mm.  
During use of YS-5500EAC, H0: 102mm, H1: 92, H2: 97-107mm.

