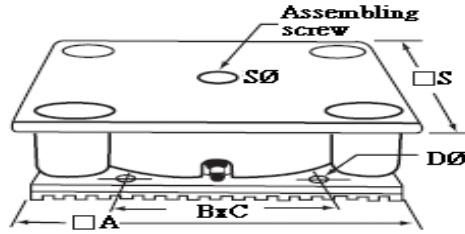




固安震®

YS-EAE TYPE AIR CUSHION ISOLATOR

Structure



Specification Table

MODEL	Load Range (kgs)	Dimension (mm)				Fixed diameter D ϕ (m/m)	Assembling screw SxL(mm)	H(m/m)	
		A	S	B	C			Before inflation	In use
YS-76EAE	15-75	130	130	118	54	8	3/8"x50	92	98-102
YS-210EAE	60-200	146	146	128	68	10	1/2"x50		
YS-410EAE	200-400	206	208	184	108	12	1/2"x50		
YS-810EAE	400-800	260	275	238	140	14	1/2"x50		
YS-1510EAE	800-1500	316	332	292	172	16	5/8"x75		
YS-2610EAE	1500-2600	386	400	362	216	16	3/4"x100		
YS-4010EAE	2600-4000	486	490	454	280	16	7/8"x100		
YS-5510EAE	4000-5500	600	600	570	350	18	1"x150		

●Air pressure range: 0.5~4kg/cm²

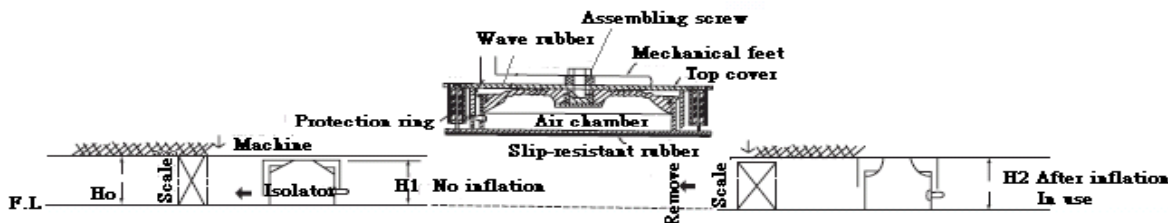
●Height range: 111mm (Max.)

Features

- High anti-vibration efficiency: The natural frequency of the air cushion isolator is particularly small (approx. 3.0~5.0HZ); thus seismic isolation is relatively high.
- No need to worry about elastic fatigue or deformation: Air is used as the medium of seismic isolation; thus the load of bearing equipment can permanently maintain ideal elasticity.
- Best muffling effect: Air is a bad conductor of sound; therefore it serves as a good medium for providing a muffling effect.
- Durability: The neoprene rubber has excellent weather resistance property and high durability.
- Easy to use with high safety: The installation is simple and the height is adjusted for convenient use. With the additional protection of external steel casing, the rubber is not affected by oil stains, foreign objects, sunlight or ozone.
- Extension of usage lifetime: This air cushion isolator has an excellent anti-vibration effect to reduce damage to the equipment, which extends the lifetime of usage.
- Patented product: This product has obtained the ROC patent Nos. 109287 and 111872, as well as the PROC patent Z96210523.6.
- Particularly long distance of decay: Since the rubber body adopts a wave design, the vibration decay is longer than that of common products.

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.
- Note the coupling conduits or piping of the machineries. There must be space for up and down movements; if necessary, the conduits must be provided with shockproof tubes.
- 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-76EAE - 5510EAE, H0:102, H1:92, H2:98 - 106mm