

PTH-G,GG

Vibration Isolating Rubber Hanger



Description

TOZEN PTH-G vibration isolating rubber hangers are designed to reduce the transmission of vibration and noise produced by suspended equipment, piping and ductwork. PTH-G hangers incorporate with a noise absorbing rubber insert with cast-in load transfer plate at the top and bottom, assembled into a steel box. Ultimate design of PTH-G hanger rubbers allows greater deflection without accelerating deterioration. PTH-G hangers are available in deflection maximum up to 6 mm with capacities from 25 Kgs to 450 Kgs. PTH-G rubber hangers may be selected where first cost must be minimized. MODEL PTH-G is recommended for the isolation of vibration produced by suspended mechanical equipment, axial and exhausts fans, ductwork, piping, etc. Double deflection model PTH-GG adds another rubber element at the top of the hanger box.

Application

TOZEN PTH-G vibration-isolating hangers are used to isolate suspended sources of audible frequency vibration, or isolation of noise in piping and ductwork systems. Model PTH-G hangers are shipped fully assembled and ready for installation in threaded rod suspended systems. Model PTH-G hangers can be provided with labor saving accessories for adaptation to wire or strap suspension systems.

Specification

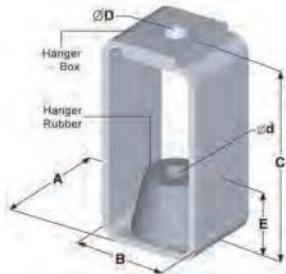
Vibration isolators for suspended equipment, piping and ductwork with maximum static deflection requirements under operation load conditions not exceeding 6 mm shall be hangers consisting of a neoprene or synthetic rubber noise absorbing insert encased in a welded steel box.

The rubber insert shall be moulded from oil resistant compounds with cast in load transfer plate at the top and bottom, shall be color-coded or otherwise identified to indicate load capacity.

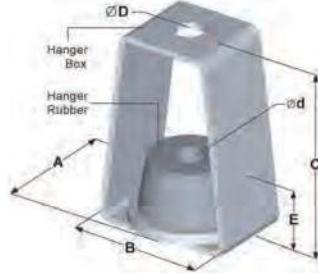
Vibration isolating rubber hanger assembly shall be Model PTH-G, as manufactured by Tozen Corporation.

Dimensions

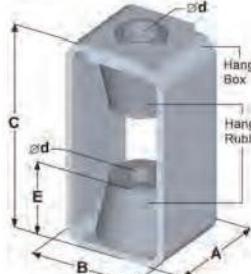
PTH-G-25, 35, 50



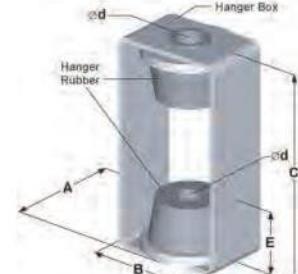
PTH-G-80, 120, 150, 200, 300, 450



PTH-GG-25, 35, 50



PTH-GG-80, 120, 150, 200, 300, 450



MODEL	DESIGN LOADING		RUBBER COLOR CODE	MAXIMUM STATIC DEFL.	DURA-METER	A	B	C		d		D	E
	(Kgs)	(Lbs)						PTH-G	PTH-GG	PTH-G	PTH-GG		
PTH-G-25	25	55	WHITE		40								
PTH-G-35	35	77	YELLOW	4	50	36	45	90	115	11	11	11	28
PTH-G-50	50	110	ORANGE		55								
PTH-G-80	80	176	PINK		40								
PTH-G-120	120	264	RED	5	50	60	75	105	140	16	16	15	37
PTH-G-150	150	330	ORANGE		55								
PTH-G-200	200	440	PINK		40								
PTH-G-300	300	660	RED	6	50	85	103	132	195	18	18	18	50
PTH-G-450	450	990	GREEN		55								

NOTE-1: Hanger elements have similar straight line deflection curve.

NOTE-2: Please refer to relevant brochure or consult factory for wire or strap suspension systems.

Note: The contents of this catalogue are subject to change without notice.

Agent : TOZEN Corporation