

Selection Guide for **NSV** Vibration Isolator

EQUIPMENT TYPE	GRADE SUPPORTED SLAB			6 METER FLOOR SPAN			9 METER FLOOR SPAN			12 METER FLOOR SPAN			15 METER FLOOR SPAN		
Category & Capacity	Base Type	Isolator Type	Deflection	Base Type	Isolator Type	Deflection	Base Type	Isolator Type	Deflection	Base Type	Isolator Type	Deflection	Base Type	Isolator Type	Deflection
Refrigeration Machines															
_ Reciprocating Chillers	A	2	6	A	5	25	A	5	50	A	5	75	A	5	75
_ Centrifugal Chillers	A	1	6	A	5	25	A	5	50	A	5	75	A	5	75
_ Open Centrifugal Chillers	C	1	6	C	5	25	C	5	50	C	5	75	C	5	75
_ Absorption Chillers	A	1	6	A	5	25	A	5	50	A	5	75	A	5	75
Air compressors															
_ Tank Mounted	A	4	25	A	4	25	A	4	50	A	4	50	A	4	50
_ Base Mounted	C	4	25	C	4	25	C	4	50	C	44	50	C	4	50
Pumps_Close coupled															
_ Up to 6 kW	B/C	2	6	C	3	20	C	3	20	C	3	20	C	3	20
_ 7.5 kW & over															
Flexible coupled															
_ Up to 30 kW	C	3	25	C	3	25	C	3	50	C	3	50	C	3	50
_ 37 to 93 kW	C	3	25	C	3	25	C	3	50	C	3	50	C	3	50
_ 110 kW & over	C	3	25	C	3	25	C	3	50	C	3	50	C	3	50
Cooling Towers															
_ Up to 300 rpm	A	1,2	6	A	5	50	A	5	75	A	5	75	A	5	75
_ 301 to 500 rpm	A	1,2	6	A	5	50	A	5	75	A	5	75	A	5	75
_ 501 rpm & over	A	1,2	6	A	5	25	A	5	50	A	5	50	A	5	75
Axial, Tubular & Fan heads															
_ Up to 550mm dia	A/B	3	6	A/B	3	25	A/B	3	25	A/C	3	25	A/C	3	50
_ .600mm wheel dia.& over															
_ Up to 300 rpm	B/C	3	50	C	3	50	C	3	50	C	3	50	C	3	50
_ 301 to 500 rpm	B/C	3	25	C	3	50	C	3	50	C	3	50	C	3	50
_ 501 rpm & over	B/C	3	25	C	3	50	C	3	50	C	3	50	C	3	50
Centrifugal Fans															
_ Up to 550mm wheel dia	A/B	2	6	A/B	4	25	A/B	4	50	A/C	4	50	A/C	4	50
_ .600mm wheel dia.& over															
Up to 37 kW															
_ Up to 300 rpm	B	4	25	B	4	50	B	4	50	B	4	50	B	4	75
_ 301 to 500 rpm	B	4	25	B	4	50	B	4	50	B	4	50	B	4	75
_ 501 rpm & over	B	4	25	B	4	50	B	4	50	B	4	50	B	4	75
45 kW & up															
_ Up to 300 rpm	B/C	4	25	C	4	50	C	4	50	C	4	50	C	4	75
_ 301 to 500 rpm	B/C	4	25	C	4	50	C	4	50	C	4	50	C	4	75
_ 501 rpm & over	B/C	4	25	C	4	50	C	4	50	C	4	50	C	4	75
Packaged Air Handling Equipments															
_ Up to 7.5 Kw	A	1,2	6	A	4	50	A	4	50	A	4	50	A	4	50
_ .11kW & over															
_ Up to 500 rpm	A	1,2	6	A	4	50	A	4	50	A	4	50	A	4	75
_ 501 rpm & over	A	1,2	6	A	4	50	A	4	50	A	4	50	A	4	75

Base Types : A = No base, isolators attached directly to equipment
 B = Structural steel rails or base
 C = Concrete inertia base

Isolater Types : 1 = Rubber pad
 2 = Rubber mount
 3 = Unhoused isolator or Hanger isolator

4 = Housed spring isolator
 5 = Restrained spring isolator