

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			25		4										
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