Open Spring Mounts

Type OSB, OS25 & OS50

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CHRISTIE & GREY

This unique range of Open Spring Mountings uses integral rubber end fixing of the springs which set them apart from all other designs which set them apart from all other designs. Loose springs and plates are now history and high frequency noise attenuation is provided regardless of whether a rubber seating pad is used or not.

The OS Mountings are widely used to isolate vibration from every conceivable type of rotating and reciprocating machine. Where control of transient motion is required Open Spring Mounting can be used in conjuction with our Viscous Dabpers Type SFD.

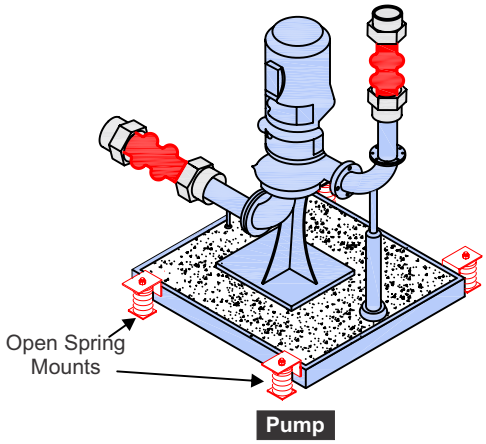
DESIGN FEATURES

- Unique expanding rubber end fixing of springs (Patent applied for) which also provides high frequency attenuation.
- Nominal 20, 25 & 50 mm deflection colour coded springs with 50% overload capacity and O/D equal to atleast 80% of the spring compressed height at rated load.
- Can be bolted to supporting structure or free standing on cross ribbed acoustic rubber pad.
- Fully height adjustable (OS25 & 50).
- Zinc plated metals.
- No snubbing gives maximum efficiency.

TYPICAL APPLICATION

- AXIAL AND CENTRIFUGAL FANS
- AIR HANDLING UNITS
- LOW LEVEL PIPEWORK
- WITH INERTIA BASES TYPE IPF FOR PUMPS, GENERATING SETS AND COMPRESSORS ETC.

TYPICAL INSTALLATION



Blower in AHU on Open Spring Units

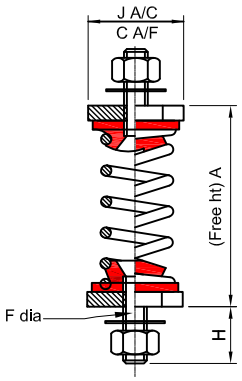
RESISTOFLEX
SINCE 1947
Vibration Shock Seismic Control

HSI 412 LOS FEB 20

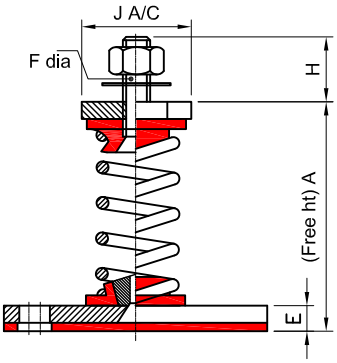
OPEN SPRING MOUNTS

OS

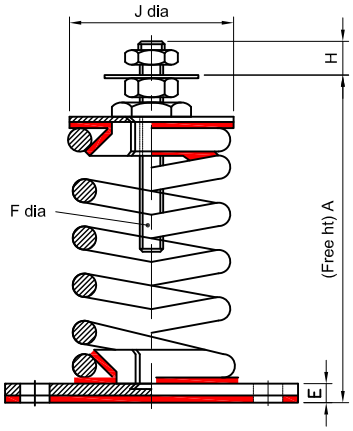
OSB20/10 - OSB15/100

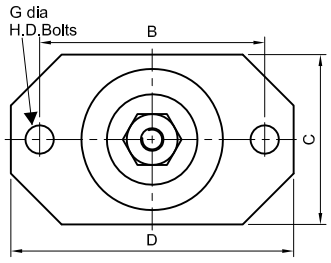


OSS20/10 - OSS15/100



OS25/30 - OS25/2300
OS50/100 - OS50/500





TECHNICAL CHARACTERISTICS

CODE	SPRING COLOUR	RATED LOAD (kgs)	DEFLECTION at Rated Load (mm) ±15%	DIMENSIONS (mm)								
				A	B	C	D	E	F	G	H	J
OSB 20/10	Purple	10	20	68	-	32	-	-	M8	-	18	37
OSB 20/15	Yellow	15	20									
OSB 20/20	Grey	20	20									
OSB 20/40	Green	40	20									
OSB 20/70	Red	70	20									
OSB 15/100	Blue	100	15									
OSS 20/10	Purple	10	20	69	57	38	76	5	M8	M6	18	37
OSS 20/15	Yellow	15	20									
OSS 20/20	Grey	20	20									
OSS 20/40	Green	40	20									
OSS 20/70	Red	70	20									
OSS 15/100	Blue	100	15									
OS 25/30	Yellow	30	25	115	85	70	110	10	M10	M8	20	57
OS 25/60	Green	60	25									
OS 25/100	Blue	100	25									
OS 25/160	White	160	25									
OS 25/230	Red	250	25									
OS 25/200	Red	200	25	152	110	90	140	8	M16	M12	27	76
OS 25/300	Purple	300	25									
OS 25/400	Grey	400	25									
OS 25/500	Orange	500	25									
OS 25/600	Brown	600	25									
OS 25/700	Orange/Black*	700	25	152	110	90	140	11	M16	M12	27	76
OS 25/800	Black	800	25									
OS 25/1000	Black/Black*	1000	25									
OS 25/1200	Black/Silver*	1200	25									
OS 25/650	Yellow	650	26	176	165	130	200	18	M20	M16	42	130
OS 25/850	Green	850	27									
OS 25/1050	Blue	1050	26									
OS 25/1250	White	1250	26									
OS 25/1300	Red	1300	27	225	210	150	250	18	M24	M16	52	150
OS 25/1600	Purple	1600	75									
OS 25/2000	Grey	2000	26									
OS 25/2300	Brown	2300	29									
OS 50/100	Yellow	100	50	180	110	90	140	11	M16	M12	24	76
OS 50/200	Green	200	50									
OS 50/300	Blue	300	50									
OS 50/400	White	400	50									
OS 50/500	Red	500	50									

* Internal nested spring

INSTALLATION NOTES

- Ribbed rubber seating pads should always be used when the mounting is seated on concrete or other rough surfaces.
- When using height adjuster at least 3 full threads should be left protruding below the upper plate.
- All connections to the mounted equipment must include flexible sections offering the maximum practical flexibility to ensure that isolation efficiency is not impaired, also to avoid possible failure of the connections.
- DO NOT use Open Spring Mountings for external applications without independent restraints.
- For further applications where control of transient motion is required, e.g. during start up and run down of large machines, additional mass and viscous dampers may be necessary.

INSTALLATION MANUAL

Refer to IM 027 for detailed Installation Instructions