POLYSPRING MOUNTING
(STATIC DEFLECTION 25 mm)

TYPE PSM

SALIENT FEATURES

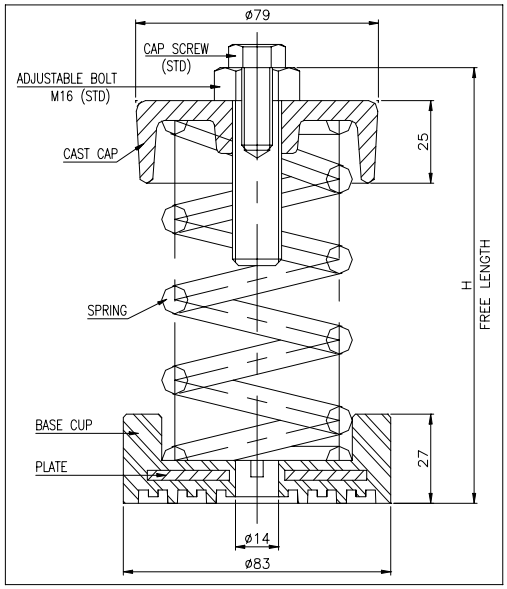
- Heavy duty stable steel spring
- Built in levelling bolt with locking capscrew, capable of compensating for full static deflection
- Separate top and bottom location cups
- Rubber isolated bolt hole in base.
- Moulded, noise absorbing rubber base cup with non skid surface
- Spring can be interchanged quickly to give wide range of load/deflection characteristics.

MOUNTING SELECTION

When selecting mountings it is recommended that the calculated mass of the equipment is increased 10-20% to avoid overloading of any mounting. Equipment using more than four mountings, endeavor to distribute them so that each mounting has equal loading. If this can't be done mounting selection must be made on the basis of matching static deflections as closely as possible.

TECHNICAL DATA

TYPE	MAX LOAD Kg	STATIC DEFL mm	SPRING CONST Kg/mm	SPRING COLOR		DIM H
				Stripe 1	Stripe 2	
PSM-89	10	40	0.25	White	-	122
PSM-90	20	38	0.53	Violet	-	122
PSM-91	35	35	1	Violet	Black	122
PSM-92	50	33	1.5	Yellow	-	122
PSM-93	100	33	3	Brown	-	122
PSM-94	150	30	5	Blue	-	122
PSM-95	200	30	6.7	Black	-	122
PSM-96	250	28	8.9	Red	-	127
PSM-97	300	28	10.7	Green	-	127
PSM-98	400	25	16	Grey	-	127
PSM-99	550	23	23.9	Orange	-	133
PSM-100	650	20	32.5	Orange	Black	133
PSM-101	775	20	38.7	Orange	-+	133
PSM-102	950	20	47.5	Orange	Black+	133



INSTALLATION

1. Remove capscrew and washer.
2. Locate mounting under hole in equipment leg or base (see Note below).
3. Replace capscrew and washer, but do not tighten.
4. Raise equipment to desired elevation and level by turning adjusting bolt anti-clockwise to raise.

Note : A. It may be necessary to lift or block up equipment to place mountings in position.
B. The equipment is supported on the head of the bolt

In most cases, it is not necessary to bolt equipment to the floor as the non-slip surface on the base cup prevents movement. If bolting is required, the lower cup must be located and fastened to the floor before equipment is placed on its mountings. Bolts must only be tightened a half turn more than hand tight.

ISO 9001
ISO 14001
OHSAS 18001
BUREAU VERITAS Certification
N 214214

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SEISMIC MOUNTING
(STATIC DEFLECTION 25 mm)

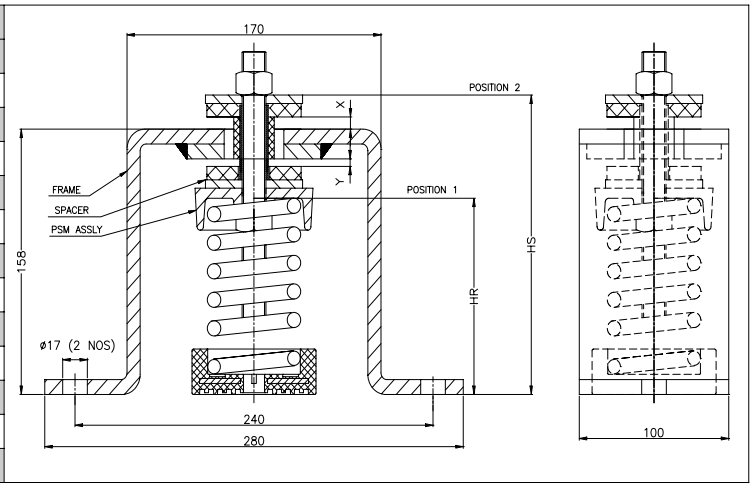
TYPE RSM

SALIENT FEATURES
- Heavy duty stable steel spring
- Acoustically isolating location cup
- Single fully adjustable central vertical restraint and levelling bolt
- Alternative equipment mounting positions
- Restraint assembly can be retrofitted
- Replaceable shock absorbing rubber snubbers
- Fully weather proof

MOUNTING SELECTION
When selecting mountings it is recommended that the calculated mass of the equipment is Increased 10-20% to avoid overloading of any mounting. Equipment using more than four mountings, endeavor to distribute them so that each mounting has equal loading. If this can't be done mounting selection must be made on the basis of matching static deflection as closely as possible.

TECHNICAL DATA

TYPE	MAX LOAD Kg	STATIC DEFL mm	SPRING DETAILS	
			COLOR	Kg/mm
RSM-89	10	40	White	0.25
RSM-90	20	38	Violet	0.53
RSM-91	35	35	Violet / Black	1
RSM-92	50	33	Yellow	1.5
RSM-93	100	33	Brown	3
RSM-94	150	30	Blue	5
RSM-95	200	30	Black	6.7
RSM-96	250	28	Red	8.9
RSM-97	300	28	Green	10.7
RSM-98	400	25	Grey	16
RSM-99	550	23	Orange	23.9
RSM-100	650	20	Orange / Black	32.5



RESTRAINT SYSTEM AND RESTRAINT CAPACITY :
Seismic mounts incorporate replaceable resilient rubber snubbers for both vertical and lateral restraint. Vertical restraints have a normal design clearance of 5 mm (Gaps X & Y) in both directions and are adjustable +/- 3 mm in conjunction with level adjustments. Lateral restraints have a fixed clearance of nominal 5 mm.

OPERATING HEIGHTS		
TYPE	HR (mm)	HS (mm)
89-97	120 +/-2	176 +/-2
98-100	125 +/-2	176 +/-2

Restraint capacity is given as a maximum static force. The following can be applied simultaneously in one lateral direction and vertically up or down. Vertical : 7.0 kN Lateral : 3.5 kN
At maximum restraint loads, the displacement from normal operating position is approximately 10 mm.

DESIGN : RSM mountings are designed with spring horizontal to vertical stiffness ratios between 0.7 and 0.9 at rated load; ratio of spring diameter to loaded height minimum 0.8; and a rated maximum static operating deflection 2/3 deflection of solid.

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