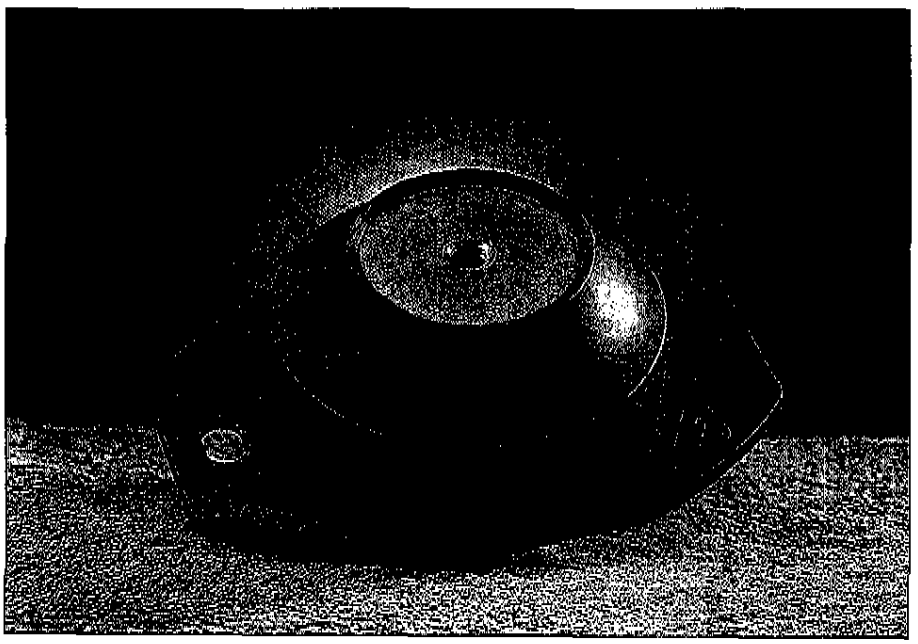
STOP-CHOC

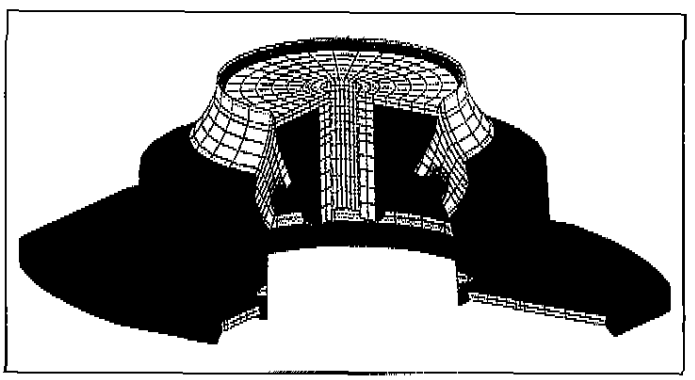
PAULSTRADYN®



Natural frequency:
- axial 7 Hz
- radial 3 to 5.5 Hz

ADVANTAGES

Better than 90% isolation at 1500 rpm (25 Hz).
Constant height over wide load range.
Stabilised characteristics during Service Life.
Simple to fit.
400 hours protection against salt spray*.



Finite element modeling

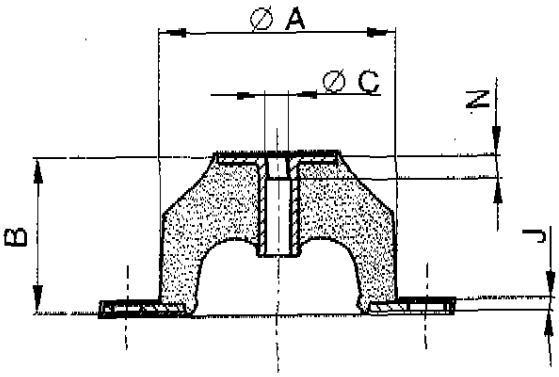
New formula SILTECH®
- Low dynamic stiffening
- Low creep

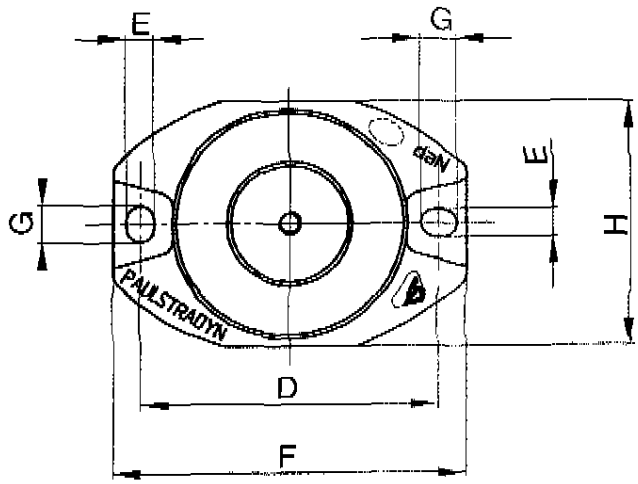
* When mounted according to the recommendations given in the catalogue

APPLICATIONS

Anti-vibration isolation for static equipment
- rotating machinery such as fans, air-conditioning, pumps, compressors, generator sets.
- pipework, ceilings, transformers, electrical enclosures.

DIMENSIONS





Designation	Ref	Nominal load NL (daN)	Dimensions (mm)									
			A	B*	C	D	E	F	G	H	J	N
Paulstradyn® 4	533701	4	40	40	M6	52	6.2	64	6.2	44	2.5	6
7	533702	7										
12	533703	12										
Paulstradyn® 20	533704	20	60	40	M6	76	6.2	90	8.2	64	2.5	6
30	533705	30										
50	533706	50										
Paulstradyn® 70	533707	70	80	40	M8	100	8.2	122	12.2	84	2.5	12
100	533708	100										
130	533709	130										
Paulstradyn® 160	533710	160	100	40	M10	124	10.2	152	16.2	104	3	10
200	533711	200										
260	533712	260										
Paulstradyn® 325	533713	325	150	40	M12	182	12.2	214	20.2	154	4.5	12
400	533714	400										
500	533715	500										
Paulstradyn® 640	533716	640	200	40	M16	240	14.2	280	24.2	204	5.5	20
820	533717	820										
1050	533718	1050										
1350	533719	1350										

*Height, unloaded 40mm, underload 32mm (see Technical Characteristics).
NL: Nominal static load with mounting under axial compression

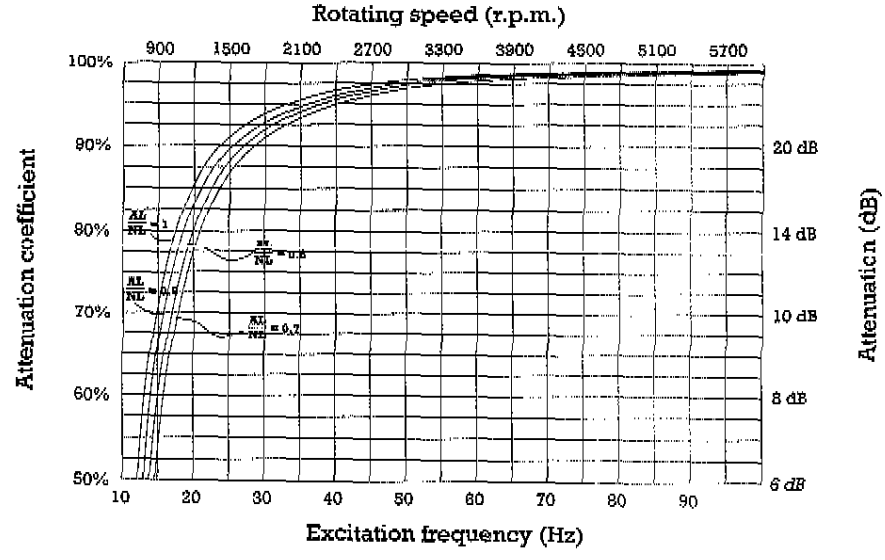
TECHNICAL CHARACTERISTICS

The vibration attenuation and height under nominal load are stabilised after one month under load at 20°C

Common characteristics

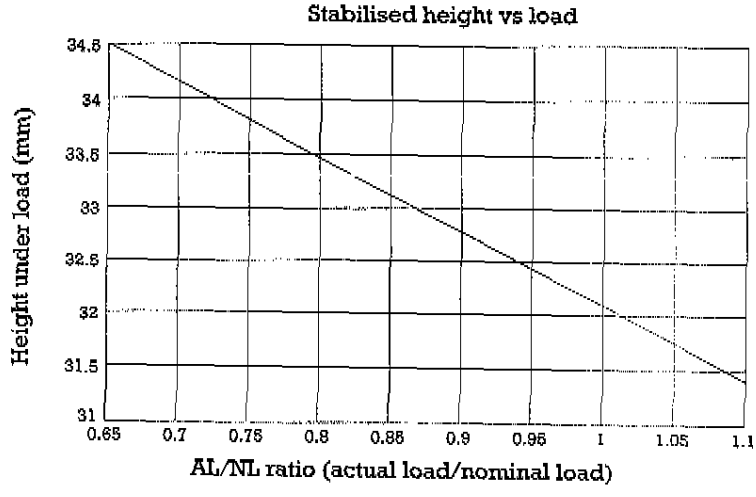
- Natural axial frequency 7 Hz with nominal load
- Natural radial frequency 3 to 5.5 Hz
- Maximum displacement
  - axial: 12mm
  - radial: ±10mm

Attenuation



$$\frac{AL}{NL} = \text{Ratio} \quad \frac{\text{Actual load}}{\text{Nominal load}}$$

Height under load



Temperature

Operating temperature: -20°C to +70°C

Other characteristic*

- *Good dynamic performance at high frequency*
- Withstands fatigue and shock
- Low creep

* For further technical information, please contact us.

MOUNTING

Standard mounting

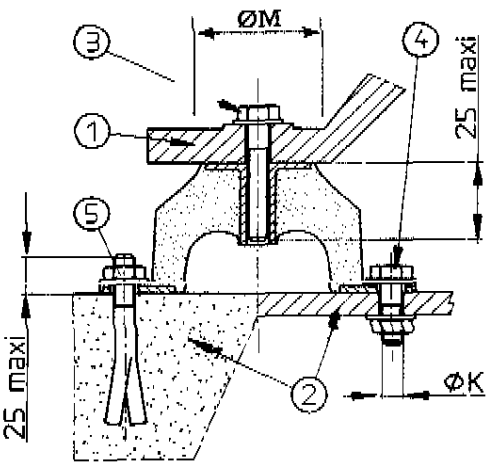
① machine base or foot
dimensions > ø M*

② supporting structure (floor)
dimensions > base of mounting F x H*

③ screw ø C**

④ Screw ø K a washer is required between the screw head and the Paulstradyn®

⑤ Screw ø K a washer is required between the nut and the Paulstradyn®



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Note: *to distribute the load and resist corrosion

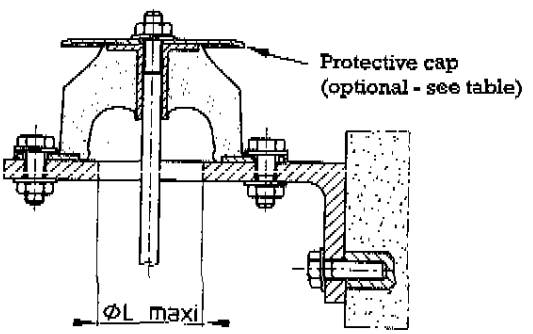
**nuts and screws grade 4.6 minimum

Recommended torque

Diameter K (mm)	M6	M8	M10	M12
torque N.m	2	5	12	20

Note: Do not paint the mountings after fitting

Alternative mounting



Diameter A	Dimensions (mm)			Cap reference (optional)
	ø K	ø L max	ø M max	
40	M5	27	14	342919
60	M5	40	34	342358
80	M6	46	50	342733
100	M8	47	70	342734
150	M10	99	118	342353
200	M12	127	162	342354

Stop-choc Ltd
Banbury Avenue, Slough, Berkshire, SL1 4LR – Tel: 01753 533223
Facsimile: 01753 693724 e.mail: sales@stop-choc.co.uk