



Flexible Mounts

WELCOME
to the Shock & Vibration Isolation section
of the SFC Product Catalogue



Our manufacturers have recently undergone a rationalisation programme resulting in the merging of several product brands under the heading of Flexible Mounts, which include:

BARRY CONTROLS, PAULSTRA & STOP-CHOC.






Additionally, due to the complexity of the individual datasheets the resultant product data has been incorporated directly into the SFC Product eCatalogue CD located on the inside cover of this catalogue.

Please note that the datasheets for all the sections have been created in a PDF format for ease of use with Adobe Acrobat Reader which is readily available as a free download via the internet.



Flexible Mounts

Product Guide

| SELECTION/ APPLICATIONS | HIGH RADIAL FLEXIBILITY | LOW FREQUENCY | HIGH AXIAL FLEXIBILITY | | |
|--------------------------------------|---|---|--|---|---|
| | RADIAFLEX | PAULSTRADYN | STABIFLEX | S.C. | S.T.C. |
| |  |  |  |  |  |
| Nominal Static Load (daN) | 3 - 1110 | 4 - 1350 | 10 - 2000 | 1 - 2600 | 8 - 1000 |
| Deflection (mm) | 0.6 - 23.0 | * | 3.0 - 8.0 | 0.5 - 11.0 | 0.7 - 3.0 |
| FANS & AIR CONDITIONING | | | | | |
| PUMPS | | | | | |
| COMPRESSORS | | | | | |
| GEARBOXES | | | | | |
| GENERATING SETS | | | | | |
| IC ENGINES & PLANT CABS | | | | | |
| VIBRATING TABLES, SCREENS & HOPPERS | | | | | |
| MACHINE TOOLS, PRESSES & GUILLOTINES | | | | | |
| LABORATORY EQUIPMENT | | | | | |
| ELECTRONIC EQUIPMENT | | | | | |
| ELECTRICAL ENCLOSURE | | | | | |
| TRANSFORMERS | | | | | |
| FRAGMENTERS | | | | | |
| NAVAL EQUIPMENT | | | | | |

* Range of parts using the same deflection (+/-6.5mm) to provide a natural frequency @ 7Hz

In general:

For fixed installations: RADIAFLEX, PAULSTRADYN

For mobile installations: STABIFLEX, S.C., S.T.C.

Avoid using the mount with the rubber to metal bond area in tension - these mounts should only be used in compression or shear.






Recommended application

Admissible application



Flexible Mounts

Product Guide cont'd

| | LOW FREQUENCY | HIGH AXIAL FLEXIBILITY | LOW FREQUENCY | LOW FREQUENCY | ACOUSTIC ISOLATION |
|--------------------------------------|---|---|--|---|---|
| SELECTION/ APPLICATIONS | EVIDGOM | NIVOFIX | BECA | SLF | STRASONIC |
| |  |  |  |  |  |
| Nominal Static Load (daN) | 5 - 14000 | 100 - 12000 | 1 - 1250 | 0.1 - 3 | n/a |
| Deflection (mm) | 5.0 - 60.0 | 1.0 - 4.0 | 2.0 - 7.0 | 1.0 - 7.0 | n/a |
| FANS & AIR CONDITIONING | | | | | |
| PUMPS | | | | | |
| COMPRESSORS | | | | | |
| GEARBOXES | | | | | |
| GENERATING SETS | | | | | |
| IC ENGINES & PLANT CABS | | | | | |
| VIBRATING TABLES, SCREENS & HOPPERS | | | | | |
| MACHINE TOOLS, PRESSES & GUILLOTINES | | | | | |
| LABORATORY EQUIPMENT | | | | | |
| ELECTRONIC EQUIPMENT | | | | | |
| ELECTRICAL ENCLOSURE | | | | | |
| TRANSFORMERS | | | | | |
| FRAGMENTERS | | | | | |
| NAVAL EQUIPMENT | | | | | |

* designed for high deflection






Recommended application


Admissible application



Flexible Mounts

Product Guide cont'd

| SELECTION/ APPLICATIONS | LOW FREQUENCY | HIGH AXIAL FLEXIBILITY | LIGHTWEIGHT | | HIGH AXIAL FLEXIBILITY |
|--------------------------------------|---|---|--|---|---|
| | PNEUMATIC MOUNTS SLM | 22000 MOUNT | RINGS AND BUSHINGS | FLEX-LOC | 500 SERIES |
| |  |  |  |  |  |
| Nominal Static Load (daN) | 11 - 8720 | 18 - 2072 | 0.4 - 159 | 1 - 5 | 6 - 650 |
| Deflection (mm) | 30 - 38 | 0 - 7 | | | 0.5 - 5.0 |
| FANS & AIR CONDITIONING | | | | | |
| PUMPS | | | | | |
| COMPRESSORS | | | | | |
| GEARBOXES | | | | | |
| GENERATING SETS | | | | | |
| IC ENGINES & PLANT CABS | | | | | |
| VIBRATING TABLES, SCREENS & HOPPERS | | | | | |
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| ELECTRICAL ENCLOSURE | | | | | |
| TRANSFORMERS | | | | | |
| FRAGMENTERS | | | | | |
| NAVAL EQUIPMENT | | | | | |

Recommended application 
 Admissible application 