Professionally approved products.

Product Datasheet

RS Anti-Vibration Mounts - DSD

E



RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.

RS Anti-Vibration Mounts - DSD

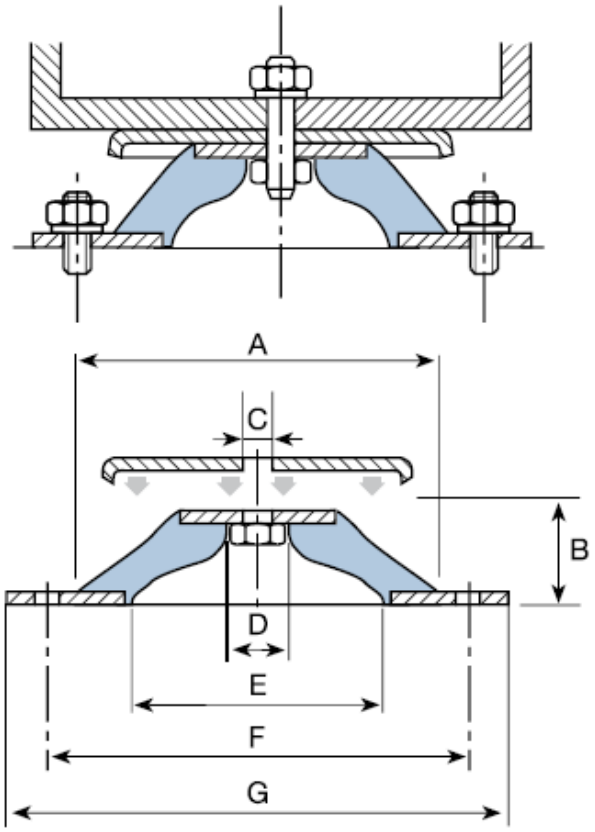
AMC DSD Mounts design provides excellent radial and axial flexibility making them most suitable for the suspension of machines where isolation of both vertical and horizontal vibration components occur . DSD mounts comprise of two flat metal parts. Top metal part is circular with either a tapped central hole or interior welded nut for attachment to the machine frames. Lower metal part has an oval contour with two machined holes, one at each end, to securely attach the mountings to the support structure for the machine.

Both metal parts are fully bonded to the dome shaped circular rubber section during moulding.
The rubber section works in compression when loaded. In the event of shock inputs or accidental overloads the mountings will deflect vertically and horizontally, absorbing the energy. It is highly recommended that the metal Cups shown below are used on assembly to produce the progressive stiffening under dynamic load inputs. Attachment of the mounts to the support structure can either be by the use of Set Screws, Bolts or by adapting the support structure to have threaded pins bonded / welded or previously grouted to the floor as in the case of concrete slabs. For applications where high vibration isolation is needed, the DRD mounts should be referred to.

TECHNICAL CHARACTERISTICS
DSD mountings comparable stiffness vertically and horizontall making them very effective against random vibrations in either plane.

APPLICATIONS
DSD mountings are particularly suitable for applications with low to medium dynamic amplitudes which enables the mountings stiffness rates to provide effective isolation . Suitable for HVAC, Ventilators, rotating pumps, torque or frequency converters, electrical engines, etc.

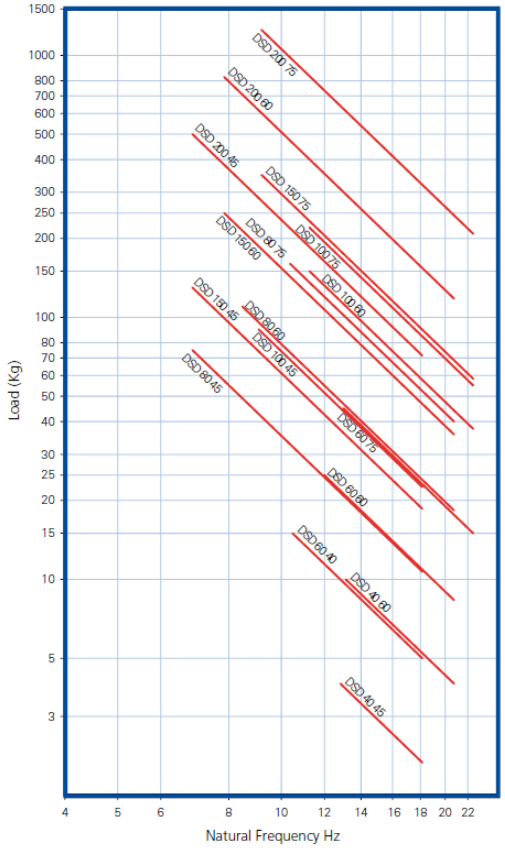
Technical data



RS Ref:	AMC Ref:	TYPE	A	B	C	D	E	F	G	H	HARDNESS	WEIGHT (gr)
8112536	134001	DSD 40	40	20	M-6	19	29	54	64	6,25	45 Sh	27
8112530	134002	DSD 40	40	20	M-6	19	29	54	64	6,25	60 Sh	27
8112561	134004	DSD 60	60	24	M-6	14	34	76	95	6,5	45 Sh	78
8112564	134005	DSD 60	60	24	M-6	14	34	76	95	6,5	60 Sh	78
8112568	134006	DSD 60	60	24	M-6	14	34	76	95	6,5	75 Sh	78
8112577	134007	DSD 80	80	27	M-8	25	65	100	120	8,2	45 Sh	146
8112570	134008	DSD 80	80	27	M-8	25	65	100	120	8,2	60 Sh	146
8112574	134011	DSD 100	100	28	M-10	22	70	124	148	10	60 Sh	274
8112583	134012	DSD 100	100	28	M-10	22	70	124	148	10	75Sh	274

DYNAMIC DSD

AMC NATURAL FREQUENCIES
MECANOCAUCHO® DSD TYPE



DEFLECTION DSD

AMC LOAD DEFLECTION GRAPHS
MECANOCAUCHO® DSD TYPE

