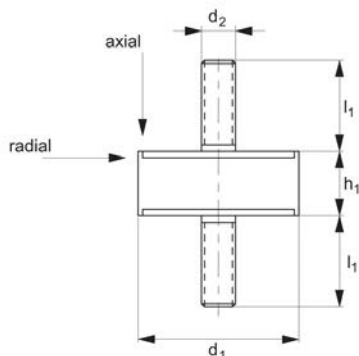




Anti-vibration Cylinders

male: male

Anti-Vibration Components



P2004

ANTI-VIBRATION COMPONENTS

Material

Rubber on silver zinc plated steel (rubber hardness - 55 Shore A).

Different thread sizes on request.

For rubber mounted on stainless steel - see part no. P2005.

and radial as shown).

Typically used in machinery, compressors, air conditioning units, light engineering equipment etc.

Technical Notes

Parts with small diameters (d_1) and relatively long length (h) cannot accept radial loads (as shown in table).

Tips

These cylinders are used to reduce vibration by allowing some movement (in axial

Order No.	d_1	h_1	d_2	l_1	Axial load kgf max.	Radial load kgf max.
P2004.006-007-03	6	7	M 3	10	3	-
P2004.008-008-03	8	8	M 3	10	3	-
P2004.009-012-04	9	12	M 4	10	6	1.5
P2004.010-008-04	10	8	M 4	10	8	1.5
P2004.010-010-04	10	10	M 4	10	10	1.5
P2004.015-008-04	15	8	M 4	10-14	15	2.4
P2004.015-010-04	15	10	M 4	10-14	13	2.4
P2004.015-010-05	15	10	M 5	10-14	13	2.4
P2004.015-015-04	15	15	M 4	10-14	13	3.0
P2004.015-015-05	15	15	M 5	10-14	13	3.0
P2004.015-020-04	15	20	M 4	10-14	10	-
P2004.015-020-05	15	20	M 5	10-14	10	-
P2004.015-022-04	15	22	M 4	10-14	10	-
P2004.015-025-04	15	25	M 4	10-14	9	-
P2004.015-028-04	15	28	M 4	10-14	9	-
P2004.016-008-04	16	8	M 4	10	-	-
P2004.016-008-05	16	8	M 5	12	-	-
P2004.016-010-04	16	10	M 4	10	-	-
P2004.016-010-05	16	10	M 5	12	-	-
P2004.016-015-04	16	15	M 4	14	13	2.4
P2004.016-015-05	16	15	M 5	14	13	2.4
P2004.016-020-04	16	20	M 4	10	-	-
P2004.016-020-05	16	20	M 5	12	-	-
P2004.016-025-04	16	25	M 4	10	-	-
P2004.016-025-05	16	25	M 5	12	-	-
P2004.018-007-06	18	7.5	M 6	16	20	3.0
P2004.018-008-06	18	8.5	M 6	16	20	3.0
P2004.018-012-06	18	12	M 6	16	18	3.0
P2004.020-009-06	20	9	M 6	13-16	27	5.0



Order No.	d ₁	h ₁	d ₂	l ₁	Axial load kgf max.	Radial load kgf max.
P2004.020-010-06	20	10	M 6	16	30	5.0
P2004.020-015-06	20	15	M 6	16	25	5.0
P2004.020-020-06	20	20	M 6	18	21	4.5
P2004.020-025-06	20	25	M 6	16	20	4.0
P2004.020-030-06	20	30	M 6	16	18	3.5
P2004.020-035-06	20	35	M 6	13-16	18	3.5
P2004.025-010-06A	25	10	M 6	16	46	9.0
P2004.025-010-06	25	10	M 6	10-18	46	9.0
P2004.025-010-08	25	10	M 8	18	46	9.0
P2004.025-015-06	25	15	M 6	18	44	8.5
P2004.025-015-08	25	15	M 8	18	44	8.5
P2004.025-020-06	25	20	M 6	18	41	8.0
P2004.025-020-08	25	20	M 8	18	41	8.0
P2004.025-022-06	25	22	M 6	16	-	-
P2004.025-022-08	25	22	M 8	20	-	-
P2004.025-025-06	25	25	M 6	18	40	7.5
P2004.025-025-08	25	25	M 8	18	40	7.5
P2004.025-030-06	25	30	M 6	18	40	7.0
P2004.025-030-08	25	30	M 8	18	40	7.0
P2004.025-040-06	25	40	M 6	18	36	4.0
P2004.025-040-08	25	40	M 8	18	36	4.0
P2004.030-010-08	30	10	M 8	20	-	-
P2004.030-015-08	30	15	M 8	20	90	12.0
P2004.030-020-08	30	20	M 8	20	90	10.5
P2004.030-025-08	30	25	M 8	20	85	10.5
P2004.030-030-08	30	30	M 8	20	80	10.5
P2004.030-040-08	30	40	M 8	20	-	-
P2004.035-035-08	35	35	M 8	20	-	-
P2004.035-040-08	35	40	M 8	23	54	13.0
P2004.040-012-08	40	12	M 8	23	120	20.0
P2004.040-020-08	40	20	M 8	20	160	20.0
P2004.040-020-10	40	20	M10	20	160	20.0
P2004.040-025-08	40	25	M 8	20	155	18.0
P2004.040-025-10	40	25	M10	20	155	18.0
P2004.040-028-08	40	28	M 8	20	155	16.0
P2004.040-028-10	40	28	M10	20	155	16.0
P2004.040-030-08	40	30	M 8	23	150	21.0
P2004.040-030-10	40	30	M10	23	150	21.0
P2004.040-035-08	40	35	M 8	20	-	-
P2004.040-035-10	40	35	M10	25	-	-
P2004.040-040-08	40	40	M 8	23	120	22.0
P2004.040-040-10	40	40	M10	23	120	22.0
P2004.040-045-08	40	45	M 8	20	-	-
P2004.040-045-10	40	45	M10	25	-	-
P2004.040-050-08	40	50	M 8	23	80	19.0
P2004.040-050-10	40	50	M10	23	80	19.0
P2004.045-030-08	45	30	M 8	23	112	24.0
P2004.050-020-10	50	20	M10	25	250	30.0
P2004.050-025-10	50	25	M10	25	-	-
P2004.050-030-10	50	30	M10	25	250	29.0
P2004.050-035-10	50	35	M10	25	-	-
P2004.050-040-10	50	40	M10	25	220	29.0
P2004.050-045-10	50	45	M10	25	-	-
P2004.050-050-10	50	50	M10	25	200	29.0
P2004.050-055-10	50	55	M10	25	-	-
P2004.060-020-10	60	20	M10	28	285	35.0
P2004.060-025-10	60	25	M10	30	285	35.0
P2004.060-030-10	60	30	M10	28	200	37.0
P2004.060-035-10	60	35	M10	30	350	39.0
P2004.060-045-10	60	45	M10	30	300	42.0
P2004.060-050-10	60	50	M10	37	185	42.0
P2004.060-050-12	60	50	M12	37	185	42.0
P2004.060-060-10	60	60	M10	30	-	-
P2004.070-035-10	70	35	M10	30	-	-
P2004.070-045-10	70	45	M10	35	270	55.0
P2004.070-050-10	70	50	M10	30	350	52.0
P2004.070-070-10	70	70	M10	30	-	-



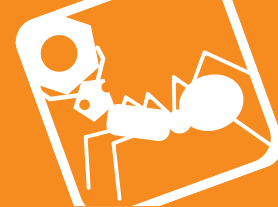
Anti-vibration Cylinders

male:female

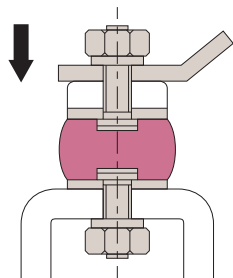
Anti-Vibration Components

Order No.	d ₁	h ₁	d ₂	l ₁	Axial load kgf max.	Radial load kgf max.
P2004.075-025-12	75	25	M12	35	650	75.0
P2004.075-030-12	75	30	M12	37	350	75.0
P2004.075-040-12	75	40	M12	35	500	75.0
P2004.075-045-12	75	45	M12	35	-	-
P2004.075-050-12	75	50	M12	37	330	65.0
P2004.075-055-12	75	55	M12	35	450	60.0
P2004.080-030-14	80	30	M14	35	900	75.0
P2004.080-040-14	80	40	M14	35	600	50.0
P2004.080-050-14	80	50	M14	35	750	65.0
P2004.080-070-14	80	70	M14	35	-	-
P2004.080-080-14	80	80	M14	51	280	60.0
P2004.095-040-16	95	40	M16	45	1200	70
P2004.095-055-16	95	55	M16	45	1000	70
P2004.095-060-16	95	60	M16	45	800	70
P2004.095-075-16	95	75	M16	45	800	70
P2004.100-040-16	100	40	M16	45	1200	95
P2004.100-060-16	100	60	M16	45	1100	90
P2004.100-075-16	100	75	M16	45	1000	90
P2004.120-050-16	120	50	M16	45	1500	100
P2004.120-075-16	120	75	M16	45	1200	100
P2004.120-100-16	120	100	M16	45	1000	100
P2004.130-040-16	130	40	M16	45	1900	110
P2004.130-050-16	130	50	M16	45	1600	110
P2004.130-075-16	130	75	M16	45	1450	100
P2004.130-100-16	130	100	M16	45	1200	120
P2004.150-050-16	150	50	M16	50	1800	150
P2004.150-050-20	150	50	M20	50	1800	150
P2004.150-060-16	150	60	M16	50	2200	150
P2004.150-060-20	150	60	M20	50	2200	150
P2004.150-075-16	150	75	M16	50	2000	150
P2004.150-075-20	150	75	M20	50	2000	150
P2004.150-100-16	150	100	M16	50	1400	150
P2004.150-100-20	150	100	M20	50	1400	150
P2004.150-120-16	150	120	M16	50	1300	150
P2004.150-120-20	150	120	M20	50	1300	150
P2004.150-140-16	150	140	M16	50	1200	150
P2004.150-140-20	150	140	M20	50	1200	150

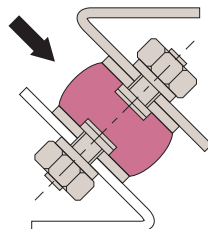
ANTI-VIBRATION COMPONENTS



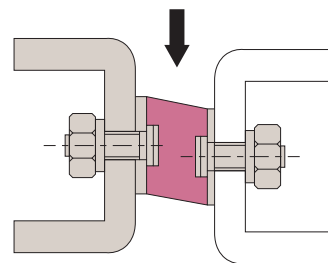
The cylindrical mounts are never to be used in tension. They should only be used in axial or radial. However, radial loads are also considerably a lot less than axial loads. Parts with small diameters (d_1) and relatively long lengths (h) cannot accept radial loads.



Axial

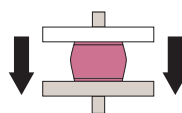


Radial - Axial



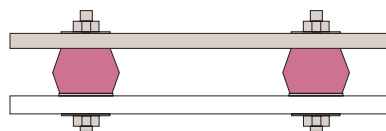
Radial

Incorrect Installation

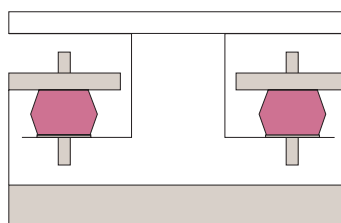


Tensile direction

Correct Installation



Even load



Hang in axial direction

Fixed surface

Application

* The height of the insulator may vary as the GEL is compressed under load.

* Do not remove the GEL burr around the edge of the metal, this could cause detachment of GEL from the metal studs.