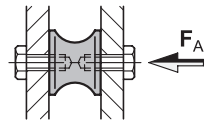
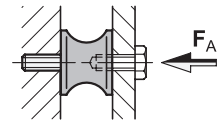
GN 356 / GN 456

Resilient characteristics for 40 Shore under axial and static load

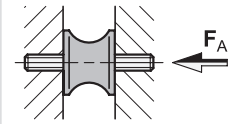
Type **EE**



Type **ES**



Type **SS**

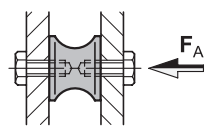


d_1	h	d_2	Spring rate ≈ in N/mm	Max. load F_A in N	Max. travel in mm	Spring rate ≈ in N/mm	Max. load F_A in N	Max. travel in mm	Spring rate ≈ in N/mm	Max. load F_A in N	Max. travel in mm
10	10	8	-	-	-	19	47	2,5	15	37	2,5
15	15	12	41	155	3,75	35	132	3,75	32	121	3,75
20	15	14	70	263	3,75	74	278	3,75	56	211	3,75
20	20	16	50	248	5	50	252	5	38	191	5
20	30	14	23	170	7,5	31	230	7,5	40	301	7,5
25	20	20	141	705	5	139	695	5	112	560	5
30	20	22	153	767	5	131	655	5	148	738	5
30	25	18	824	5150	6,25	90	560	6,25	82	510	6,25
35	34	25	102	870	8,5	84	710	8,5	82	700	8,5
40	25	30	403	2520	6,25	383	2392	6,25	292	1823	6,25
40	30	33	180	1350	7,5	115	861	7,5	134	1007	7,5
40	50	32	80	1000	12,5	70	880	12,5	72	900	12,5
50	30	42	443	3326	7,5	189	1420	7,5	146	1095	7,5
60	60	49	134	2010	15	143	2152	15	244	3660	15
75	40	60	261	2611	10	261	2605	10	241	2409	10

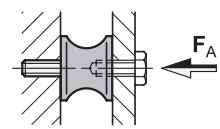
GN 356 / GN 456

Resilient characteristics for 55 Shore under axial and static load

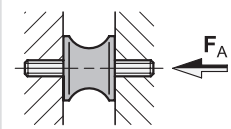
Type **EE**



Type **ES**



Type **SS**

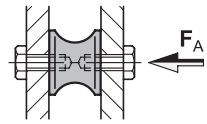


d_1	h	d_2	Spring rate ≈ in N/mm	Max. load F_A in N	Max. travel in mm	Spring rate ≈ in N/mm	Max. load F_A in N	Max. travel in mm	Spring rate ≈ in N/mm	Max. load F_A in N	Max. travel in mm
10	10	8	-	-	-	35	88	2,5	28	69	2,5
15	15	12	44	166	3,75	38	142	3,75	43	163	3,75
20	15	14	77	289	3,75	96	360	3,75	73	273	3,75
20	20	16	52	261	5	61	305	5	46	231	5
20	30	14	32	240	7,5	40	300	7,5	35	260	7,5
25	20	20	153	767	5	224	1119	5	180	902	5
30	20	22	202	1010	5	173	863	5	217	1087	5
30	25	18	821	5130	6,25	144	900	6,25	125	782	6,25
35	34	25	83	703	8,5	140	1190	8,5	133	1330	8,5
40	25	30	462	2890	6,25	510	3188	6,25	389	2430	6,25
40	30	33	236	1768	7,5	157	1178	7,5	250	1873	7,5
40	50	32	118	1470	12,5	116	1450	12,5	118	1470	12,5
50	30	42	200	1499	7,5	263	1975	7,5	203	1523	7,5
60	60	49	217	3250	15	253	3790	15	267	4000	15
75	40	60	330	3298	10	392	3922	10	361	3610	10

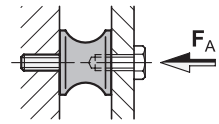
GN 356 / GN 456

Resilient characteristics for 70 Shore under axial and static load

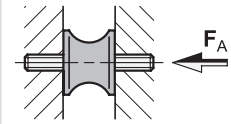
Type **EE**



Type **ES**



Type **SS**



d_1	h	d_2	Spring rate ≈ in N/mm	Max. load F_A in N	Max. travel in mm	Spring rate ≈ in N/mm	Max. load F_A in N	Max. travel in mm	Spring rate ≈ in N/mm	Max. load F_A in N	Max. travel in mm
10	10	8	-	-	-	50	124	2,5	39	98	2,5
15	15	12	59	223	3,75	51	191	3,75	59	221	3,75
20	15	14	100	374	3,75	114	429	3,75	87	325	3,75
20	20	16	63	316	5	79	396	5	60	300	5
20	30	14	64	480	7,5	61	460	7,5	67	500	7,5
25	20	20	247	1235	5	343	1713	5	276	1380	5
30	20	22	298	1488	5	254	1272	5	401	2005	5
30	25	18	1261	7880	6,25	259	1620	6,25	314	1960	6,25
35	34	25	252	2141	8,5	295	2510	8,5	242	2060	8,5
40	25	30	532	3326	6,25	709	4432	6,25	540	3378	6,25
40	30	33	342	2564	7,5	292	2191	7,5	323	2423	7,5
40	50	32	208	2660	12,5	280	3500	12,5	106	1321	12,5
50	30	42	278	2085	7,5	393	2945	7,5	303	2271	7,5
60	60	49	400	6000	15	416	6240	15	288	4325	15
75	40	60	494	4942	10	701	7005	10	699	6988	10