P+S Polyurethan-Elastomere

DEFORMATION

POWERFUL

VERSATILE

DYNAMIC

MAINTENANCE-FREE

Elastomeric springs compact

RESISTANT

RELIABLE

ESTABLISHED

CONVINCING

SHOCK-ELASTIC

DEFLECTION

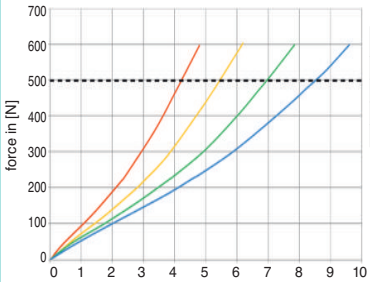
TAILOR-MADE

Elastomeric springs made of Diepothan®

Elastomeric springs are characterized by good mechanical strength and high impact resilience even in hard settings. Within the production process of elastomeric springs, our company uses the valued material benefits of Diepothan® consistently and in an application-specific manner.

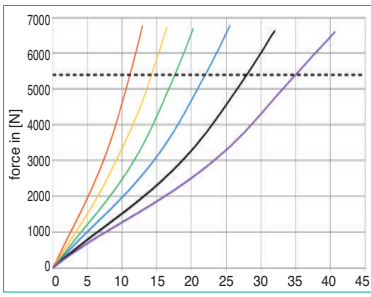
Maintenance-free P+S elastomeric springs are used around the globe for effective cushioning of moving masses. Furthermore, they serve a reliable and effective isolation of vibration exciters.

Load capacity PUR-springs acc. to DIN ISO 10069-1 Diepothan® black 70° Shore A



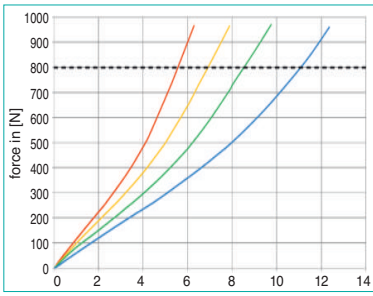
Dim.: ∅ 16 x ∅ 6,5 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
16x6,5x12,5	500	4,38	730161970
x16	500	5,50	730162970
x20	500	7,00	730163970
x25	500	8,50	730164970



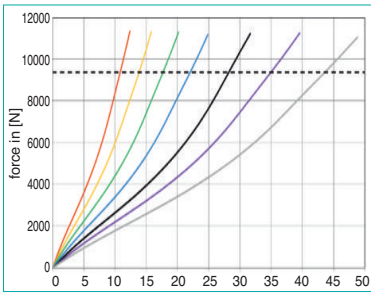
Dim.: ∅ 50 x ∅ 17 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
50x17x32	5400	11,00	730501970
x40	5400	14,00	730502970
x50	5400	17,50	730503970
x63	5400	22,00	730504970
x80	5400	28,00	730505970
x100	5400	35,00	730506970



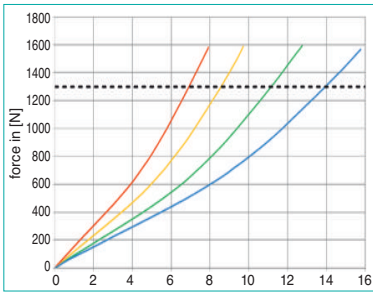
Dim.: ∅ 20 x ∅ 8,5 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
20x8,5x16	800	5,50	730201970
x20	800	7,00	730202970
x25	800	8,50	730203970
x32	800	11,00	730205970



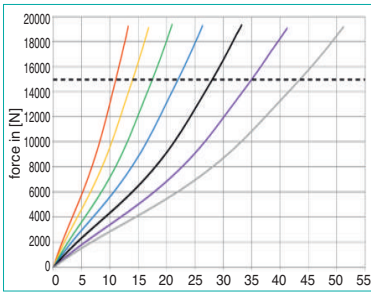
Dim.: ∅ 63 x ∅ 17 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
63x17x32	9400	11,00	730631970
x40	9400	14,00	730632970
x50	9400	17,50	730633970
x63	9400	22,00	730634970
x80	9400	28,00	730635970
x100	9400	35,00	730636970
x125	9400	43,50	730637970



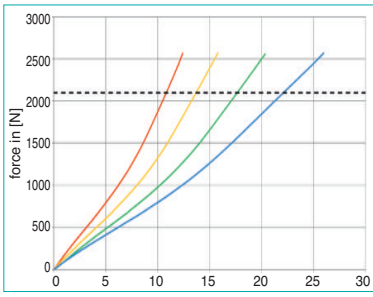
Dim.: ∅ 25 x ∅ 10,5 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
25x10,5x20	1300	7,00	730251970
x25	1300	8,50	730252970
x32	1300	11,00	730253970
x40	1300	14,00	730254970



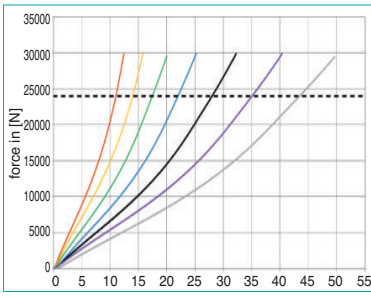
Dim.: ∅ 80 x ∅ 21 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
80x21x32	15000	11,00	730801970
x40	15000	14,00	730802970
x50	15000	17,50	730803970
x63	15000	22,00	730804970
x80	15000	28,00	730805970
x100	15000	35,00	730806970
x125	15000	43,50	730807970



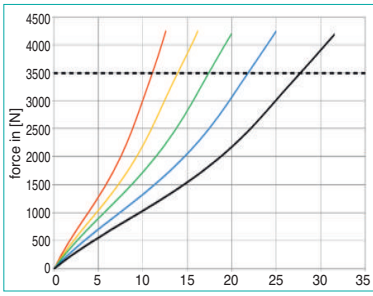
Dim.: ∅ 32 x ∅ 13,5 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
32x13,5x32	2100	11,00	730321970
x40	2100	14,00	730322970
x50	2100	17,50	730323970
x63	2100	22,00	730327970



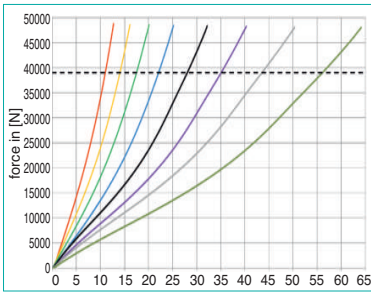
Dim.: ∅ 100 x ∅ 21 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
100x21x32	24000	11,00	731001970
x40	24000	14,00	731002970
x50	24000	17,50	731003970
x63	24000	22,00	731004970
x80	24000	28,00	731005970
x100	24000	35,00	731006970
x125	24000	43,50	731007970



Dim.: ∅ 40 x ∅ 13,5 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
40x13,5x32	3500	11,00	730401970
x40	3500	14,00	730402970
x50	3500	17,50	730403970
x63	3500	22,00	730404970
x80	3500	28,00	730405970



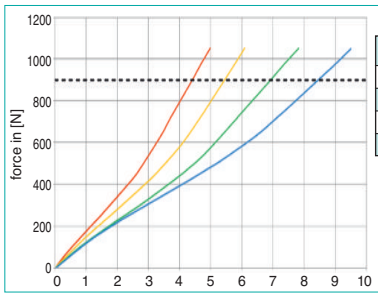
Dim.: ∅ 125 x ∅ 27 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
125x27x32	39000	11,00	731251970
x40	39000	14,00	731252970
x50	39000	17,50	731253970
x63	39000	22,00	731254970
x80	39000	28,00	731255970
x100	39000	35,00	731256970
x125	39000	43,50	731257970
x160	39000	56,00	731258970

Deflection – 35% of the original height **Force at 35% deflection** **Steady dynamic load up to max. 35% deflection**

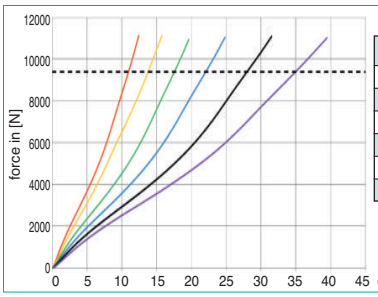
P+S Polyurethan-Elastomere

Load capacity PUR-springs acc. to DIN ISO 10069-1 Diepothan® yellow 80° Shore A



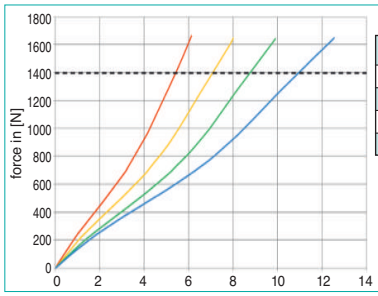
Dim.: ∅ 16 x ∅ 6,5 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
16x6,5x12,5	900	4,38	730161980
x16	900	5,50	730162980
x20	900	7,00	730163980
x25	900	8,50	730164980



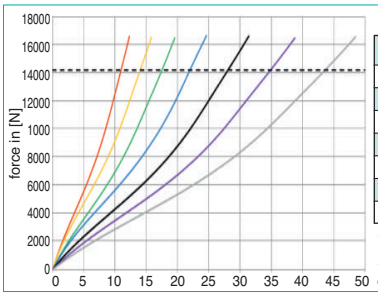
Dim.: ∅ 50 x ∅ 17 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
50x17x32	9400	11,00	730501980
x40	9400	14,00	730502980
x50	9400	17,50	730503980
x63	9400	22,00	730504980
x80	9400	28,00	730505980
x100	9400	35,00	730506980



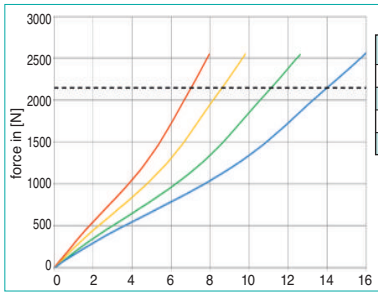
Dim.: ∅ 20 x ∅ 8,5 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
20x8,5x16	1400	5,50	730201980
x20	1400	7,00	730202980
x25	1400	8,50	730203980
x32	1400	11,00	730204980



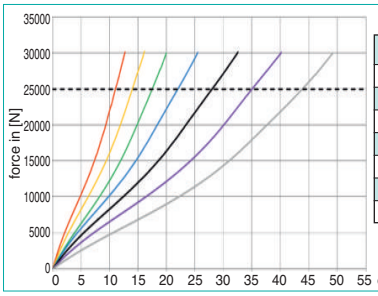
Dim.: ∅ 63 x ∅ 17 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
63x17x32	14200	11,00	730631980
x40	14200	14,00	730632980
x50	14200	17,50	730633980
x63	14200	22,00	730634980
x80	14200	28,00	730635980
x100	14200	35,00	730636980
x125	14200	43,50	730637980



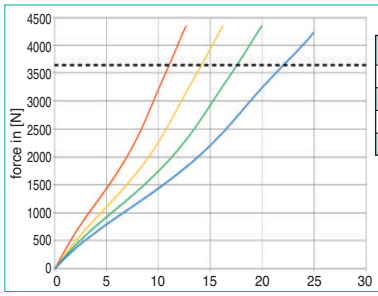
Dim.: ∅ 25 x ∅ 10,5 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
25x10,5x20	2150	7,00	730251980
x25	2150	8,50	730252980
x32	2150	11,00	730253980
x40	2150	14,00	730255980



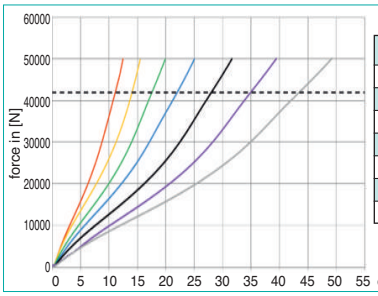
Dim.: ∅ 80 x ∅ 21 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
80x21x32	25000	11,00	730801980
x40	25000	14,00	730802980
x50	25000	17,50	730803980
x63	25000	22,00	730804980
x80	25000	28,00	730805980
x100	25000	35,00	730806980
x125	25000	43,50	730807980



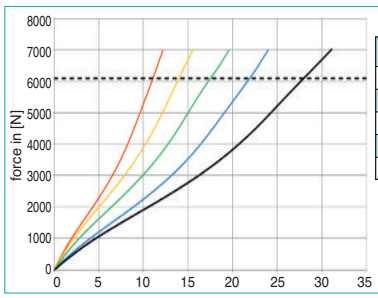
Dim.: ∅ 32 x ∅ 13,5 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
32x13,5x32	3650	11,00	730321980
x40	3650	14,00	730322980
x50	3650	17,50	730323980
x63	3650	22,00	730327980



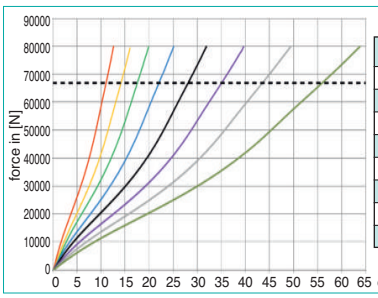
Dim.: ∅ 100 x ∅ 21 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
100x21x32	42000	11,00	731001980
x40	42000	14,00	731002980
x50	42000	17,50	731003980
x63	42000	22,00	731004980
x80	42000	28,00	731005980
x100	42000	35,00	731006980
x125	42000	43,50	731007980



Dim.: ∅ 40 x ∅ 13,5 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
40x13,5x32	6100	11,00	730401980
x40	6100	14,00	730402980
x50	6100	17,50	730403980
x63	6100	22,00	730404980
x80	6100	28,00	730405980



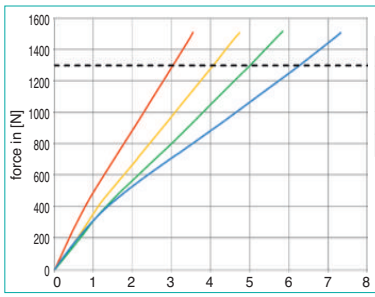
Dim.: ∅ 125 x ∅ 27 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
125x27x32	67000	11,00	731251980
x40	67000	14,00	731252980
x50	67000	17,50	731253980
x63	67000	22,00	731254980
x80	67000	28,00	731255980
x100	67000	35,00	731256980
x125	67000	43,50	731257980
x160	67000	56,00	731258980

Deflection – 35% of the original height **Force at 35% deflection** **Steady dynamic load up to max. 35% deflection**

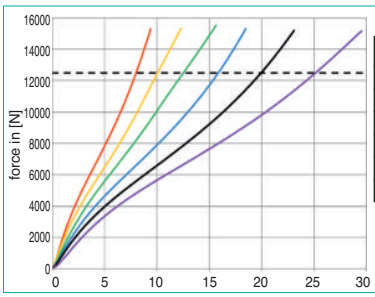
Elastomeric springs made of Diepothan®

Load capacity PUR-springs acc. to DIN ISO 10069-1 Diepothan® red 90° Shore A



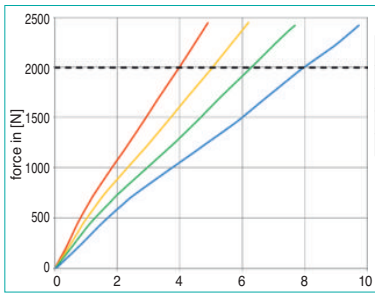
Dim.: ∅ 16 x ∅ 6,5 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
16x6,5x12,5	1300	3,13	730161990
x16	1300	4,00	730162990
x20	1300	5,00	730163990
x25	1300	6,25	730164990



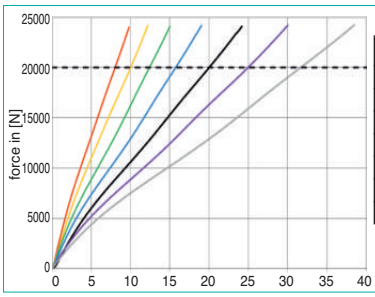
Dim.: ∅ 50 x ∅ 17 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
50x17x32	12500	8,00	730501990
x40	12500	10,00	730502990
x50	12500	12,50	730503990
x63	12500	15,75	730504990
x80	12500	20,00	730505990
x100	12500	25,00	730506990



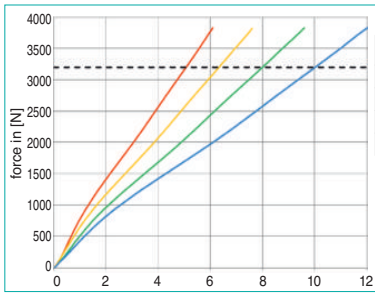
Dim.: ∅ 20 x ∅ 8,5 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
20x8,5x16	2000	4,00	730201990
x20	2000	5,00	730202990
x25	2000	6,25	730203990
x32	2000	8,00	730205990



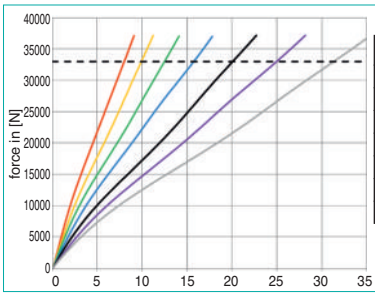
Dim.: ∅ 63 x ∅ 17 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
63x17x32	20000	8,00	730631990
x40	20000	10,00	730632990
x50	20000	12,50	730633990
x63	20000	15,75	730634990
x80	20000	20,00	730635990
x100	20000	25,00	730636990
x125	20000	31,25	730637990



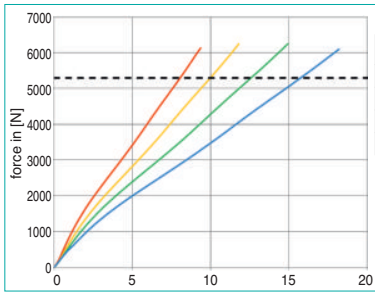
Dim.: ∅ 25 x ∅ 10,5 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
25x10,5x20	3200	5,00	730251990
x25	3200	6,25	730252990
x32	3200	8,00	730253990
x40	3200	10,00	730254990



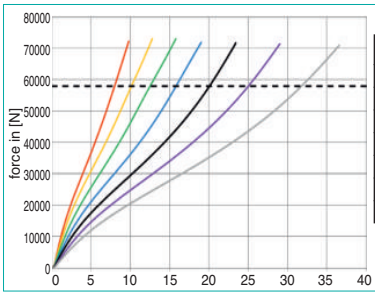
Dim.: ∅ 80 x ∅ 21 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
80x21x32	33000	8,00	730801990
x40	33000	10,00	730802990
x50	33000	12,50	730803990
x63	33000	15,75	730804990
x80	33000	20,00	730805990
x100	33000	25,00	730806990
x125	33000	31,25	730807990



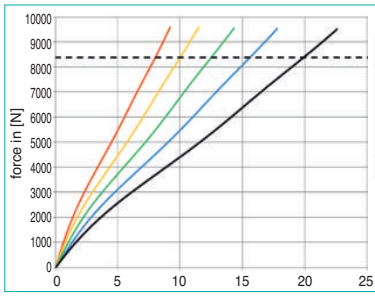
Dim.: ∅ 32 x ∅ 13,5 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
32x13,5x32	5300	8,00	730321990
x40	5300	10,00	730322990
x50	5300	12,50	730323990
x63	5300	15,75	730327990



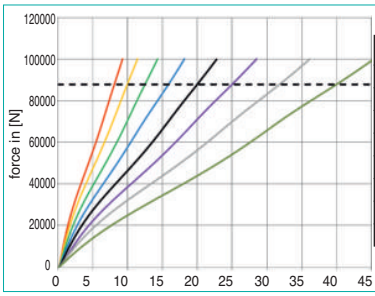
Dim.: ∅ 100 x ∅ 21 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
100x21x32	58000	8,00	731001990
x40	58000	10,00	731002990
x50	58000	12,50	731003990
x63	58000	15,75	731004990
x80	58000	20,00	731005990
x100	58000	25,00	731006990
x125	58000	31,75	731007990



Dim.: ∅ 40 x ∅ 13,5 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
40x13,5x32	8400	8,00	730401990
x40	8400	10,00	730402990
x50	8400	12,50	730403990
x63	8400	15,75	730404990
x80	8400	20,00	730405990



Dim.: ∅ 125 x ∅ 27 x L

Dim. [mm] A∅x l∅x L	force F = N	deflection mm	ID no.
125x27x32	88000	8,00	731251990
x40	88000	10,00	731252990
x50	88000	12,50	731253990
x63	88000	15,75	731254990
x80	88000	20,00	731255990
x100	88000	25,00	731256990
x125	88000	31,75	731257990
x160	88000	40,00	731258990

Deflection – 25% of the original height **Force at 25% deflection** **Steady dynamic load up to max. 25% deflection**

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