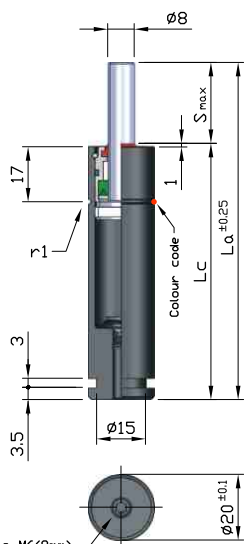


## TPA 20

**PED**  
97/23/CE

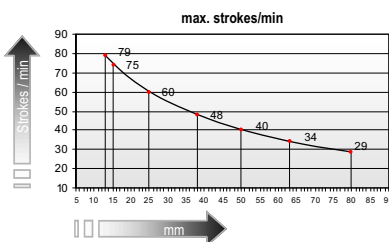


Gas charging M6(8mm)

Pressure medium

**Nitrogen Gas (N<sub>2</sub>)**

Max. charging pressure **175 Bar**  
Min. charging pressure **25 Bar**  
Rod seal area **0,50 cm<sup>2</sup>**  
Max. working temperature **80°C**  
Force increase by temperature **0,33% / 1°C**  
Max. stem speed **0,5 m/s**  
Maintenance kit **kit A20**



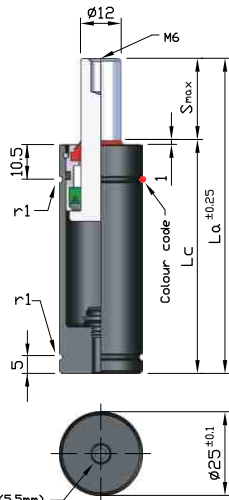
Code	S max mm	La mm	Lc mm	V l	kg
TPA 20x13	12,7	79,4	66,7	0,004	0,11
TPA 20x15	15	86	71	0,005	0,12
TPA 20x25	25	104	79	0,007	0,13
TPA 20x38	38	130	92	0,009	0,15
TPA 20x50	50	154	104	0,012	0,16
TPA 20x63	63	180	117	0,014	0,18
TPA 20x80	80	214	134	0,017	0,20

Colour code	Fa daN	Fc daN	P Bar
Green	25 (±5)	32	50
Blue	50 (±5)	65	100
Red	75 (±5)	96	150
Yellow	90 (±5)	116	175
Black	13 - 90	16 - 110	25 - 175

The black colour code denotes the adjustable pressure version (adjustable between 25 and 175 Bar). If not otherwise specified, these gas springs will be supplied in the yellow colour code version.

## TPA 25

**PED**  
97/23/CE

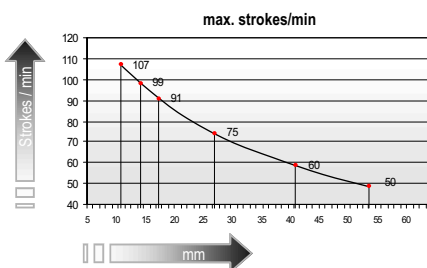


Gas charging M6(5.5mm)

Pressure medium

**Nitrogen Gas (N<sub>2</sub>)**

Max. charging pressure **175 Bar**  
Min. charging pressure **25 Bar**  
Rod seal area **1,13 cm<sup>2</sup>**  
Max. working temperature **80°C**  
Force increase by temperature **0,33% / 1°C**  
Max. stem speed **0,6 m/s**  
Maintenance kit **kit A25**



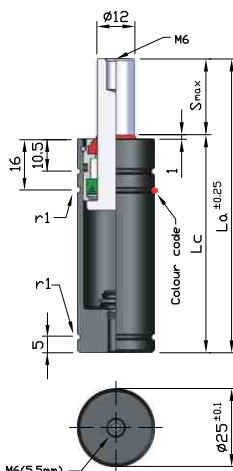
Code	S max mm	La mm	Lc mm	V l	kg
TPA 25x10	10	65	55	0,005	0,14
TPA 25x13	12,7	70,4	57,7	0,006	0,14
TPA 25x16	16	77	61	0,007	0,15
TPA 25x25	25	95	70	0,011	0,17
TPA 25x38	38	121,2	83,2	0,015	0,19
TPA 25x50	50	145	95	0,019	0,21

Colour code	Fa daN	Fc daN	P Bar
Green	50 (±5)	70	45
Blue	100 (±5)	140	90
Red	150 (±5)	210	135
Yellow	200 (±5)	280	175
Black	28 - 200	40 - 280	25 - 175

The black colour code denotes the adjustable pressure version (adjustable between 25 and 175 Bar). If not otherwise specified, these gas springs will be supplied in the yellow colour code version.

## TPG 22

**PED**  
97/23/CE

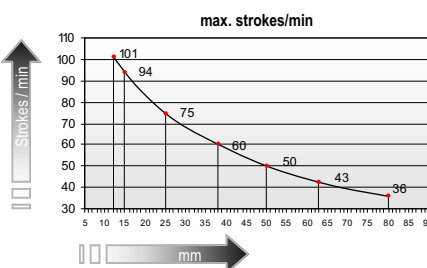


Gas charging M6(5.5mm)

Pressure medium

**Nitrogen Gas (N<sub>2</sub>)**

Max. charging pressure **175 Bar**  
Min. charging pressure **50 Bar**  
Rod seal area **0,50 cm<sup>2</sup>**  
Max. working temperature **80°C**  
Force increase by temperature **0,33% / 1°C**  
Max. stem speed **0,5 m/s**  
Maintenance kit **kit G22**



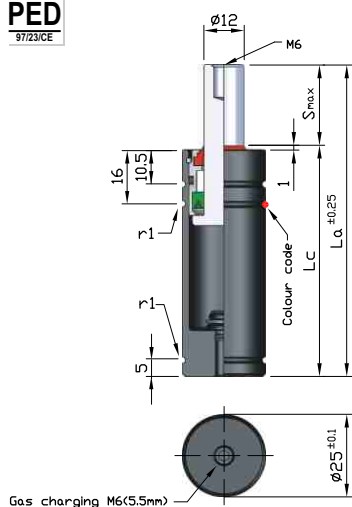
Code	S max mm	La mm	Lc mm	V l	kg
TPG 25x12	12	78	66	0,008	0,16
TPG 25x15	15	84	69	0,010	0,17
TPG 25x25	25	104	79	0,013	0,18
TPG 25x38	38	130	92	0,017	0,22
TPG 25x50	50	154	104	0,022	0,25
TPG 25x63	63	180	117	0,026	0,26
TPG 25x80	80	214	134	0,032	0,28

Colour code	Fa daN	Fc daN	P Bar
Green	30 (±5)	38	60
Blue	50 (±5)	65	100
Red	70 (±5)	90	140
Yellow	90 (±5)	116	175
Black	25 - 90	32 - 116	50 - 175

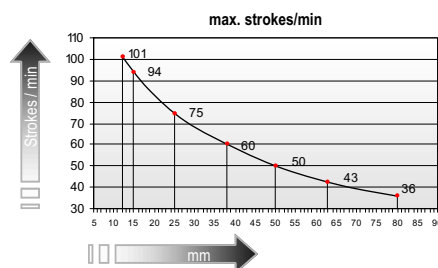
The black colour code denotes the adjustable pressure version (adjustable between 50 and 175 Bar). If not otherwise specified, these gas springs will be supplied in the yellow colour code version.

## TPG 25

**PED**  
97/23/CE



**Pressure medium** Nitrogen Gas (N<sub>2</sub>)  
**Max. charging pressure** 175 Bar  
**Min. charging pressure** 25 Bar  
**Rod seal area** 1,13 cm<sup>2</sup>  
**Max. working temperature** 80°C  
**Force increase by temperature** 0,33% / 1°C  
**Max. stem speed** 0,6 m/s  
**Maintenance kit** kit G25



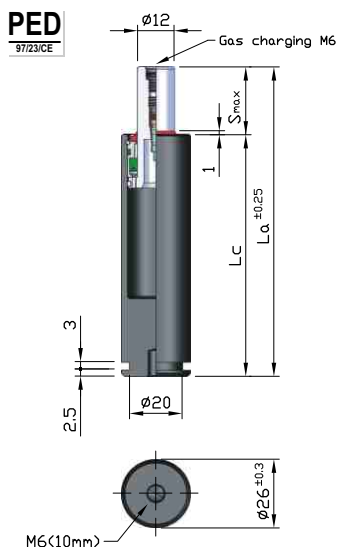
Code	S max mm	La mm	Lc mm	V l	kg
TPG 25x12	12	78	66	0,008	0,16
TPG 25x15	15	84	69	0,010	0,17
TPG 25x25	25	104	79	0,013	0,18
TPG 25x38	38	130	92	0,017	0,22
TPG 25x50	50	154	104	0,022	0,25
TPG 25x63	63	180	117	0,026	0,26
TPG 25x80	80	214	134	0,032	0,28

Colour code	Fa daN	Fc daN	P Bar
Green	50 (±5)	70	45
Blue	100 (±5)	140	90
Red	150 (±5)	210	135
Yellow	200 (±5)	270	175
Black	28 - 200	40 - 240	25 - 175

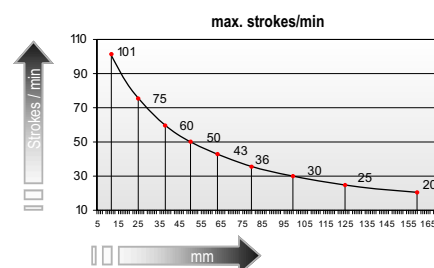
The black colour code denotes the adjustable pressure version (adjustable between 25 and 175 Bar). If not otherwise specified, these gas springs will be supplied in the yellow colour code version.

## TPG 26

**PED**  
97/23/CE



**Pressure medium** Nitrogen Gas (N<sub>2</sub>)  
**Max. charging pressure** 175 Bar  
**Min. charging pressure** 25 Bar  
**Rod seal area** 1,13 cm<sup>2</sup>  
**Max. working temperature** 80°C  
**Force increase by temperature** 0,33% / 1°C  
**Max. stem speed** 0,6 m/s  
**Maintenance kit** kit G26



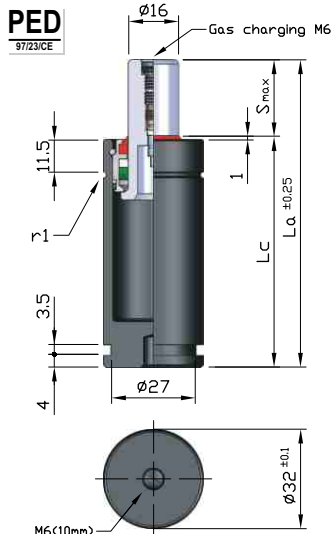
Code	S max mm	La mm	Lc mm	V l	kg
TPG 26x12	12	93	81	0,009	0,16
TPG 26x25	25	119	94	0,014	0,20
TPG 26x38	38	145	107	0,019	0,22
TPG 26x50	50	169	119	0,024	0,24
TPG 26x63	63	195	132	0,029	0,26
TPG 26x80	80	229	149	0,035	0,30
TPG 26x100	100	269	169	0,039	0,33
TPG 26x125	125	319	194	0,048	0,39
TPG 26x160	160	389	229	0,062	0,48

Colour code	Fa daN	Fc daN	P Bar
Green	50 (±5)	70	45
Blue	100 (±5)	140	90
Red	150 (±5)	210	135
Yellow	200 (±5)	270	175
Black	28 - 200	40 - 240	25 - 175

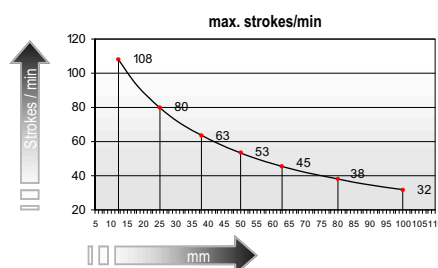
The black colour code denotes the adjustable pressure version (adjustable between 25 and 175 Bar). If not otherwise specified, these gas springs will be supplied in the yellow colour code version.

## TPG 32

**PED**  
97/23/CE



**Pressure medium** Nitrogen Gas (N<sub>2</sub>)  
**Max. charging pressure** 150 Bar  
**Min. charging pressure** 25 Bar  
**Rod seal area** 2,01 cm<sup>2</sup>  
**Max. working temperature** 80°C  
**Force increase by temperature** 0,33% / 1°C  
**Max. stem speed** 1 m/s  
**Maintenance kit** kit G32



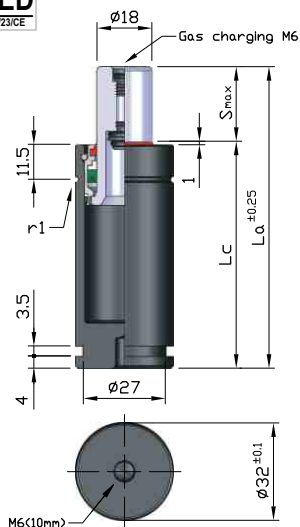
Code	S max mm	La mm	Lc mm	V l	kg
TPG 32x12	12	84	72	0,017	0,35
TPG 32x25	25	110	85	0,025	0,36
TPG 32x38	38	136	98	0,033	0,40
TPG 32x50	50	160	110	0,041	0,47
TPG 32x63	63	186	123	0,048	0,48
TPG 32x80	80	220	140	0,059	0,56
TPG 32x100	100	260	160	0,071	0,64

Colour code	Fa daN	Fc daN	P Bar
Green	100 (±5)	130	50
Blue	200 (±10)	265	100
Red	250 (±15)	330	125
Yellow	300 (±20)	395	150
Black	50 - 300	65 - 395	25 - 150

The black colour code denotes the adjustable pressure version (adjustable between 25 and 150 Bar). If not otherwise specified, these gas springs will be supplied in the yellow colour code version.

## TPGP 32

**PED**  
97/23/CE



Pressure medium

### Nitrogen Gas (N<sub>2</sub>)

Max. charging pressure

175 Bar

Min. charging pressure

**25 Bar**

Rod seal area

**2,54 cm<sup>2</sup>**

Max. working temperature

80°C

### Force increase by temperature

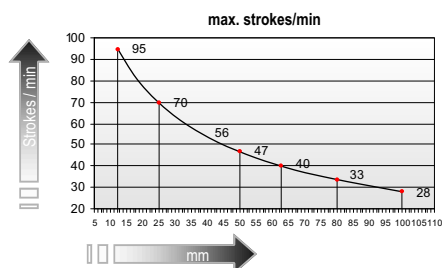
**0,33% / 1°C**


Max. stem speed

0,8 m/s

Maintenance kit

**kit GP32**



Code	S max mm	La mm	Lc mm	Y	 kg
TPGP 32x12	12	84	72	0,018	0,36
TPGP 32x25	25	110	85	0,027	0,37
TPGP 32x38	38	136	98	0,035	0,41
TPGP 32x50	50	160	110	0,043	0,48
TPGP 32x63	63	186	123	0,051	0,49
TPGP 32x80	80	220	140	0,062	0,57
TPGP 32x100	100	260	160	0,075	0,65

Colour code	Fa daN	Fc daN	P Bar
Green	100 (±5)	140	40
Blue	200 (±10)	285	80
Red	300 (±15)	425	120
Yellow	450 (±20)	620	175
Black	60 - 450	90 - 620	25 - 175

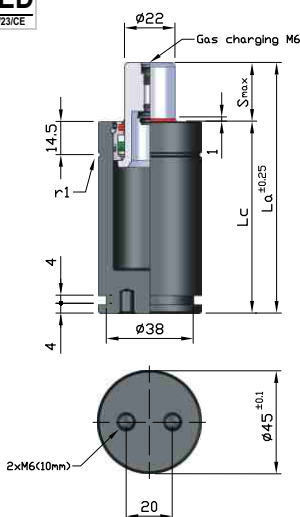
The black colour code denotes the adjustable pressure version (adjustable between 25 and 175 Bar). If not otherwise specified, these gas springs will be supplied in the yellow colour code version.

## TPG 500

**PED**  

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97/23/CE



Pressure medium

### Nitrogen Gas (N<sub>2</sub>)

Max. charging pressure

155 Bar

Min. charging pressure

### 35 Bar

Rod seal area

**3,80 cm<sup>2</sup>**

Max. working temperature

80°C

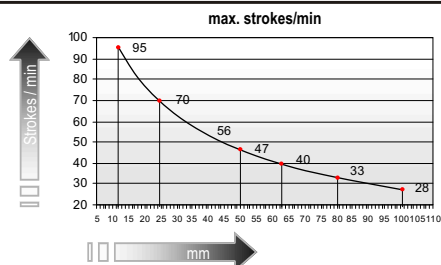
Force increase by temperature

0,33% / 1°C

Max. stem speed

1 m/s

Maintenance kit

**kit G500**

Code	S max mm	La mm	Lc mm	Fa daN	Fc daN	P Bar	V l	kg
TPG 500x12	12	84	72	500 (±5%)	640	132	0,028	0,70
TPG 500x25	25	110	85		695		0,041	0,78
TPG 500x38	38	136	98		720		0,054	0,88
TPG 500x50	50	160	110		740		0,066	0,97
TPG 500x63	63	186	123		750		0,079	1,07
TPG 500x80	80	220	140		760		0,096	1,20
TPG 500x100	100	260	160		780		0,117	1,38