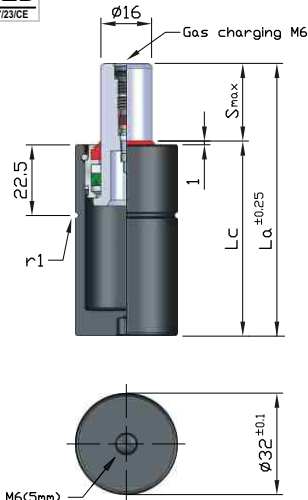


## TPCT 300

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

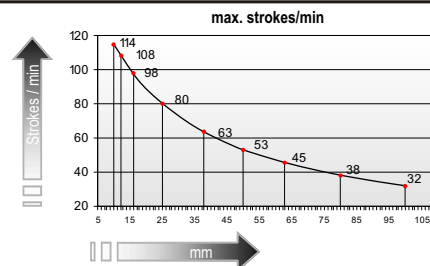
**0,33% / 1°C**

Max. stem speed

**1 m/s**

Maintenance kit

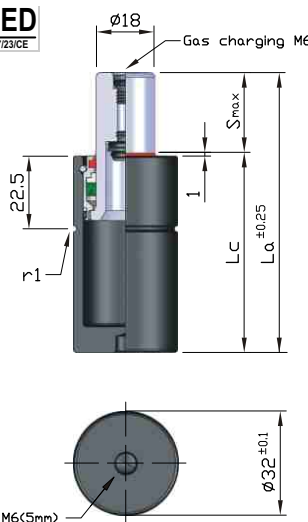
**kit CT300**



Code	S max mm	La mm	Lc mm	Fa daN	Fc daN	P Bar	V l	Kg
TPCT 300x10	10	57	47	300 (±5%)	375	150	0,010	0,16
TPCT 300x12	12	61	49		385		0,011	0,17
TPCT 300x16	16	69	53		395		0,014	0,18
TPCT 300x25	25	87	62		410		0,019	0,20
TPCT 300x38	38	113	75		420		0,027	0,24
TPCT 300x50	50	137	87		425		0,034	0,28
TPCT 300x63	63	163	100		430		0,042	0,33
TPCT 300x80	80	197	117		435		0,053	0,38
TPCT 300x100	100	237	137		435		0,065	0,44

## TPCT 450

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

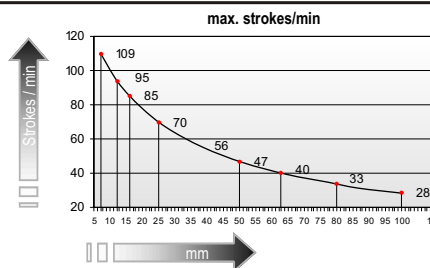
**0,33% / 1°C**

Max. stem speed

**0,8 m/s**

Maintenance kit

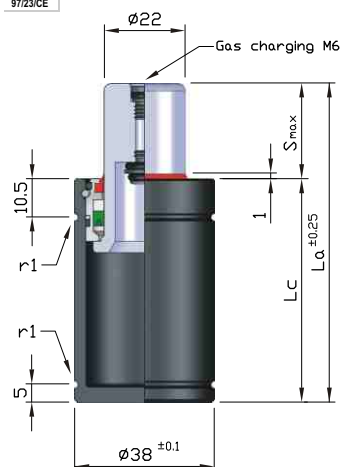
**kit CT450**



Code	S max mm	La mm	Lc mm	Fa daN	Fc daN	P Bar	V l	Kg
TPCT 450x7	7	51	44	450 (±5%)	535	175	0,011	0,10
TPCT 450x12	12	61	49		575		0,014	0,13
TPCT 450x16	16	69	53		595		0,016	0,18
TPCT 450x25	25	87	62		630		0,022	0,21
TPCT 450x38	38	113	75		655		0,030	0,25
TPCT 450x50	50	137	87		670		0,038	0,29
TPCT 450x63	63	163	100		680		0,046	0,34
TPCT 450x80	80	197	117		690		0,057	0,39
TPCT 450x100	100	237	137		710		0,068	0,45

## TPCT 550

PED  
97/23/CE



Pressure medium

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

Max. charging pressure

**150 Bar**

Min. charging pressure

**35 Bar**

Rod seal area

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

Max. working temperature

**80°C**

Force increase by temperature

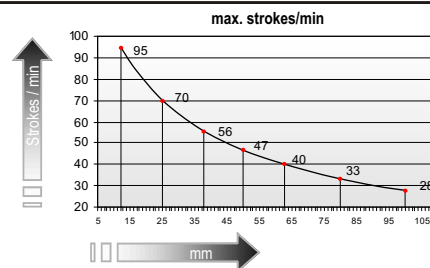
**0,33% / 1°C**

Max. stem speed

**0,8 m/s**

Maintenance kit

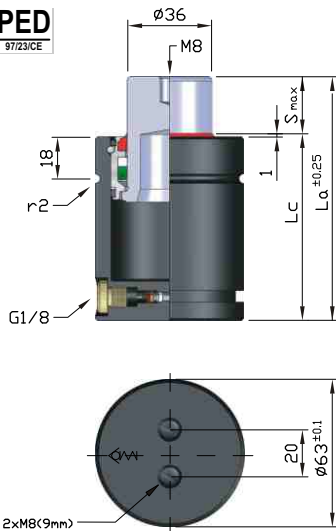
**kit CT550**



Code	S max mm	La mm	Lc mm	Fa daN	Fc daN	P Bar	V l	Kg
TPCT 550x12	12	56	44	550 (±5%)	755	145	0,017	0,28
TPCT 550x25	25	82	57		810		0,030	0,34
TPCT 550x38	38	108	70		830		0,043	0,39
TPCT 550x50	50	132	82		840		0,055	0,43
TPCT 550x63	63	158	95		850		0,068	0,48
TPCT 550x80	80	192	112		855		0,085	0,55
TPCT 550x100	100	232	132		865		0,105	0,64

## TPCT 1500

PED  
97/23/CE



Pressure medium

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

Max. charging pressure

**150 Bar**

Min. charging pressure

**35 Bar**

Rod seal area

**10,18 cm<sup>2</sup>**

Max. working temperature

**80°C**

Force increase by temperature

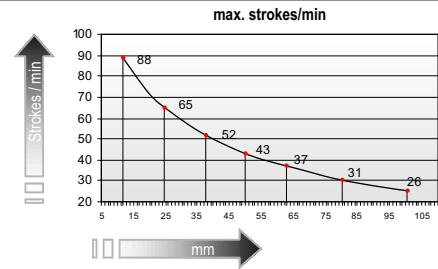
**0,33% / 1°C**

Max. stem speed

**1 m/s**

Maintenance kit

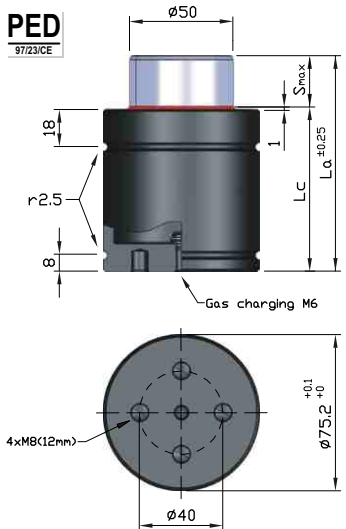
**kit CT1500**



Code	S max mm	La mm	Lc mm	Fa daN	Fc daN	P Bar	V	Kg
TPCT 1500x12	12	76	64	1500 (±5%)	1985	148	0,048	1,10
TPCT 1500x25	25	102	77		2175		0,079	1,33
TPCT 1500x38	38	128	90		2265		0,111	1,79
TPCT 1500x50	50	152	102		2315		0,140	2,05
TPCT 1500x63	63	178	115		2350		0,172	2,21
TPCT 1500x80	80	212	132		2380		0,214	2,30
TPCT 1500x100	100	252	152		2405		0,263	2,63

## TPCT 2500

PED  
97/23/CE



Pressure medium

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

Max. charging pressure

**150 Bar**

Min. charging pressure

**35 Bar**

Rod seal area

**19,63 cm<sup>2</sup>**

Max. working temperature

**80°C**

Force increase by temperature

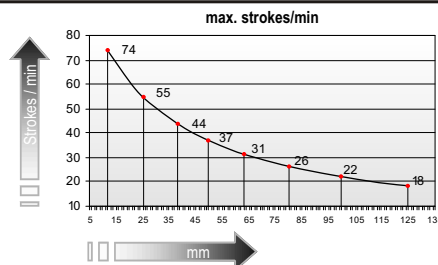
**0,33% / 1°C**

Max. stem speed

**0,6 m/s**

Maintenance kit

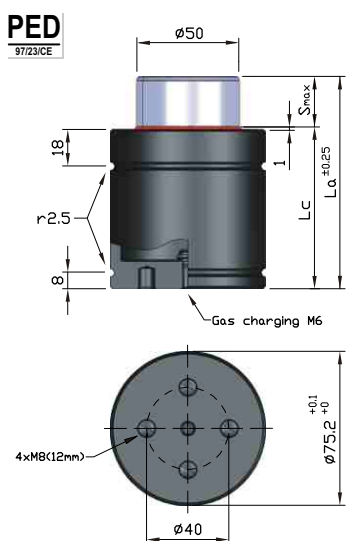
**kit CT2500**



Code	S max mm	La mm	Lc mm	Fa daN	Fc daN	P Bar	V	Kg
TPCT 2500x12	12	78	66	2500 (±5%)	3830	127	0,068	1,60
TPCT 2500x25	25	104	79		4145		0,123	1,90
TPCT 2500x38	38	130	92		4280		0,179	2,05
TPCT 2500x50	50	154	104		4350		0,230	2,30
TPCT 2500x63	63	180	117		4395		0,286	2,55
TPCT 2500x80	80	214	134		4435		0,359	2,95
TPCT 2500x100	100	254	154		4470		0,444	3,25
TPCT 2500x125	125	304	179		4665		0,527	3,70

## TPCT 3000

PED  
97/23/CE



Pressure medium

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

Max. charging pressure

**150 Bar**

Min. charging pressure

**35 Bar**

Rod seal area

**19,63 cm<sup>2</sup>**

Max. working temperature

**80°C**

Force increase by temperature

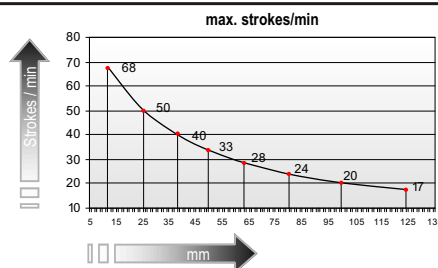
**0,33% / 1°C**

Max. stem speed

**0,6 m/s**

Maintenance kit

**kit CT3000**

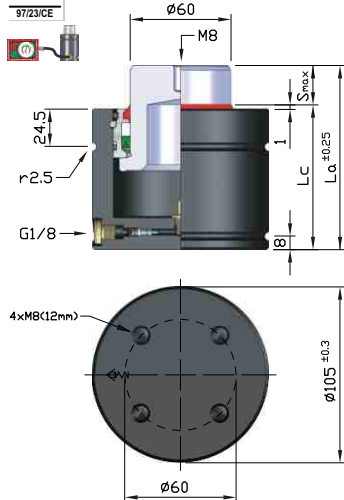


Code	S max mm	La mm	Lc mm	Fa daN	Fc daN	P Bar	V	Kg
TPCT 3000x12	12	78	66	3000 (±5%)	4525	150	0,068	1,60
TPCT 3000x25	25	104	79		4895		0,123	1,90
TPCT 3000x38	38	130	92		5055		0,179	2,05
TPCT 3000x50	50	154	104		5135		0,230	2,30
TPCT 3000x63	63	180	117		5190		0,286	2,55
TPCT 3000x80	80	214	134		5240		0,359	2,95
TPCT 3000x100	100	254	154		5280		0,444	3,25
TPCT 3000x125	125	304	179		5510		0,527	3,70

## TPCT 5000

**PED**

97/23/CE



Pressure medium

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

Max. charging pressure

**175 Bar**

Min. charging pressure

**35 Bar**

Rod seal area

**28,27 cm<sup>2</sup>**

Max. working temperature

**80°C**

Force increase by temperature

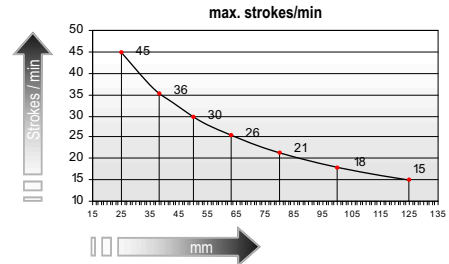
**0,33% / 1°C**

Max. stem speed

**20 m/min**

Maintenance kit

**kit CT5000**



Code	S max mm	La mm	Lc mm	Fa daN	Fc daN	P Bar	V l	kg
TPCT 5000x25	25	110	85	5000 (±5%)	6620	175	0,197	4,10
TPCT 5000x38	38	136	98		6850		0,282	4,70
TPCT 5000x50	50	160	110		6975		0,361	4,90
TPCT 5000x63	63	186	123		7065		0,446	5,40
TPCT 5000x80	80	220	140		7140		0,557	5,75
TPCT 5000x100	100	260	160		7200		0,688	5,90
TPCT 5000x125	125	310	185		7250		0,852	7,05

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