



# Compound Plate System



- PED 97/23/EC approved
- Prepared to be installed and completely mounted
- Easy filling and controlling of the system in built-in position
- Use of gas springs with base filling
- No hose connections necessary
- Easy to install and disassemble



Order No. 2.5507.01.0207.01000

2-20650-2006-1 □

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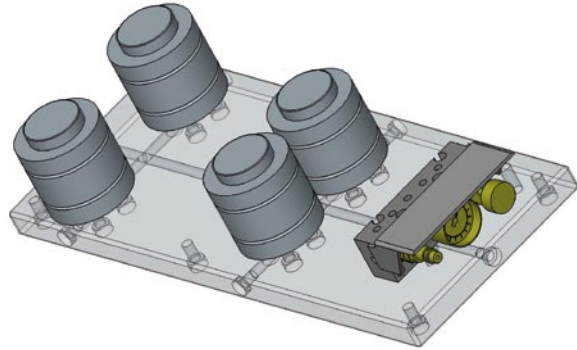
## FIBRO Compound Plate System

- can be used as an alternative to hose-interconnected gas spring
- easy maintenance, long service intervals
- no hose connections necessary
- guaranteed free of leaks even when fitted and removed frequently
- no special tools required for fitting and removal
- approved to Pressure Equipment Directive 97/23/EC and assembled ready to install
- use of standard gas springs with base connection

### Also:

- other spring types available to order
- customer-specific design of the FIBRO Compound Plate System by qualified engineers
- individually processed to customer requirements
- quick delivery
- gas springs available from stock
- control fitting with hoses or mounted directly on the Compound Plate System

## Example Compound Plate System

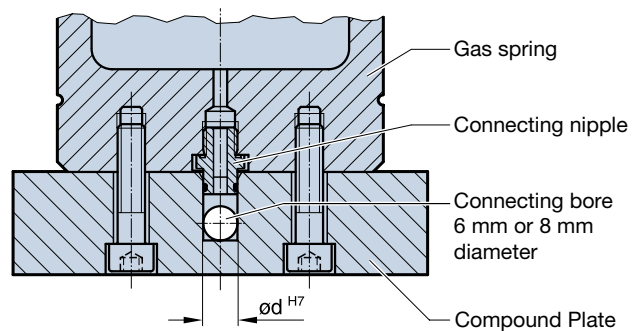


## Technical specifications

Pressure medium:	Nitrogen N <sub>2</sub>
max. filling pressure:	150 bar at 20°C
min. filling pressure:	25 bar at 20°C
Working temperature:	0°C to +80°C
max. piston travel speed:	0,50 resp. 1,6* m/s
Recommended max. strokes/min.:	approx. 50-100 (at 20°C)

\*depending on spring type

## Connection arrangements



## Compact gas springs for short stroke lengths with high forces

Order no.	Stroke length mm	Initial spring force daN	Overall length mm	Cylinder diameter mm	Connecting nipple	Internal diameter d mm
2490.12.00750.□□□.V* <sup>1</sup>	6-50	750	63-195	32	—	6
2490.12.01000.□□□	6-50	1000	61-230	38	2480.00.20.01000.004	6
2490.12.01800.□□□	6-50	1800	66-220	50,2	2480.00.20.18300.004	10
2490.12.03000.□□□	10-50	3000	85-205	63,2	2480.00.20.18300.004	10
2490.13.04700.□□□	10-50	4700	80-240	75,2	2480.00.20.18300.004	10
2490.13.07500.□□□	10-50	7500	90-255	95,2	2480.00.20.18300.004	10
2490.12.11300.□□□	10-50	11300	100-260	120,2	2480.00.20.18300.004	10
2490.12.18300.□□□	10-50	18300	110-270	150,2	2480.00.20.18300.004	10

\*<sup>1</sup> Gas spring including connection nipple, thread in baseplate different from standard gas spring (2490.12.00750.)