

# Gas spring POWERLINE with reinforced spring base

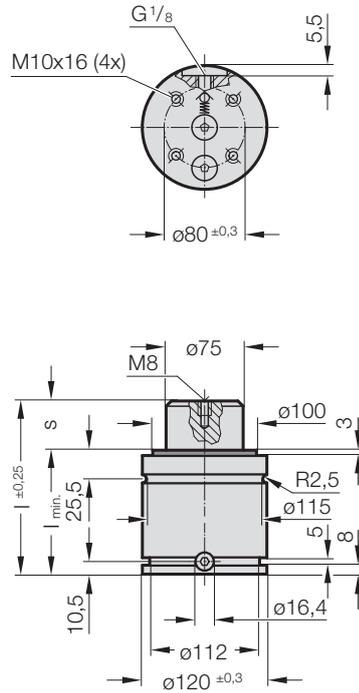
**Note:**

Initial spring force at 150 bar = 6630 daN

Order No for spare parts kit: 2487.15.06600  
(Stroke length 16 and 19 not repairable)

Pressure medium: Nitrogen N<sub>2</sub>  
 Max. filling pressure: 150 bar  
 Min. filling pressure: 20 bar  
 Working temperature: 0°C to +80°C  
 Temperature related force increase: ± 0.3%/°C  
 Max. recommended extensions per minute:  
 approx. 20 to 100 (at 20°C)  
 Max. piston rod speed: 1.8 m/s

**2487.15.33.06600.**



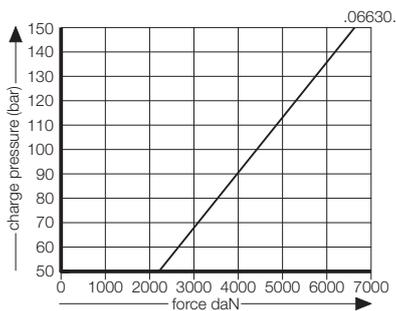
**PED**  
2014/68/EU



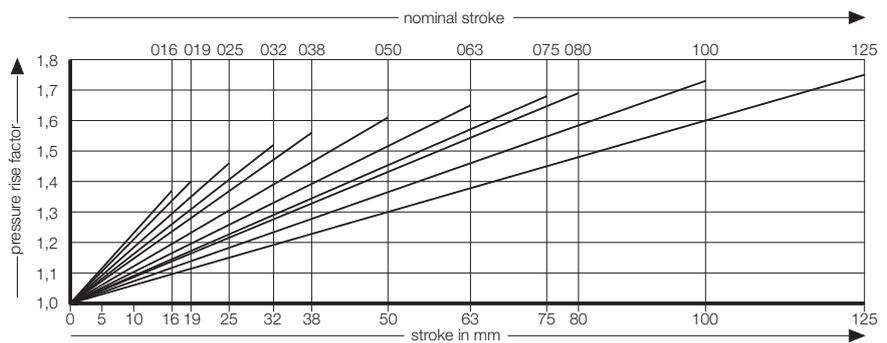
**2487.15.33.06600. Gas spring POWERLINE with reinforced spring base**

Order No	s (Stroke max.)	l <sub>min.</sub>	l	Gas volume [l]	Weight [kg]
2487.15.33.06600.016	16	88	104	0.306	5.4
2487.15.33.06600.019	19	91	110	0.338	5.52
2487.15.33.06600.025	25	97	122	0.402	5.76
2487.15.33.06600.032	32	104	136	0.477	6.04
2487.15.33.06600.038	38	110	148	0.541	6.28
2487.15.33.06600.050	50	122	172	0.668	6.76
2487.15.33.06600.063	63	135	198	0.807	7.28
2487.15.33.06600.075	75	147	222	0.935	7.75
2487.15.33.06600.080	80	152	232	0.988	7.95
2487.15.33.06600.100	100	172	272	1.201	8.75
2487.15.33.06600.125	125	197	322	1.467	9.75

Initial spring force versus charge pressure



Spring force Diagram displacement versus stroke rise



Pressure rise factor accounts for displacement but not external influences!