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Shanghai Songjiang Group utilizes intelligent automated production equipment. Each vulcanizing machine is equipped with an independent Siemens control system, integrating time, temperature, and pressure control modules to achieve full-process data monitoring. We have introduced advanced robotic equipment to effectively reduce costs while enhancing efficiency and product quality. The production process strictly follows multiple inspection procedures, including dimensional, performance, pressure, and durability testing, ensuring every product is precise, reliable, and meets high-quality standards.



High quality raw materials



Automatic Thin Film Calendering Machine



Automatic One-Step Forming Machine



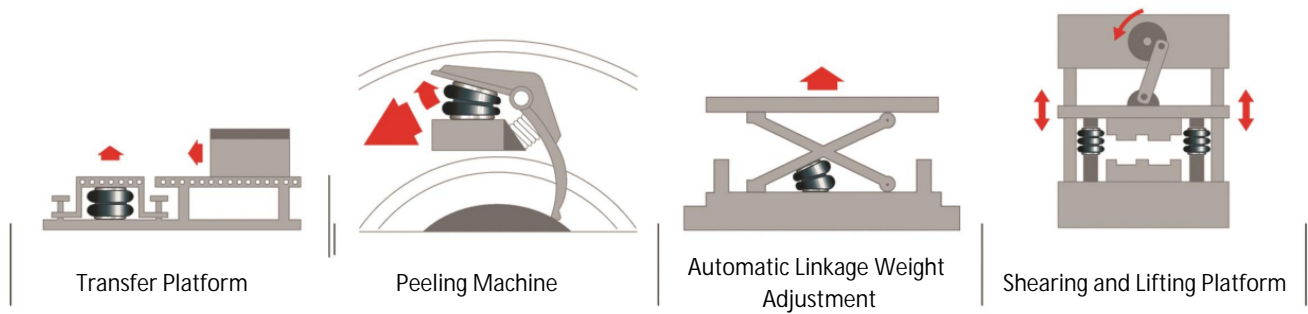
Fully Automatic Vulcanizing Machine



High-Precision CNC Machining Center



Multifunctional Inspection Equipment



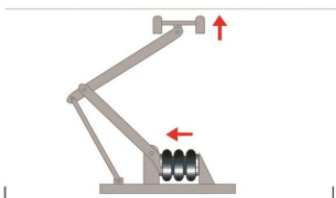
Compared with conventional pneumatic and hydraulic cylinders, the rubber air spring actuator developed by Shanghai Songjiang represents a truly multifunctional solution. It effectively addresses challenges such as the complex geometrical structures of scissor lifts, contamination and trimming issues in peeling machines, intense solar radiation exposure on pantographs (overhead current collectors), and the continuous operation demands of lateral guide systems. Proven across diverse industries and application scenarios, the performance of rubber air springs consistently meets rigorous operational requirements and withstands demanding environments.

### Performance Range of Rubber Air Spring

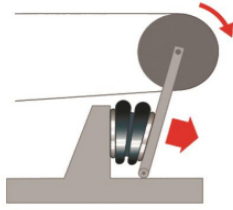
- ▶ Lifting Force: 0.5 kN to 440 kN
- ▶ Diameter Range: 60 mm to 950 mm
- ▶ Maximum Stroke (Travel): Up to 455 mm
- ▶ Working Medium: Standard industrial compressed air
- ▶ Connection Type: Standard industrial threaded connections
- ▶ Compatibility: Applicable to all types of standard commercial valves



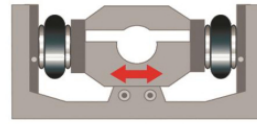




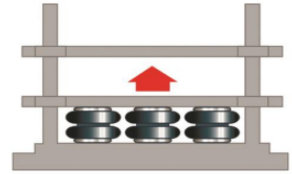
Pantograph



Torque Table



Straightener



Pressing Machine



Pneumatic actuators are suitable for a wide range of industrial sectors, and are particularly ideal for applications involving harsh environments and high load-bearing requirements.



- ▶ Vehicle application
- ▶ Automation technology
- ▶ Transmission technology
- ▶ Agricultural technology
- ▶ Food industry
- ▶ Paper and textile machinery
- ▶ Pantograph  
Rail vehicle application
- ▶ Wood processing equipment
- ▶ Perforation and stamping
- ▶ Coast, water

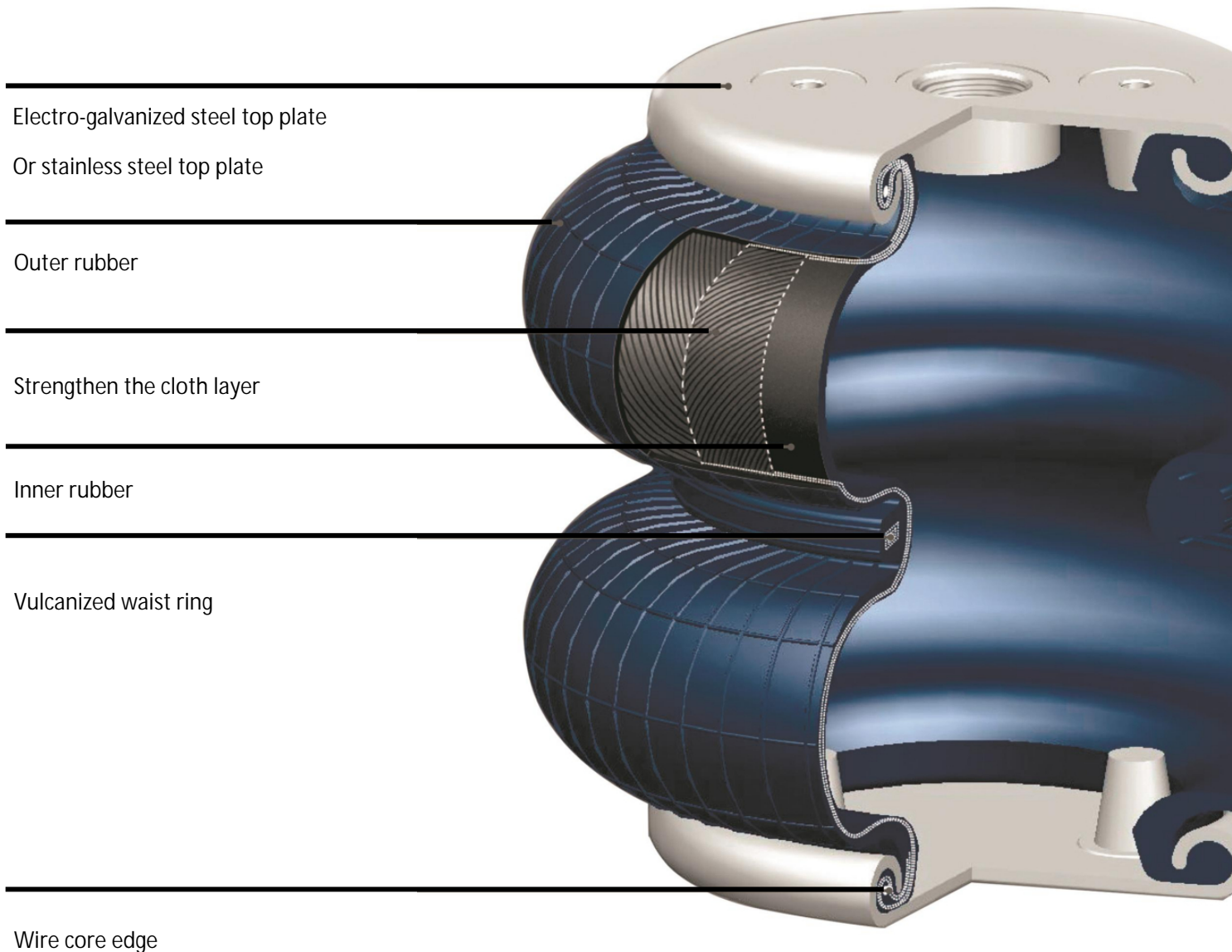


Rubber air springs, commonly known as air bellows, convoluted air springs, or air bags, operate by filling compressed air into the chamber via an air compressor to transmit force and provide elastic support.

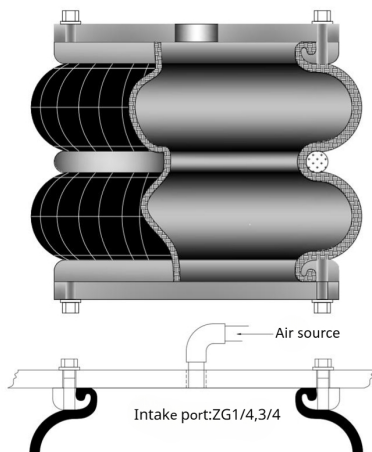
Depending on stroke requirements, air springs are typically designed with one to three convolutions.

Within the effective stroke range, parameters such as stiffness, height, internal volume, and load capacity can be adjusted by increasing or decreasing the inflation pressure.

Additionally, auxiliary air chambers can be integrated to enable automatic adjustment.

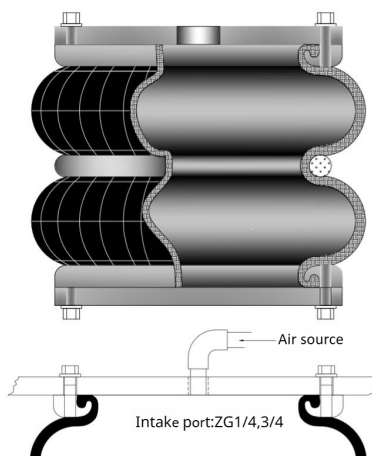


The **FP series air springs** feature standard crimped end caps made of rust-protected steel. The cap and rubber bellow are integrally molded and non-detachable.

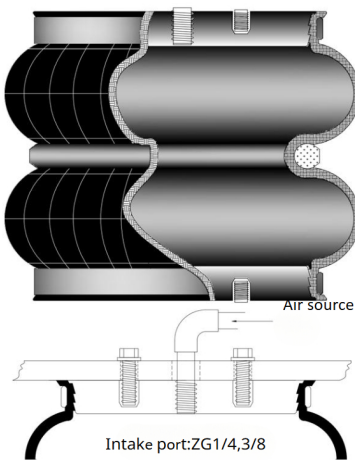


The **F series air springs** are equipped with movable, rotatable flanges. The flanges are made of rust-protected steel by default, but can also be manufactured from aluminum, stainless steel 304, or other materials upon request. In addition to offering a variety of metal components, we provide bellows made from various elastomer materials such as Butyl, EPDM, Nitrile, and Neoprene, allowing us to customize air springs according to specific application requirements.

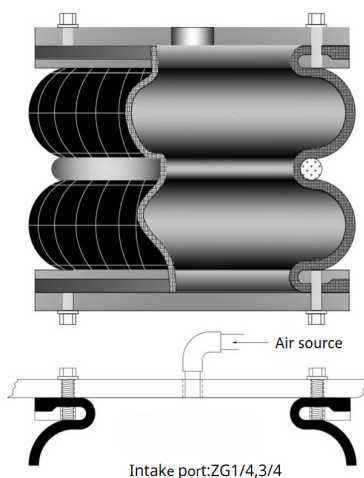
Note: The F series uses the same rubber bellows as the SK and FDC series.



The **KL Series Air Spring** is a durable, flexible rubber airbag with locking collar rings on both ends. It can be customized with embedded stainless steel threaded sleeves to fit various axle sizes, making it ideal for vehicle suspension modifications. Designed for improved load support and ride comfort, it suits a wide range of custom air suspension applications.



The **GF Type Rubber Air Spring**, also known as the fixed rubber air spring, is one of the most versatile types. It features wide upper and lower edges, allowing users to punch holes for installation. The air spring can then be fitted with matching flanges and end plates according to the user's specific requirements, making it compatible with various machinery. While the fixed type is primarily used in papermaking machinery, it can also be selected for other machines based on specific application needs.

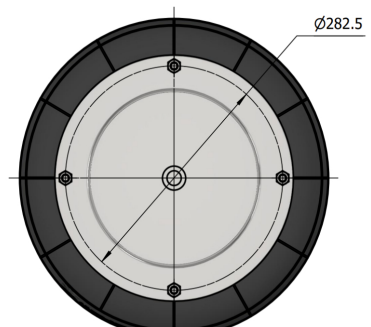
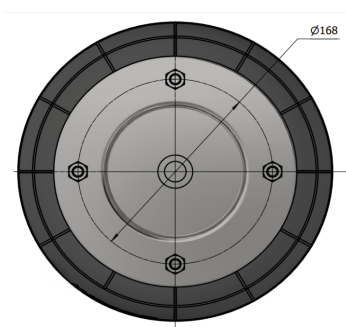
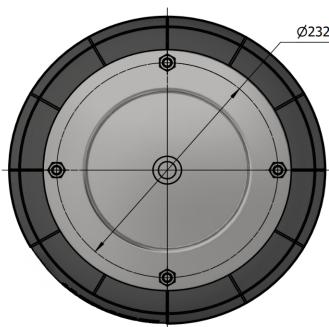
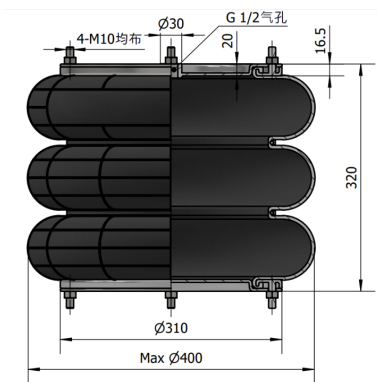
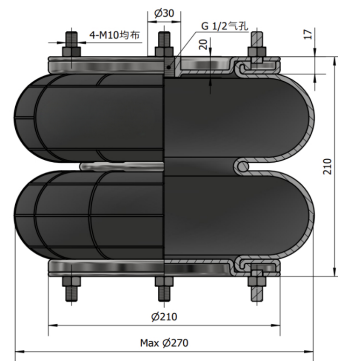
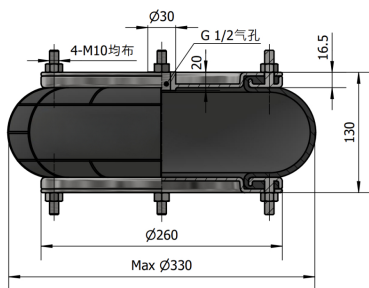
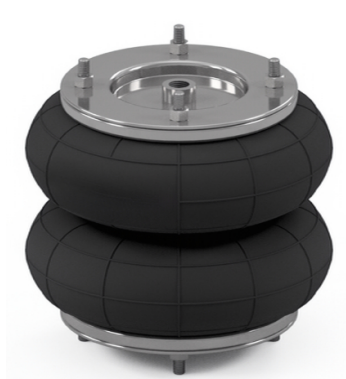




## SK Series Air Spring

The SK series single, double, and triple convolution air springs adopt a cap and flange connection design, allowing for easy disassembly. The metal components can be made of carbon steel, aluminum alloy, or stainless steel 304, while the bellows are available in various elastomer materials such as Butyl, EPDM, Nitrile, and Neoprene. As a result, Oria air actuators are well-suited for harsh working environments, including high temperatures, acidic conditions, and UV exposure.

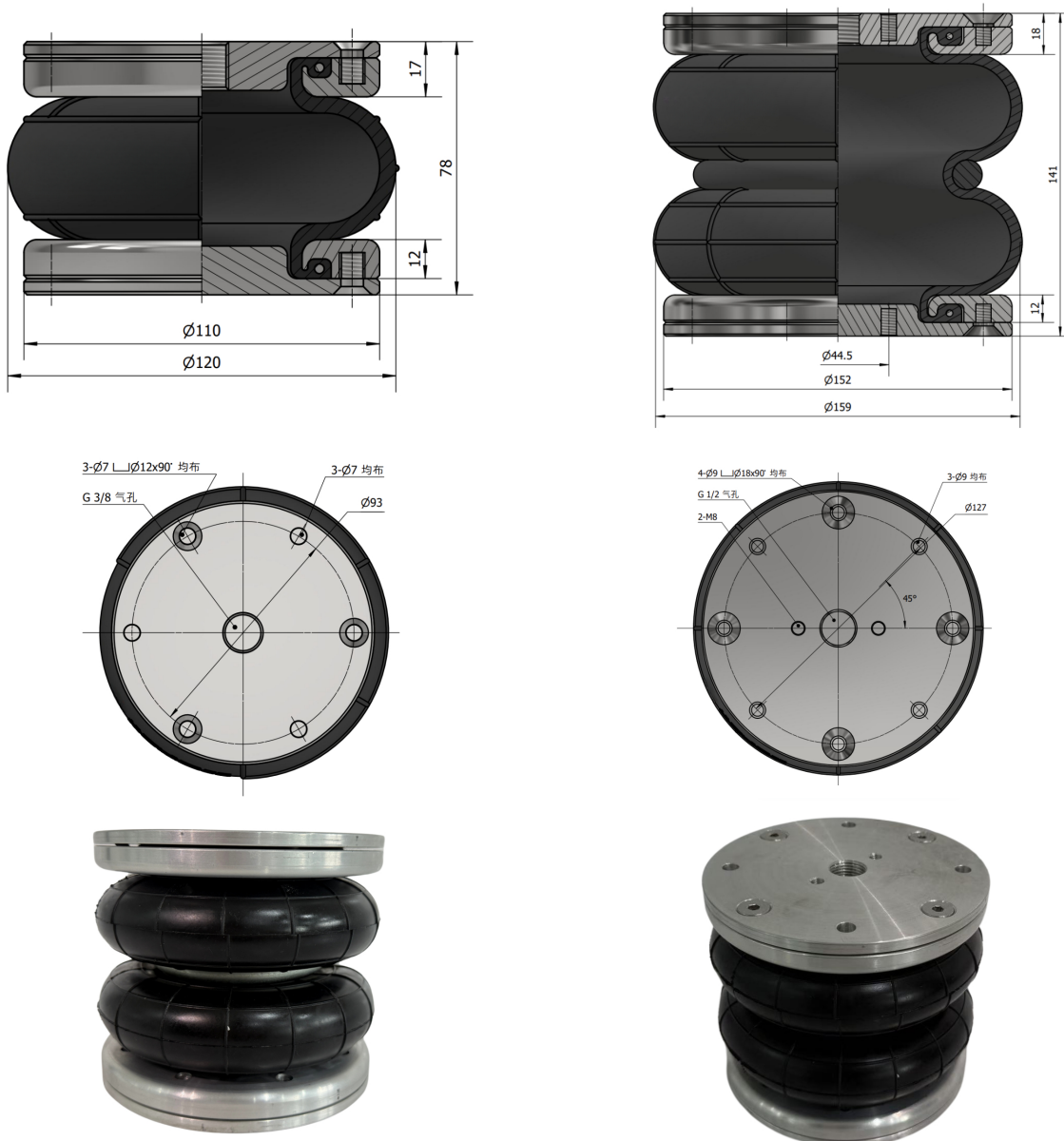
Note: Bellows and flanges can be supplied separately. Flange mounting holes and air inlets can be customized upon request.

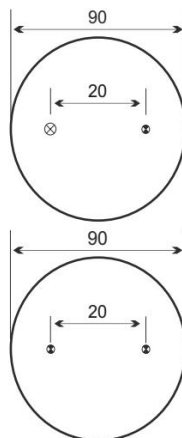
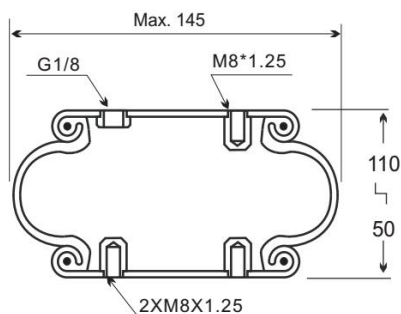


The FDC series air springs are functionally equivalent to the SK series, with the only difference being the design of the end plates. Like the SK series, the FDC series features a cap and flange connection, allowing for a detachable structure that facilitates easy installation and maintenance.

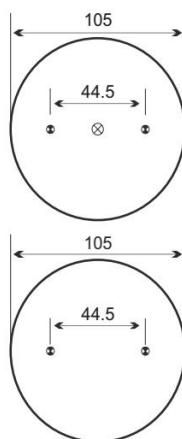
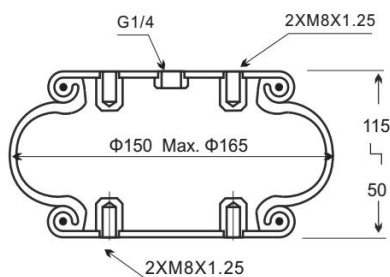
Metal components can be manufactured from materials such as 304 stainless steel, while the bellows are available in a variety of elastomer materials including Butyl, EPDM, Nitrile, and Neoprene. As a result, Oria air springs are suitable for demanding environments involving high temperatures, acidic conditions, or UV exposure.

Note: Bellows and flanges can be supplied separately. Flange mounting holes and air inlet ports can be customized upon request.

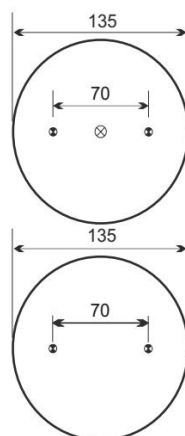
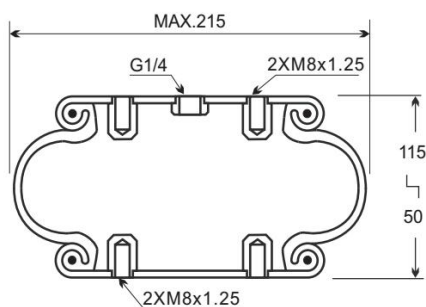




Model: FP-1B145/110  
 Maximum Load: 350kg  
 Maximum Outer Diameter: 145mm  
 Natural Outer Diameter: 125mm  
 Minimum Compressed Height: 50mm  
 Maximum Extended Height: 110mm  
 Air Hole Standard: G1/8  
 Corresponding international model:  
 Contitech: FS 40-6  
 Phoenix: SP1B04  
 Weforma: WBE100-E1



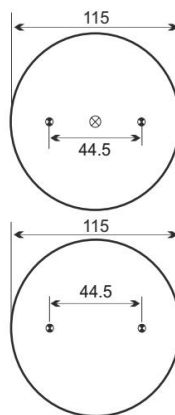
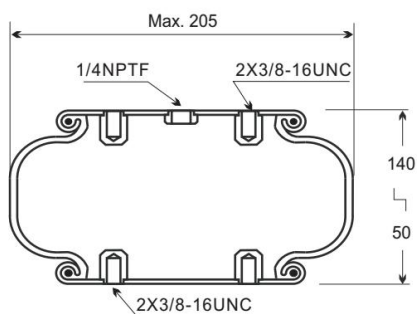
Model: FP-1B165/115  
 Maximum Load: 450kg  
 Maximum Outer Diameter: 165mm  
 Natural Outer Diameter: 150mm  
 Minimum Compressed Height: 50mm  
 Maximum Extended Height: 115mm  
 Air Hole Standard: G1/4  
 Corresponding international model:  
 Contitech : FS 70-7  
 Phoenix : SP 1 B 05  
 Bosch : 822419002  
 Festo : EB-165-65  
 Weforma : WBE 200-E1



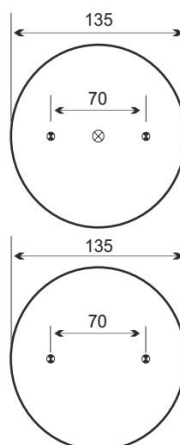
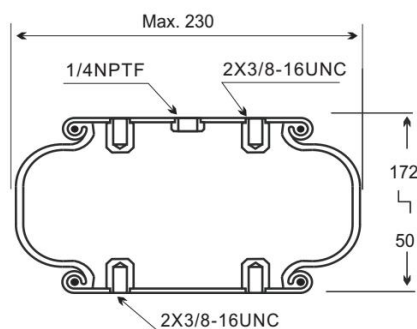
Model: FP-1B196/115  
 Maximum Load: 1200kg  
 Maximum Outer Diameter: 215mm  
 Natural Outer Diameter: 196mm  
 Minimum Compressed Height: 50mm  
 Maximum Extended Height: 115mm  
 Air Hole Standard: G1/4 and G3/4  
 Corresponding international model:  
 Firestone : W01-M58-6165/6  
 Contitech : FS 120-9  
 Dunlop(FR) : 8"x1 S08101  
 Festo : EB-215-80  
 Norgren : PM/31081(8x1)  
 Weforma : WBE 300-E1/E2



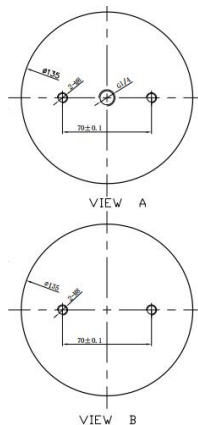
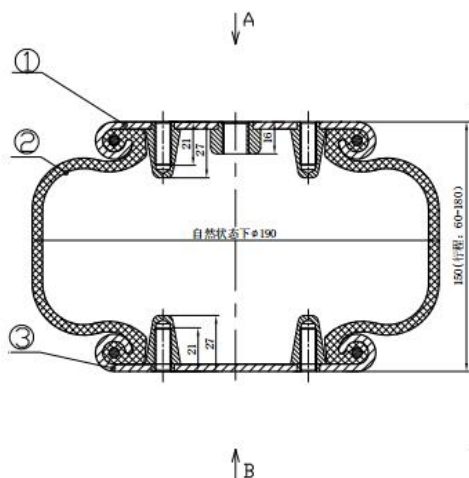
## FP Series Air Springs



Model: FP-1B205/140  
 Maximum Load: 750kg  
 Maximum Outer Diameter: 205mm  
 Natural Outer Diameter: 180mm  
 Minimum Compressed Height: 50mm  
 Maximum Extended Height: 140mm  
 Air Hole Standard: 1/4NPTF  
 Corresponding international model:  
 Firestone : W01-358-7451  
 Goodyear : 1B7-540

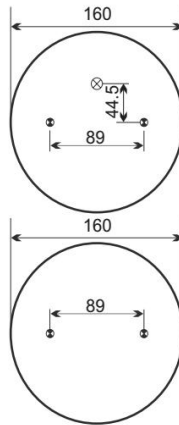
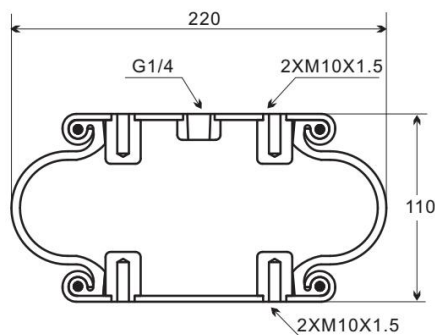


Model: FP-1B230/140  
 Maximum Load: 980kg  
 Maximum Outer Diameter: 230mm  
 Natural Outer Diameter: 194mm  
 Minimum Compressed Height: 50mm  
 Maximum Extended Height: 172mm  
 Air Hole Standard: 1/4NPTF  
 Corresponding international model:  
 Firestone : W01-358-7564  
 Goodyear : 1B8-550  
 Contitech : FS120-10

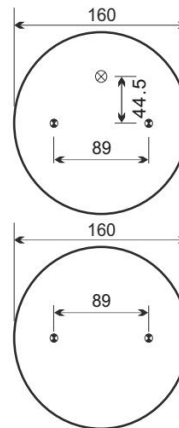
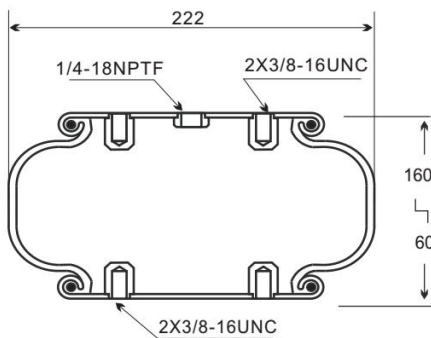


Model: FP-1B240/180  
 Maximum Load: 1000kg  
 Maximum Outer Diameter: 240mm  
 Natural Outer Diameter: 220mm  
 Minimum Compressed Height : 60mm  
 Maximum Extended Height : 180mm  
 Air Hole Standard: 1/4NPTF  
 Corresponding international model:  
 Firestone : W01-358-7598  
 Goodyear : 1B8-580

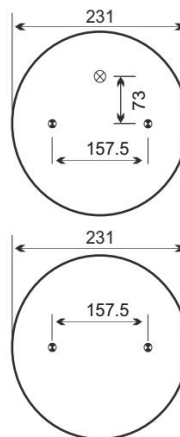
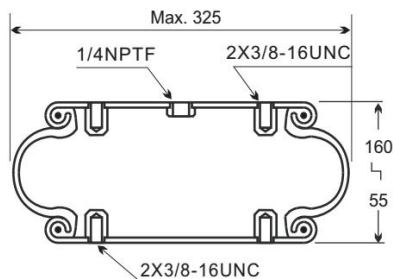
## FP Series Air Springs



Model: FP-1B250/140  
 Maximum Load: 1500kg  
 Maximum Outer Diameter: 250mm  
 Natural Outer Diameter: 220mm  
 Minimum Compressed Height: 57mm  
 Maximum Extended Height: 180mm  
 Air Hole Standard: G1/4 and G3/4  
 Corresponding international model:  
 Firestone : W01-M58-6374  
 Contitech : FS 200-10  
 Phoenix : SP 1B 12  
 Dunlop(FR) : 9"1/4x1 S09101  
 Festo : EB-250-85  
 Norgren : PM/31091(81/4x1)

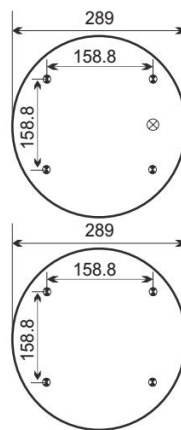
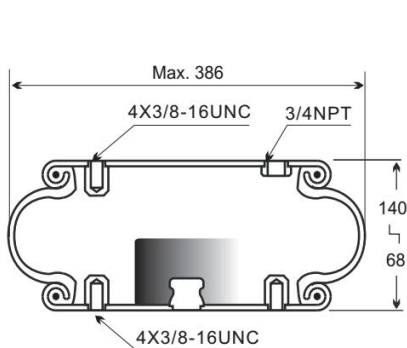


Model: FP-1B250/160  
 Maximum Load: 1500kg  
 Maximum Outer Diameter: 250mm  
 Natural Outer Diameter: 222mm  
 Minimum Compressed Height: 60mm  
 Maximum Extended Height: 160mm  
 Air Hole Standard: 1/4-18NPTF  
 Corresponding international model:  
 Goodyear : 1B9-202

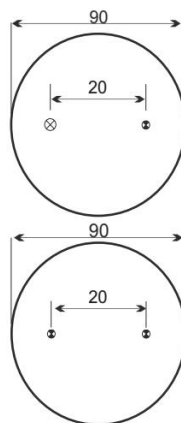
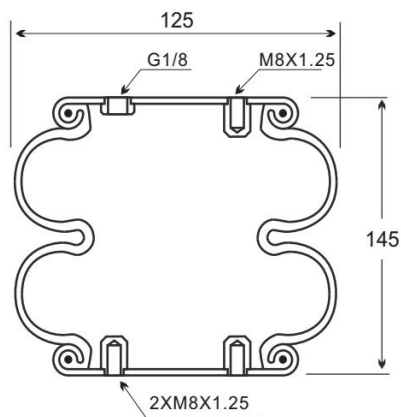


Model: FP-1B325/160  
 Maximum Load: 3500kg  
 Maximum Outer Diameter: 325mm  
 Natural Outer Diameter: 303mm  
 Minimum Compressed Height: 55mm  
 Maximum Extended Height: 160mm  
 Air Hole Standard: 1/4NPTF  
 Corresponding international model:  
 Firestone: W01-358-7008  
 Contitech: FS 330-11 474  
 Goodyear: 1B12-300/313  
 Triangle: 6374/4474  
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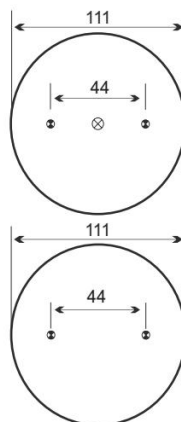
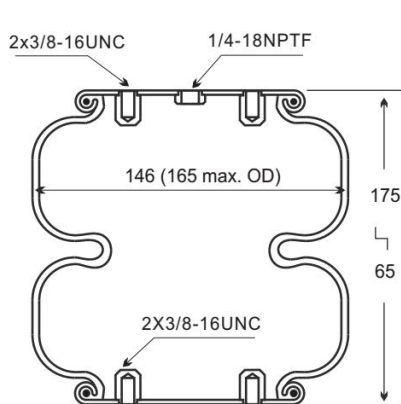
## FP Series Air Springs



Model: FP-1B386/140  
 Maximum Load: 4600kg  
 Maximum Outer Diameter: 386mm  
 Natural Outer Diameter: 360mm  
 Minimum Compressed Height: 68mm  
 Maximum Extended Height: 140mm  
 Air Hole Standard: 3/4NPT  
 Corresponding international model:  
 Firestone: W01-358-7094



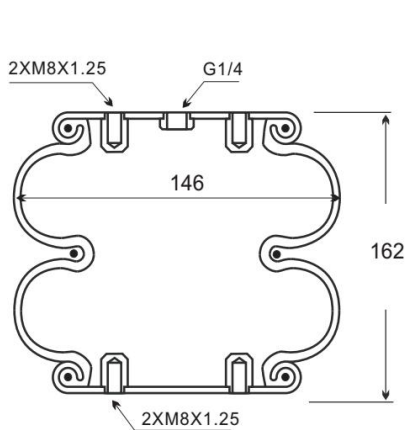
Model: FP-2B145/170  
 Maximum Load: 350kg  
 Maximum Outer Diameter: 145mm  
 Natural Outer Diameter: 125mm  
 Minimum Compressed Height: 65mm  
 Maximum Extended Height: 170mm  
 Air Hole Standard: G1/8  
 Corresponding international model:  
 Contitech: FD 40-10



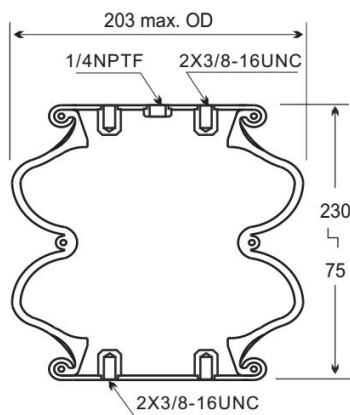
Model: FP-2B165/175  
 Maximum Load: 600kg  
 Maximum Outer Diameter: 165mm  
 Natural Outer Diameter: 152mm  
 Minimum Compressed Height: 65mm  
 Maximum Extended Height: 175mm  
 Air Hole Standard: 1/4-18NPTF  
 Corresponding international model:  
 Firestone : W01-358-7025



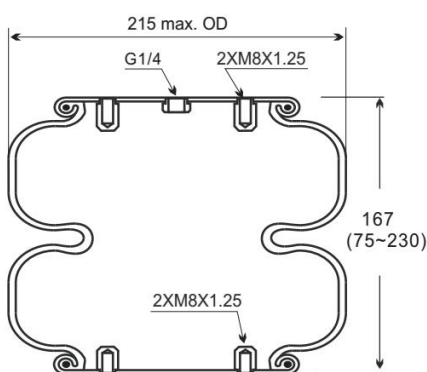
## FP Series Air Springs



Model: FP-2B165/200  
 Maximum Load: 700kg  
 Maximum Outer Diameter: 165mm  
 Natural Outer Diameter: 146mm  
 Minimum Compressed Height: 75mm  
 Maximum Extended Height: 200mm  
 Air Hole Standard: G1/4  
 Corresponding international model:  
 Contitech: FD 70-13

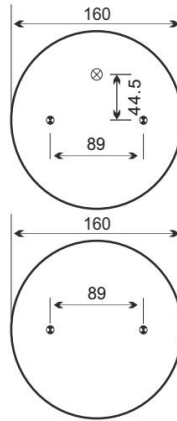
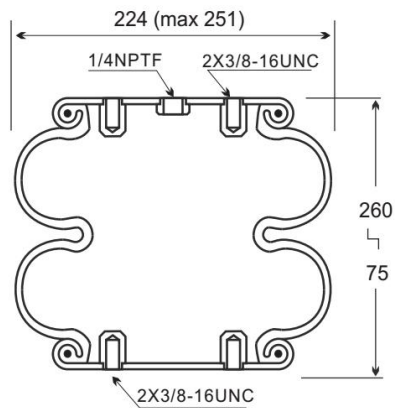


Model: FP-2B203/230  
 Maximum Load: 1200kg  
 Maximum Outer Diameter: 203mm  
 Natural Outer Diameter: 173mm  
 Minimum Compressed Height: 75mm  
 Maximum Extended Height: 230mm  
 Air Hole Standard: 1/4NPTF  
 Corresponding international model:  
 Firestone : W01-358-3400/224  
 Goodyear : 2B7-540  
 American Carrier : 8003-009

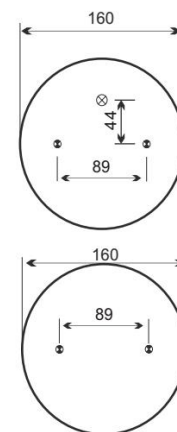
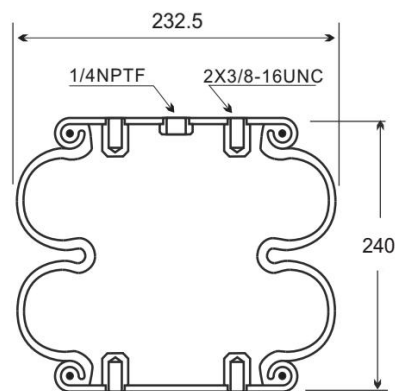


Model: FP-2B215/230  
 Maximum Load: 1200kg  
 Maximum Outer Diameter: 215mm  
 Natural Outer Diameter: 195mm  
 Minimum Compressed Height: 75mm  
 Maximum Extended Height: 230mm  
 Air Hole Standard: G1/4 and G3/4  
 Corresponding international model:  
 Firestone: W01-M58-6353  
 Contitech: FD 120-17  
 Goodyear: 2B-181  
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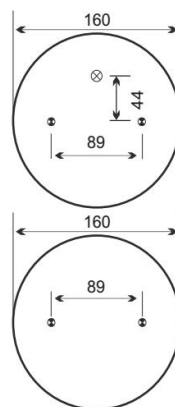
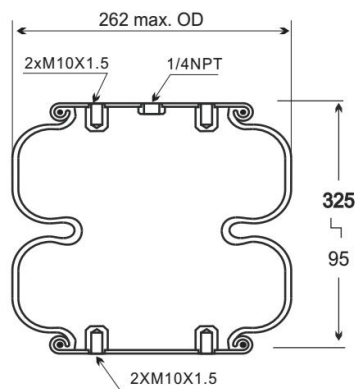
## FP Series Air Springs



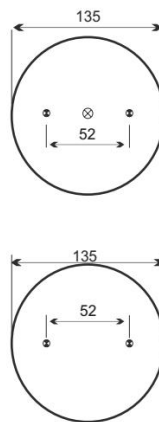
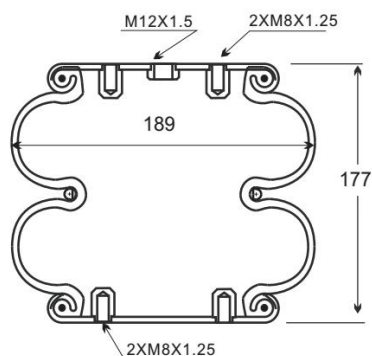
Model: FP-2B250/274  
 Maximum Load: 1500kg  
 Maximum Outer Diameter: 251mm  
 Natural Outer Diameter: 224mm  
 Minimum Compressed Height: 75mm  
 Maximum Extended Height: 260mm  
 Air Hole Standard: 1/4NPTF and G1/4  
 Corresponding international model:  
 Firestone: W01-358-6910  
 Contitech: FD 200-19 320  
 Goodyear: 2B9-200/202/216  
 Triangle: 6325/4320  
 Taurus: KF218-6910



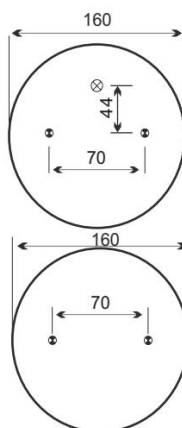
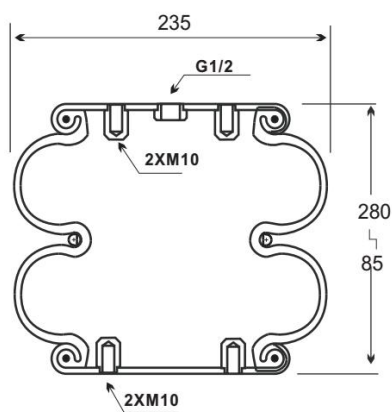
Model: FP-2B262/275  
 Maximum Load: 1900kg  
 Maximum Outer Diameter: 262mm  
 Natural Outer Diameter: 233mm  
 Minimum Compressed Height: 80mm  
 Maximum Extended Height: 275mm  
 Air Hole Standard: 1/4NPTF  
 Corresponding international model:  
 Firestone: W01-358-6951  
 Contitech: FD 200-25



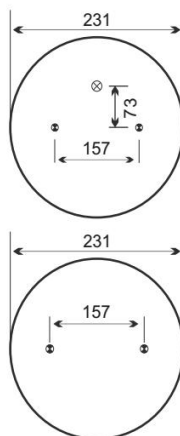
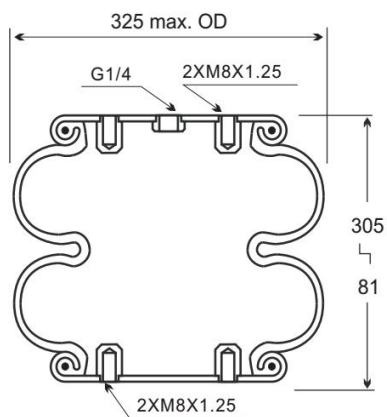
Model: FP-2B262/325  
 Maximum Load: 1900kg  
 Maximum Outer Diameter: 262mm  
 Natural Outer Diameter: 233mm  
 Minimum Compressed Height: 95mm  
 Maximum Extended Height: 325mm  
 Air Hole Standard: 1/4NPT  
 Corresponding international model:  
 Firestone: W01-M58-7679/20C2  
 Dunlop: S0 9280  
 Goodyear: 2B9-269  
 Gart: T291/2B



Model: FP-2B203/260  
 Maximum Load: 1200kg  
 Maximum Outer Diameter: 203mm  
 Natural Outer Diameter: 189mm  
 Minimum Compressed Height: 80mm  
 Maximum Extended Height: 260mm  
 Air Hole Standard: M12\*1.5  
 Corresponding international model:  
 Firestone: W01-358-7325  
 Contitech: FD 120-17 509  
 Goodyear: 2B8-150/153/550  
 Triangle: 6392/4509  
 Sauerl: P10754  
 Hendrickson: NA1821/S14395

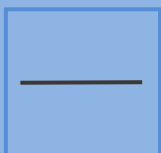


Model: FP-2B235/280  
 Maximum Load: 1500kg  
 Maximum Outer Diameter: 235mm  
 Natural Outer Diameter: 210mm  
 Minimum Compressed Height: 85mm  
 Maximum Extended Height: 280mm  
 Air Hole Standard: G1/2  
 Corresponding international model:

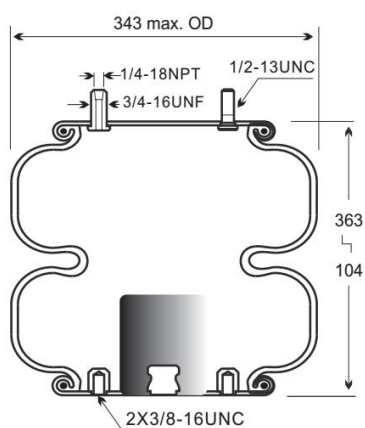


Model: FP-2B325/305  
 Maximum Load: 3500kg  
 Maximum Outer Diameter: 325mm  
 Natural Outer Diameter: 300mm  
 Minimum Compressed Height: 81mm  
 Maximum Extended Height: 305mm  
 Air Hole Standard: G1/4、G1/2、1/4NPTF  
 Corresponding international model:  
 Firestone: W01-358-7180/22  
 Contitech: FD 330-22 363  
 Goodyear: 2B12-425/311  
 Triangle: 6316/4363  
 Aircraft: 115061/3B-356  
 Vibracoustic: VSP2B22R718  
 Hendrickson: 1VA1816

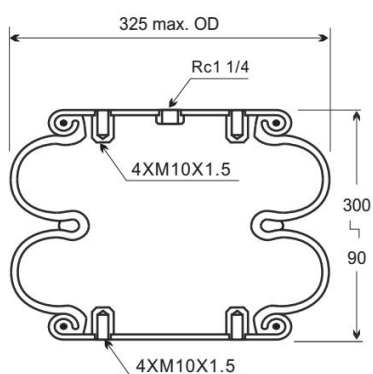




## FP Series Air Springs

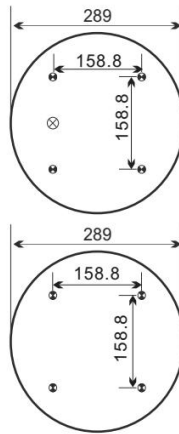
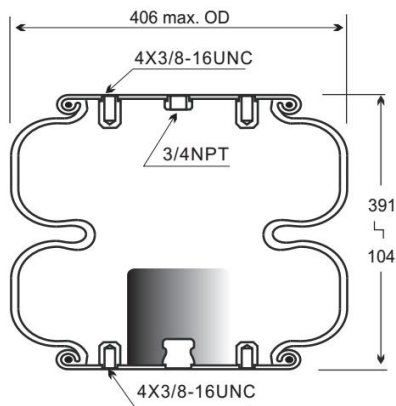


Model: FP-2B343/104  
 Maximum Load: 3630kg  
 Maximum Outer Diameter: 343mm  
 Natural Outer Diameter: 303mm  
 Minimum Compressed Height: 104mm  
 Maximum Extended Height: 363mm  
 Air Hole Standard: 1/4-18NPT 3/4-16UNF  
 Corresponding international model:  
 Firestone: W01-358-7550  
 Contitech: FD 331-26 541  
 Goodyear: 2B12-346/440  
 Triangle: 6375/4480  
 Watson&Chalin: AS-0087  
 Histeer: 10315

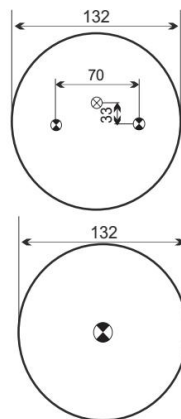
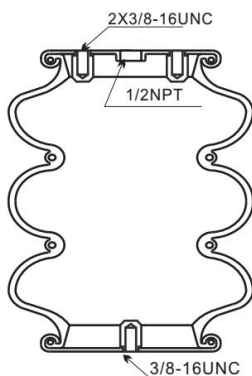


Model: FP-2B406/300  
 Maximum Load: 5000kg  
 Maximum Outer Diameter: 360mm  
 Natural Outer Diameter: 325mm  
 Minimum Compressed Height: 90mm  
 Maximum Extended Height: 300mm  
 Air Hole Standard: Rc1/4  
 Corresponding international model:  
 Firestone: W01-358-7781/233-2  
 Contitech: FD 530-35 545  
 Goodyear: 2B12-427  
 Triangle: 6312  
 Ridewell: 1003587781C

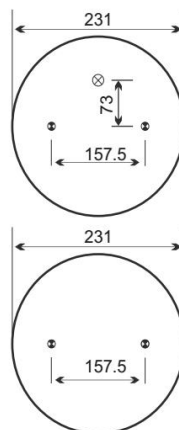
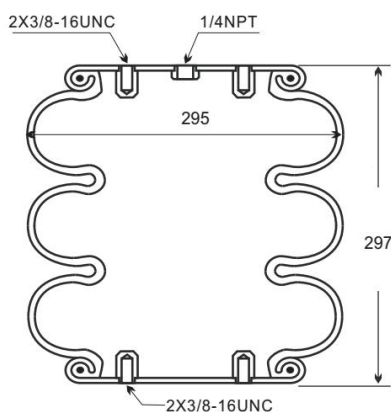
## FP Series Air Springs



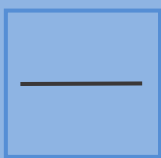
Model: FP-2B406/391  
 Maximum Load: 4500kg  
 Maximum Outer Diameter: 406mm  
 Natural Outer Diameter: 353mm  
 Minimum Compressed Height: 104mm  
 Maximum Extended Height: 391mm  
 Air Hole Standard: 3/4NPT  
 Corresponding international model: Firestone: W01-358-7781  
 Contitech: FD 530-35 545  
 Ridewell: 1003587781C



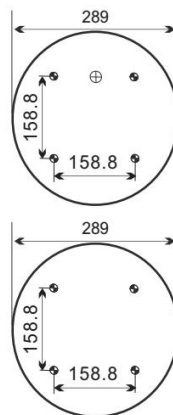
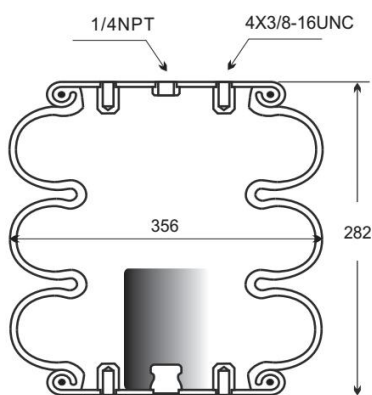
Model: FP-3B203/460  
 Maximum Load: 1200kg  
 Maximum Outer Diameter: 250mm  
 Natural Outer Diameter: 203mm  
 Minimum Compressed Height: 117mm  
 Maximum Extended Height: 460mm  
 Air Hole Standard: 3/8-18NPT  
 Corresponding international model:  
 Firestone: W01-358-7550  
 Contitech: FD 331-26 541  
 Goodyear: 2B12-346/440  
 Triangle: 6375/4480  
 Watson&Chalin: AS-0087  
 Histeer: 10315



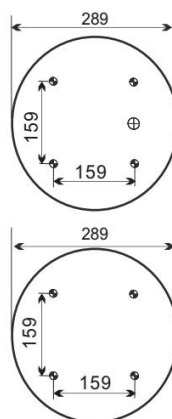
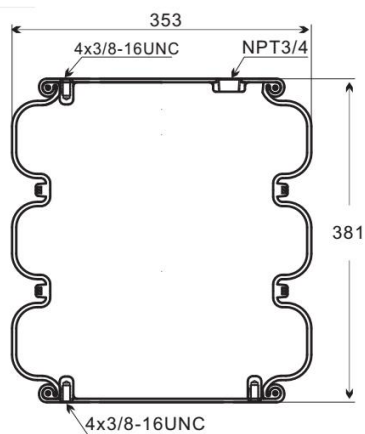
Model: FP-3B330/460  
 Maximum Load: 4000kg  
 Maximum Outer Diameter: 330mm  
 Natural Outer Diameter: 295mm  
 Minimum Compressed Height: 117mm  
 Maximum Extended Height: 460mm  
 Air Hole Standard: 1/4NPT  
 Corresponding international model:  
 Firestone: W01-358-8010  
 Contitech: FT 330-29 432  
 Goodyear: 3B12-301  
 Triangle: 6334/4432  
 Ridewell: 1003588010C  
 Leland: Sc2119



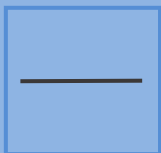
## FP Series Air Springs



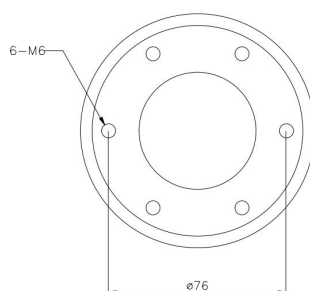
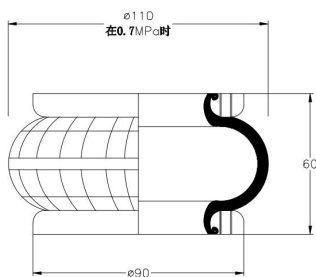
Model: FP-3B410/580  
 Maximum Load: 4100kg  
 Maximum Outer Diameter: 410mm  
 Natural Outer Diameter: 356mm  
 Minimum Compressed Height: 120mm  
 Maximum Extended Height: 508mm  
 Air Hole Standard: 1/4NPT  
 Corresponding international model:  
 Firestone: W01-358-7808/313  
 Contitech: FD 330-22 364  
 Goodyear: 2B12-313/459  
 Triangle: 6319/4336  
 Brake & Wheel: M3533  
 El Ride: 8030170



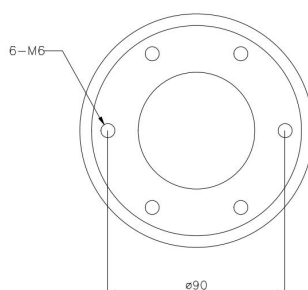
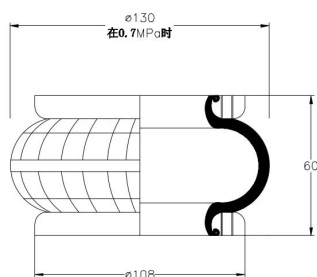
Model: FP-3B406/520  
 Maximum Load: 4100kg  
 Maximum Outer Diameter: 406mm  
 Natural Outer Diameter: 353mm  
 Minimum Compressed Height: 180mm  
 Maximum Extended Height: 520mm  
 Air Hole Standard: NPT3/4  
 Corresponding international model:



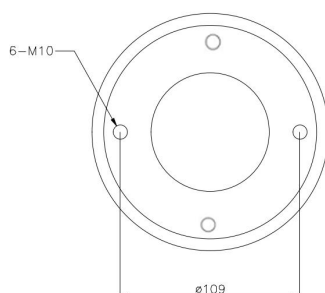
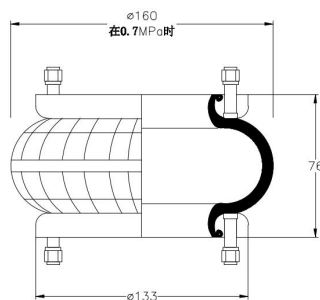
## F Series Air Springs



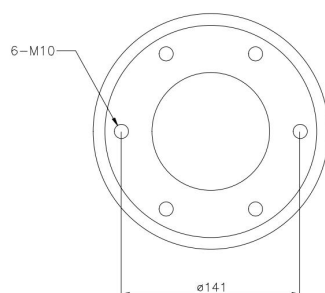
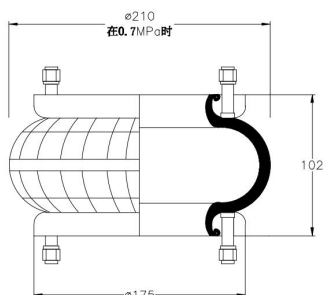
Model: FS080/060-1  
Maximum Load: 317kg  
Maximum Outer Diameter: 110mm  
Natural Outer Diameter: 86mm  
Minimum Compressed Height: 42mm  
Maximum Extended Height: 90mm  
The weight of the component: 1kg



Model: FS120/060-1  
Maximum Load: 742kg  
Maximum Outer Diameter: 130mm  
Natural Outer Diameter: 120mm  
Minimum Compressed Height: 42mm  
Maximum Extended Height: 65mm  
The weight of the component: 1.6kg

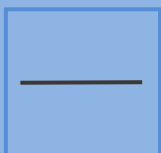


Model: FS150/076-1  
Maximum Load: 1155kg  
Maximum Outer Diameter: 160mm  
Natural Outer Diameter: 150mm  
Minimum Compressed Height: 45mm  
Maximum Extended Height: 85mm  
The weight of the component: 1.4kg

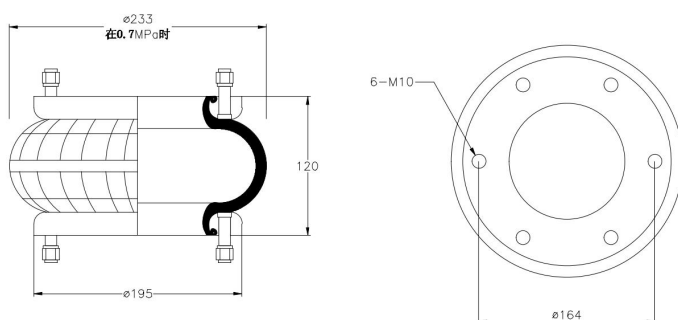


Model: FS188/102-2  
Maximum Load: 1871kg  
Maximum Outer Diameter: 210mm  
Natural Outer Diameter: 188mm  
Minimum Compressed Height: 52mm  
Maximum Extended Height: 117mm  
The weight of the component: 2.25kg

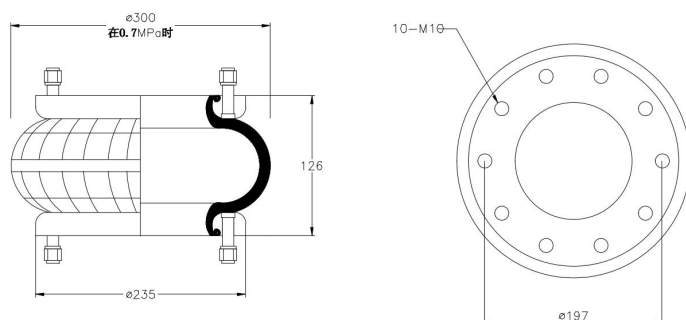




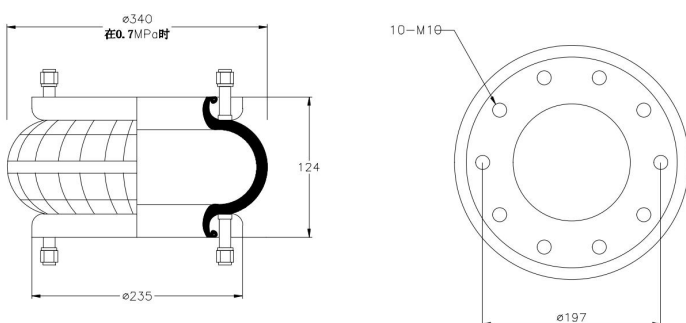
## F Series Air Springs



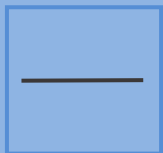
Model: FS215/120-1  
 Maximum Load: 2459kg  
 Maximum Outer Diameter: 233mm  
 Natural Outer Diameter: 215mm  
 Minimum Compressed Height: 42mm  
 Maximum Extended Height: 140mm  
 The weight of the component: 2.9kg



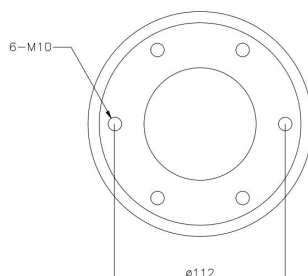
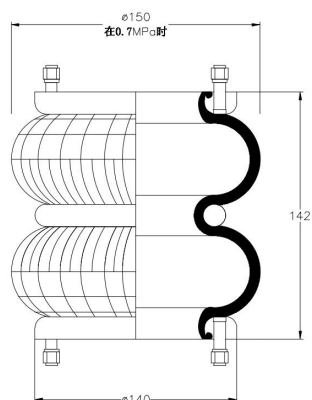
Model: FS280/126-1  
 Maximum Load: 3799kg  
 Maximum Outer Diameter: 300mm  
 Natural Outer Diameter: 280mm  
 Minimum Compressed Height: 60mm  
 Maximum Extended Height: 144mm  
 The weight of the component: 3.75kg



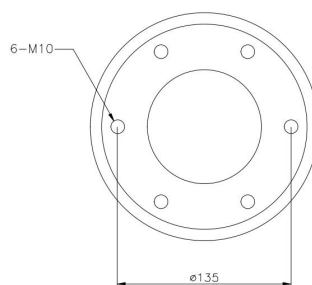
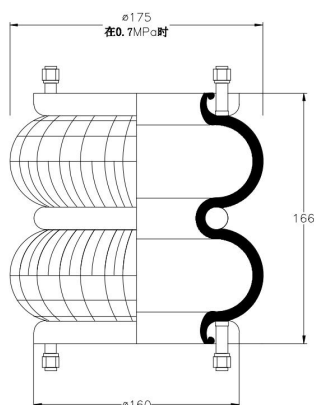
Model: FS320/124-1  
 Maximum Load: 4177kg  
 Maximum Outer Diameter: 340mm  
 Natural Outer Diameter: 320mm  
 Minimum Compressed Height: 60mm  
 Maximum Extended Height: 142mm  
 The weight of the component: 3.9kg



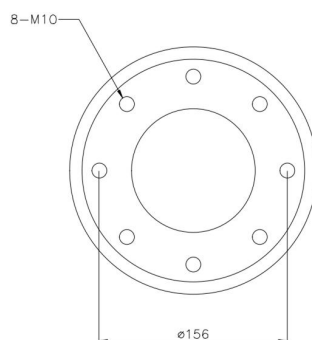
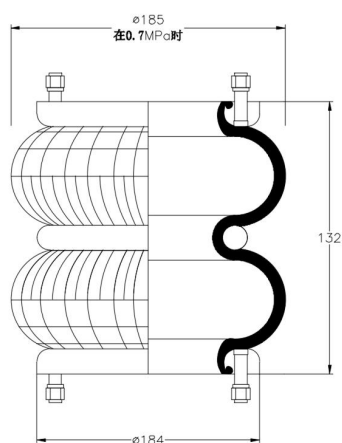
## F Series Air Springs



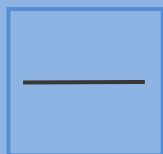
Model: FD130/142-2  
Maximum Load: 756kg  
Maximum Outer Diameter: 150mm  
Natural Outer Diameter: 130mm  
Minimum Compressed Height: 72mm  
Maximum Extended Height: 162mm  
The weight of the component: 4.4kg



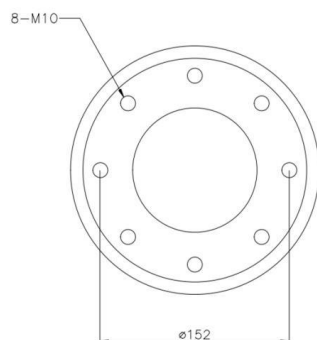
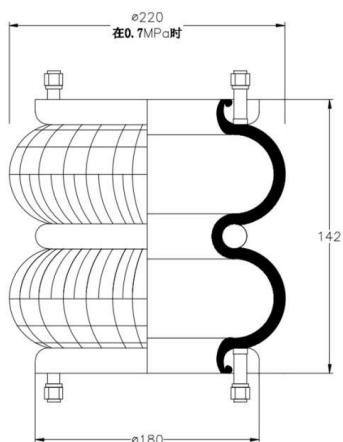
Model: FD160/166-2  
Maximum Load: 1251kg  
Maximum Outer Diameter: 175mm  
Natural Outer Diameter: 160mm  
Minimum Compressed Height: 82mm  
Maximum Extended Height: 190mm  
The weight of the component: 2.35kg



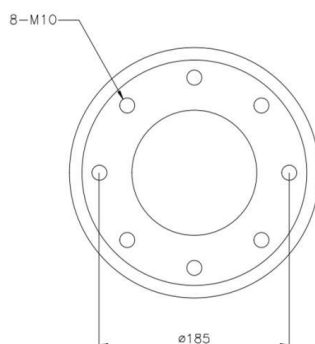
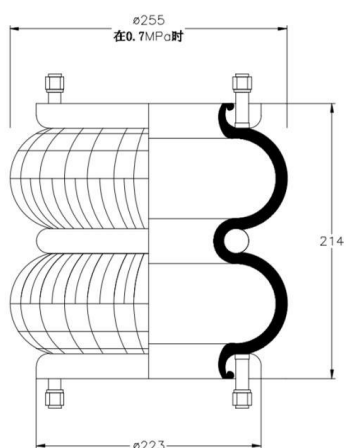
Model: FD168/132-2  
Maximum Load: 1281kg  
Maximum Outer Diameter: 185mm  
Natural Outer Diameter: 168mm  
Minimum Compressed Height: 72mm  
Maximum Extended Height: 151mm  
The weight of the component: 2.2kg



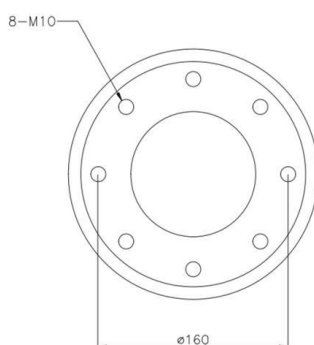
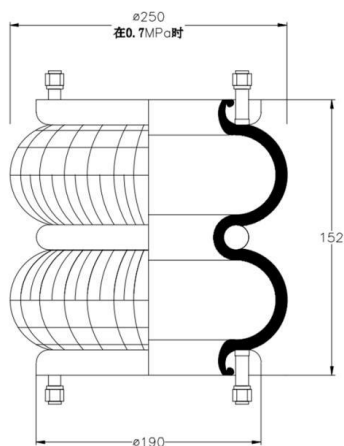
## F Series Air Springs



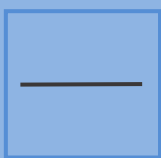
Model: FD200/142-2  
Maximum Load: 1797kg  
Maximum Outer Diameter: 220mm  
Natural Outer Diameter: 200mm  
Minimum Compressed Height: 78mm  
Maximum Extended Height: 162mm  
The weight of the component: 3.1kg



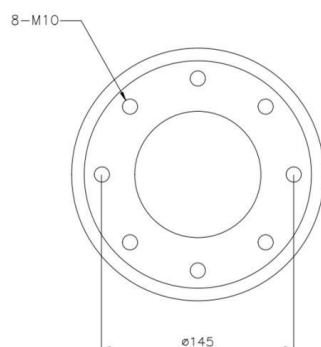
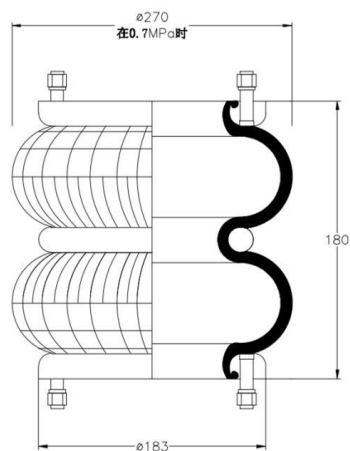
Model: FD230/214-2  
Maximum Load: 2941kg  
Maximum Outer Diameter: 255mm  
Natural Outer Diameter: 2230mm  
Minimum Compressed Height: 88mm  
Maximum Extended Height: 246mm  
The weight of the component: 4.1kg



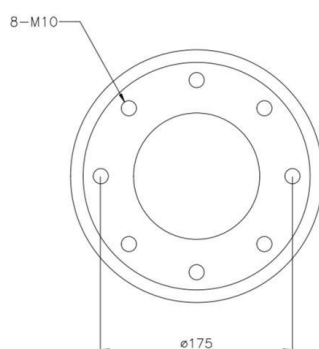
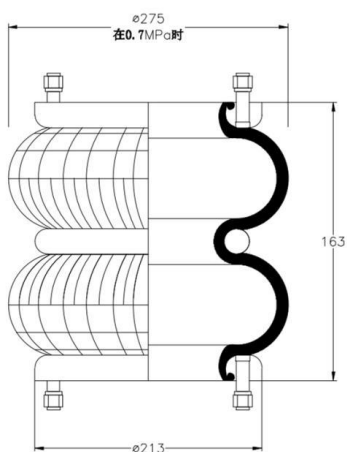
Model: FD235/152-2  
Maximum Load: 2493kg  
Maximum Outer Diameter: 250mm  
Natural Outer Diameter: 235mm  
Minimum Compressed Height: 76mm  
Maximum Extended Height: 174mm  
The weight of the component: 3.3kg



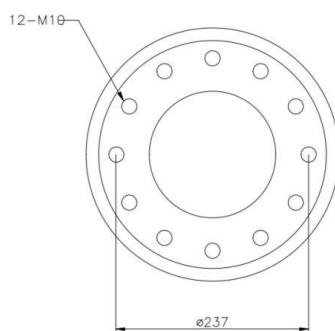
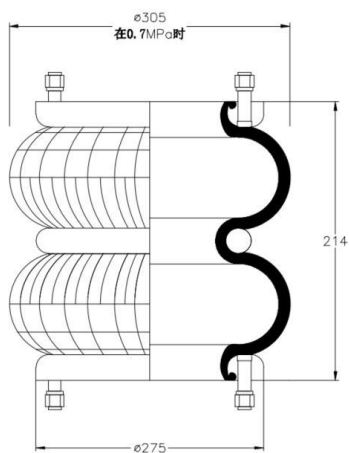
## F Series Air Springs



Model: FD250/180-2  
Maximum Load: 2610kg  
Maximum Outer Diameter: 270mm  
Natural Outer Diameter: 250mm  
Minimum Compressed Height: 84mm  
Maximum Extended Height: 206mm  
The weight of the component: 4kg



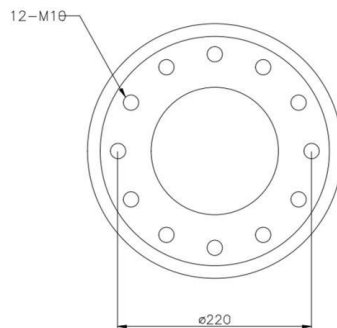
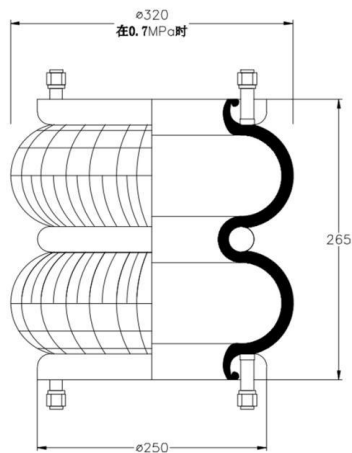
Model: FD252/163-2  
Maximum Load: 2632kg  
Maximum Outer Diameter: 275mm  
Natural Outer Diameter: 252mm  
Minimum Compressed Height: 80mm  
Maximum Extended Height: 238mm  
The weight of the component: 4.2kg



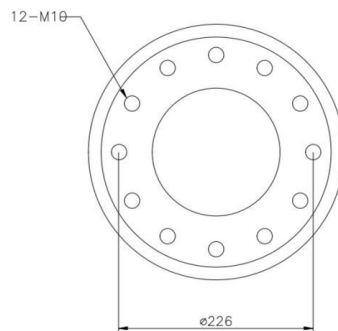
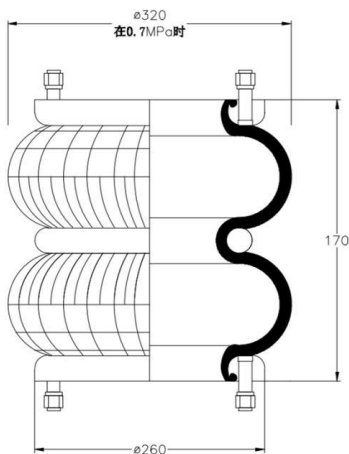
Model: FD280/214-2  
Maximum Load: 4361kg  
Maximum Outer Diameter: 305mm  
Natural Outer Diameter: 280mm  
Minimum Compressed Height: 88mm  
Maximum Extended Height: 246mm  
The weight of the component: 5.6kg



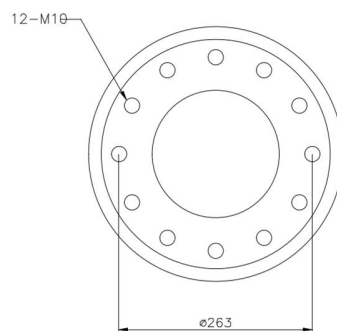
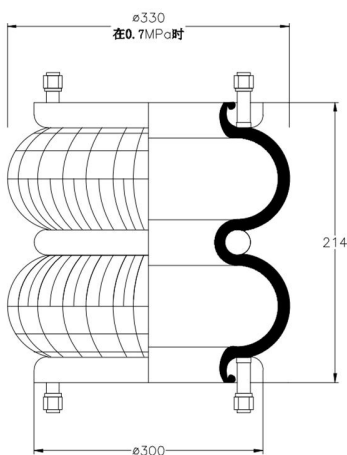
## F Series Air Springs



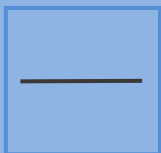
Model: FD290/265-2  
 Maximum Load: 3479kg  
 Maximum Outer Diameter: 320mm  
 Natural Outer Diameter: 290mm  
 Minimum Compressed Height: 90mm  
 Maximum Extended Height: 303mm  
 The weight of the component: 6.55kg



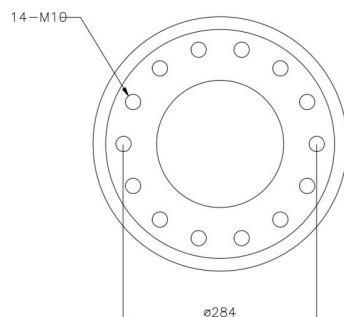
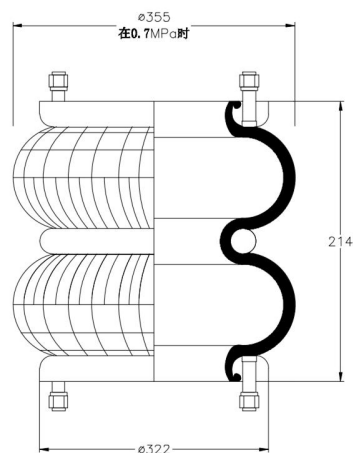
Model: FD300/170-2  
 Maximum Load: 4309kg  
 Maximum Outer Diameter: 320mm  
 Natural Outer Diameter: 300mm  
 Minimum Compressed Height: 85mm  
 Maximum Extended Height: 195mm  
 The weight of the component: 5.35kg



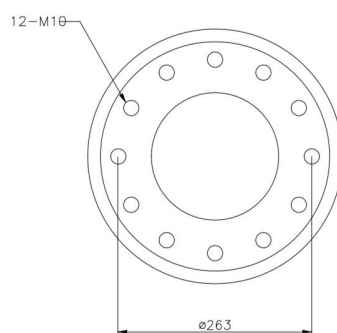
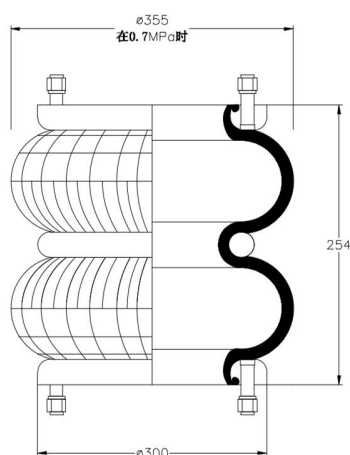
Model: FD310/214-2  
 Maximum Load: 5270kg  
 Maximum Outer Diameter: 330mm  
 Natural Outer Diameter: 310mm  
 Minimum Compressed Height: 88mm  
 Maximum Extended Height: 245mm  
 The weight of the component: 7kg



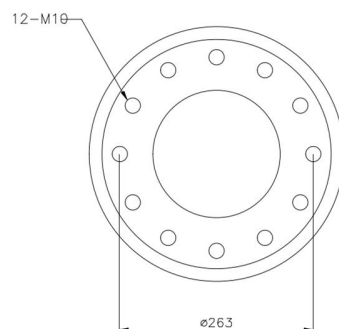
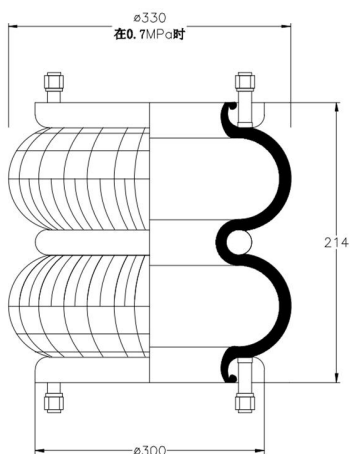
## F Series Air Springs



Model: FD330/214-2  
Maximum Load: 5966kg  
Maximum Outer Diameter: 355mm  
Natural Outer Diameter: 330mm  
Minimum Compressed Height: 88mm  
Maximum Extended Height: 246mm  
The weight of the component: 7.8kg

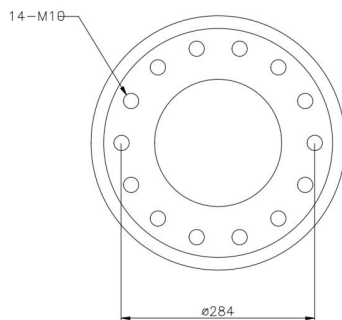
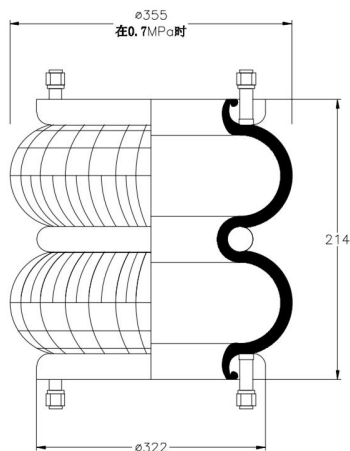


Model: FD330/254-2  
Maximum Load: 5762kg  
Maximum Outer Diameter: 355mm  
Natural Outer Diameter: 330mm  
Minimum Compressed Height: 90mm  
Maximum Extended Height: 295mm  
The weight of the component: 7.24kg

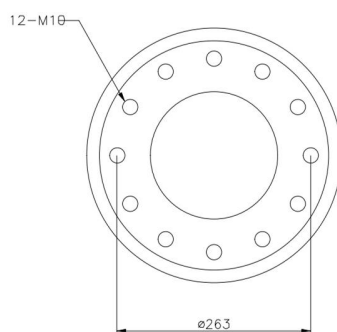
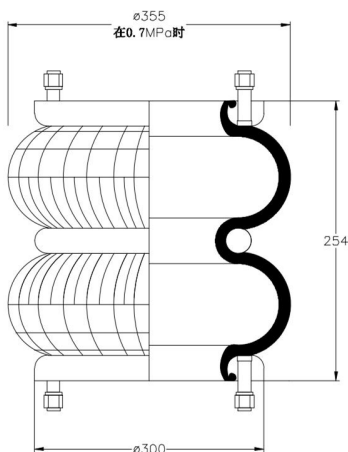


Model: FD350/255-2  
Maximum Load: 5270kg  
Maximum Outer Diameter: 330mm  
Natural Outer Diameter: 310mm  
Minimum Compressed Height: 88mm  
Maximum Extended Height: 245mm  
The weight of the component: 7kg

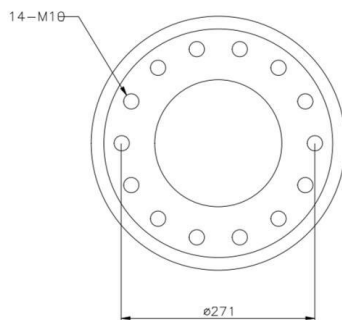
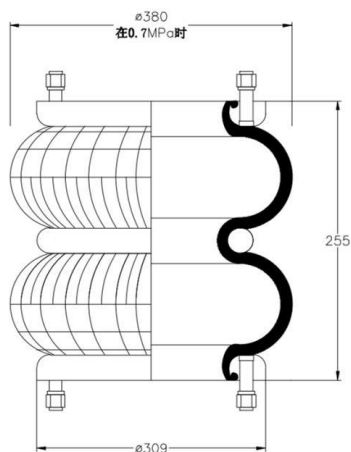
## F Series Air Springs



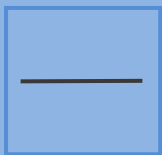
Model: FD360/214-2  
 Maximum Load: 5966kg  
 Maximum Outer Diameter: 355mm  
 Natural Outer Diameter: 330mm  
 Minimum Compressed Height: 88mm  
 Maximum Extended Height: 246mm  
 The weight of the component: 7.8kg



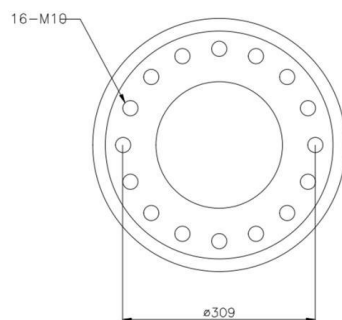
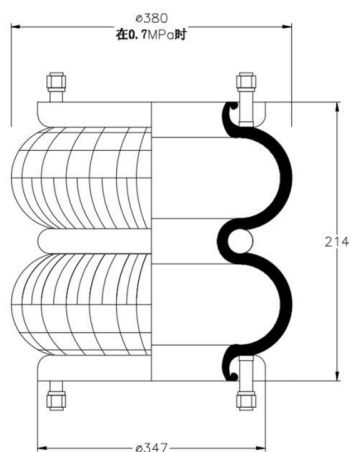
Model: FD380/221-2  
 Maximum Load: 5762kg  
 Maximum Outer Diameter: 355mm  
 Natural Outer Diameter: 330mm  
 Minimum Compressed Height: 90mm  
 Maximum Extended Height: 295mm  
 The weight of the component: 7.24kg



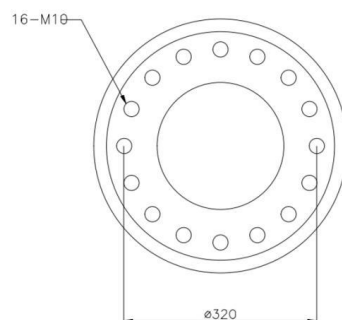
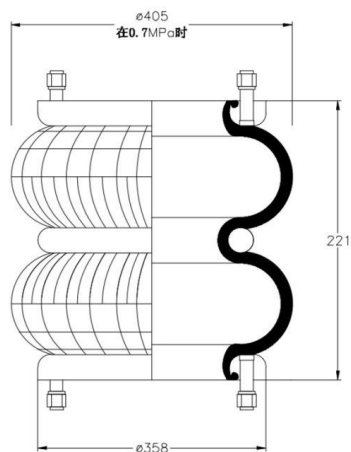
Model: FD350/255-2  
 Maximum Load: 6381kg  
 Maximum Outer Diameter: 380mm  
 Natural Outer Diameter: 350mm  
 Minimum Compressed Height: 90mm  
 Maximum Extended Height: 295mm  
 The weight of the component: 8.2kg



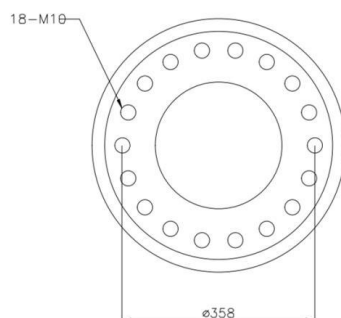
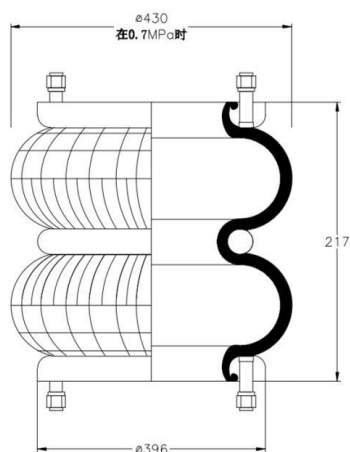
## F Series Air Springs



Model: FD360/214-2  
Maximum Load: 5900kg  
Maximum Outer Diameter: 380mm  
Natural Outer Diameter: 360mm  
Minimum Compressed Height: 88mm  
Maximum Extended Height: 246mm  
The weight of the component: 7.9kg

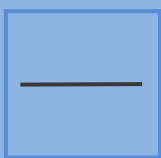


Model: FD380/221-2  
Maximum Load: 7697kg  
Maximum Outer Diameter: 405mm  
Natural Outer Diameter: 380mm  
Minimum Compressed Height: 90mm  
Maximum Extended Height: 255mm  
The weight of the component: 8.5kg

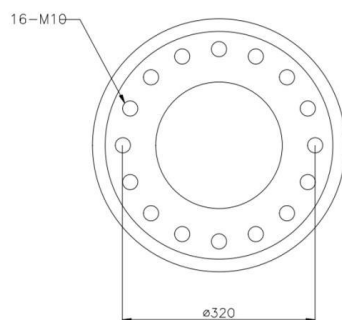
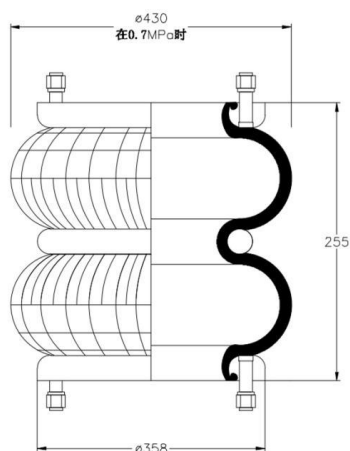


Model: FD400/217-2  
Maximum Load: 8958kg  
Maximum Outer Diameter: 430mm  
Natural Outer Diameter: 400mm  
Minimum Compressed Height: 90mm  
Maximum Extended Height: 249mm  
The weight of the component: 11.1kg

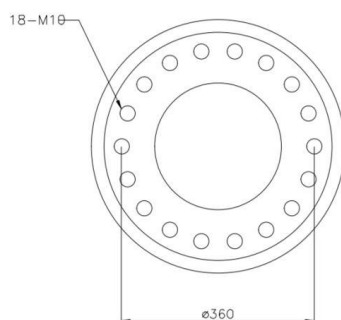
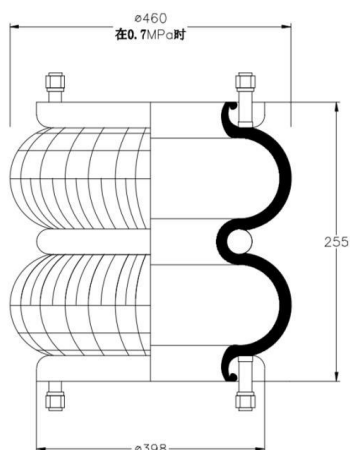




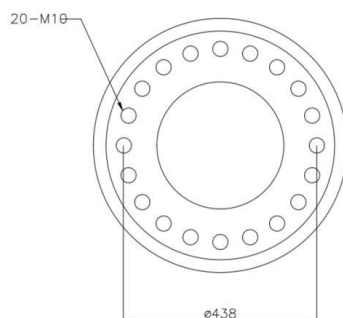
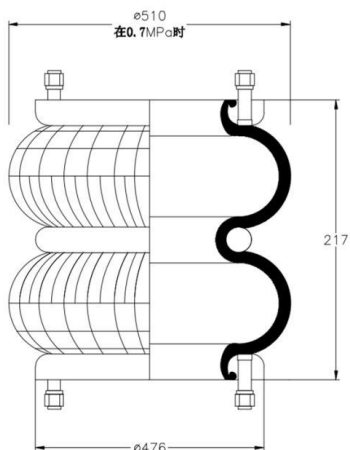
## F Series Air Springs



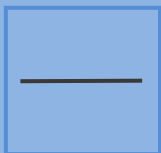
Model: FD400/255-2  
Maximum Load: 8254kg  
Maximum Outer Diameter: 430mm  
Natural Outer Diameter: 400mm  
Minimum Compressed Height: 90mm  
Maximum Extended Height: 295mm  
The weight of the component: 10.4kg



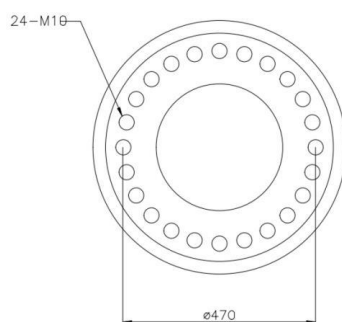
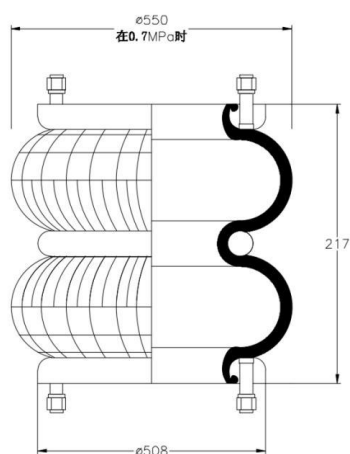
Model: FD430/255-2  
Maximum Load: 9838kg  
Maximum Outer Diameter: 460mm  
Natural Outer Diameter: 430mm  
Minimum Compressed Height: 90mm  
Maximum Extended Height: 295mm  
The weight of the component: 10.2kg



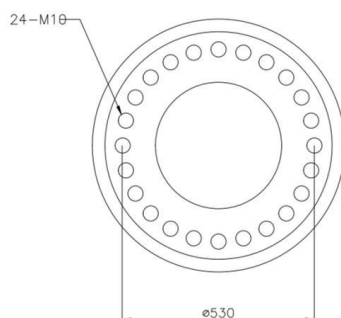
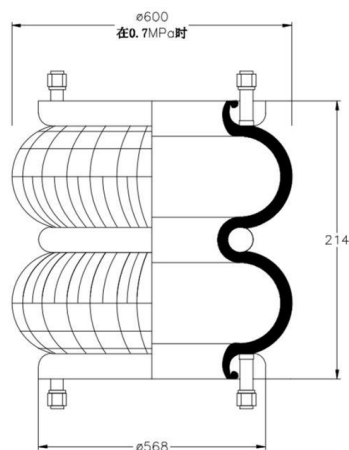
Model: FD480/217-2  
Maximum Load: 13528kg  
Maximum Outer Diameter: 510mm  
Natural Outer Diameter: 480mm  
Minimum Compressed Height: 90mm  
Maximum Extended Height: 249mm  
The weight of the component: 13.8kg



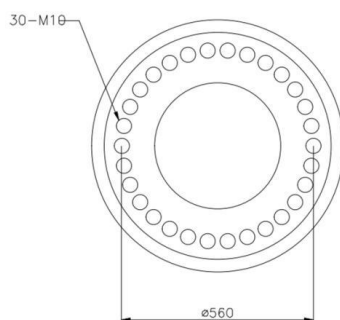
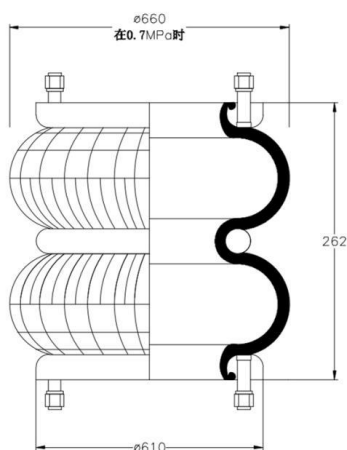
## F Series Air Springs



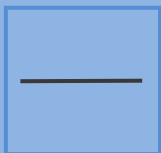
Model: FD520/217-2  
Maximum Load: 14442kg  
Maximum Outer Diameter: 550mm  
Natural Outer Diameter: 520mm  
Minimum Compressed Height: 90mm  
Maximum Extended Height: 249mm  
The weight of the component: 14.5kg



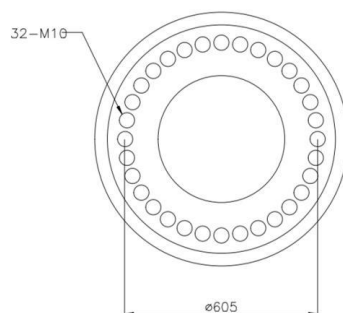
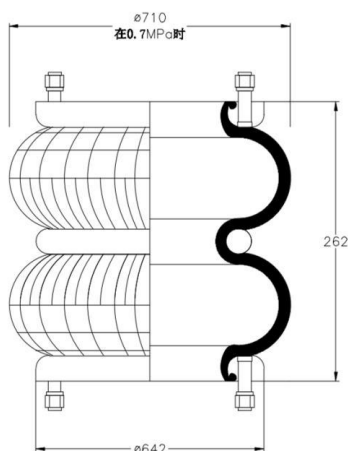
Model: FD580/214-2  
Maximum Load: 18191kg  
Maximum Outer Diameter: 600mm  
Natural Outer Diameter: 580mm  
Minimum Compressed Height: 88mm  
Maximum Extended Height: 246mm  
The weight of the component: 13.3kg



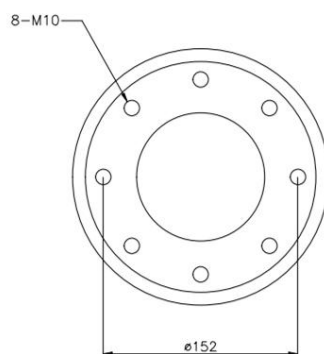
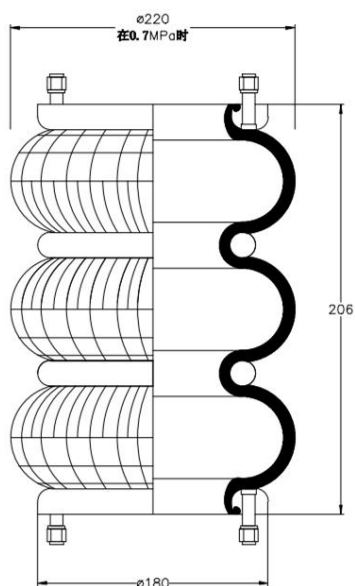
Model: FD630/262-2  
Maximum Load: 22277kg  
Maximum Outer Diameter: 660mm  
Natural Outer Diameter: 620mm  
Minimum Compressed Height: 90mm  
Maximum Extended Height: 300mm  
The weight of the component: 20kg



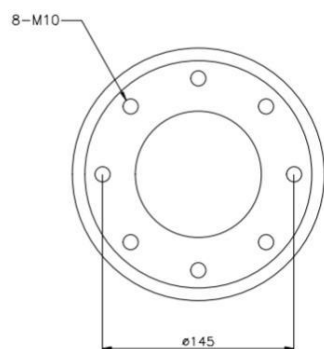
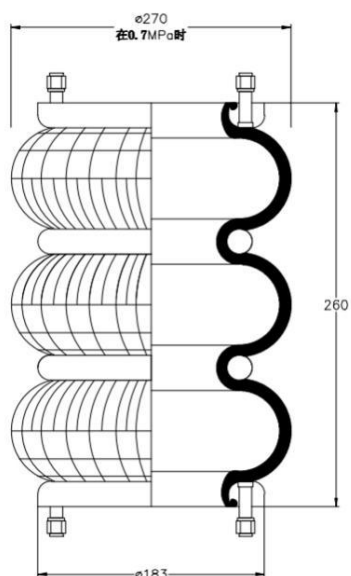
## F Series Air Springs



Model: FD680/262-2  
Maximum Load: 24914kg  
Maximum Outer Diameter: 710mm  
Natural Outer Diameter: 680mm  
Minimum Compressed Height: 90mm  
Maximum Extended Height: 302mm  
The weight of the component: 18.6kg

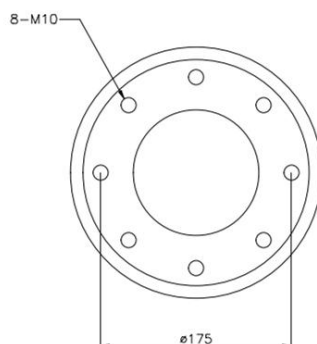
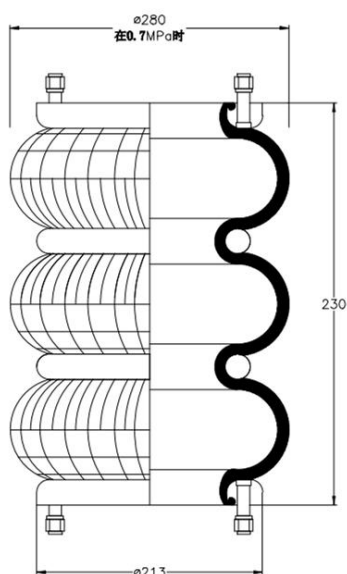


Model: FT200/206-3  
Maximum Load: 18191kg  
Maximum Outer Diameter: 600mm  
Natural Outer Diameter: 580mm  
Minimum Compressed Height: 88mm  
Maximum Extended Height: 246mm  
The weight of the component: 13.3kg

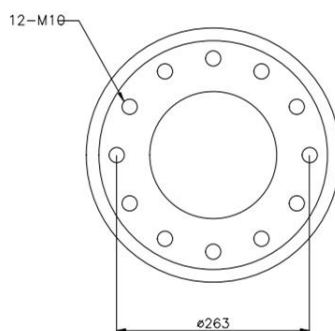
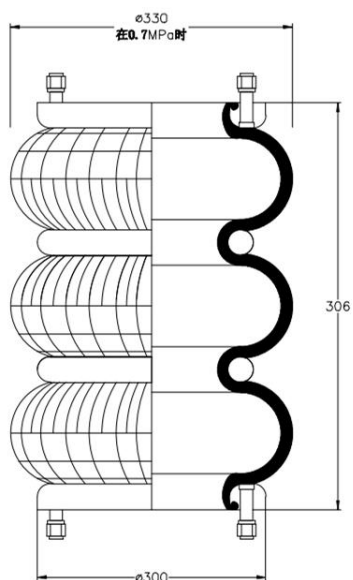


Model: FT250/260-3  
Maximum Load: 2672kg  
Maximum Outer Diameter: 270mm  
Natural Outer Diameter: 250mm  
Minimum Compressed Height: 116mm  
Maximum Extended Height: 299mm  
The weight of the component: 5.5kg

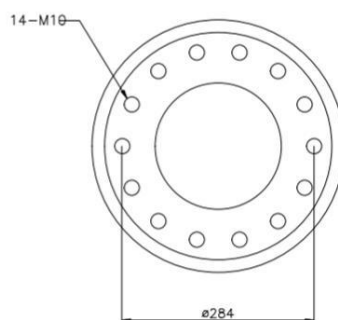
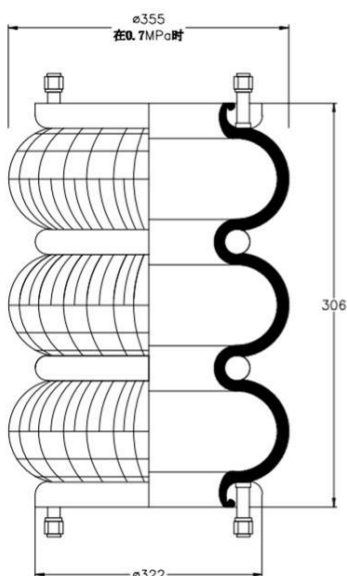
## F Series Air Springs



Model: FT255/230-3  
 Maximum Load: 2545kg  
 Maximum Outer Diameter: 280mm  
 Natural Outer Diameter: 255mm  
 Minimum Compressed Height: 116mm  
 Maximum Extended Height: 264mm  
 The weight of the component: 5.55kg



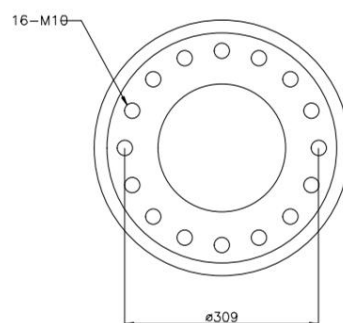
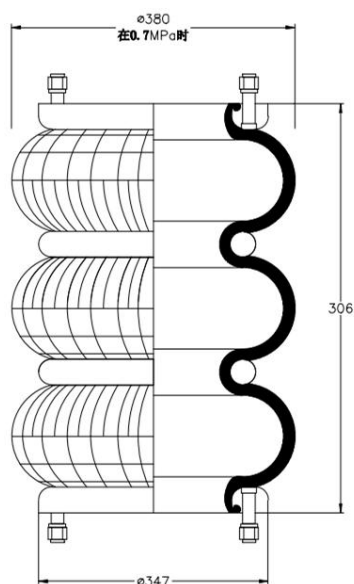
Model: FT310/306-3  
 Maximum Load: 5130kg  
 Maximum Outer Diameter: 330mm  
 Natural Outer Diameter: 310mm  
 Minimum Compressed Height: 120mm  
 Maximum Extended Height: 354mm  
 The weight of the component: 7.3kg



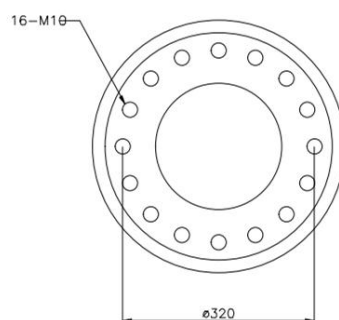
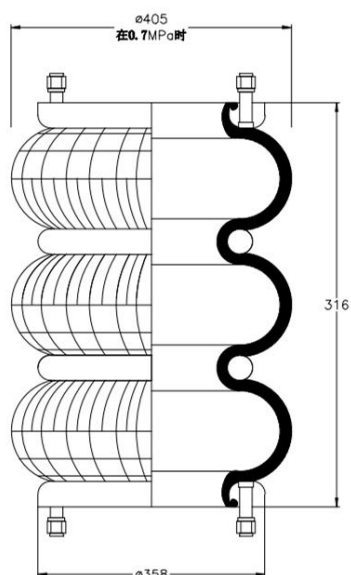
Model: FT330/306-3  
 Maximum Load: 5993kg  
 Maximum Outer Diameter: 355mm  
 Natural Outer Diameter: 330mm  
 Minimum Compressed Height: 120mm  
 Maximum Extended Height: 354mm  
 The weight of the component: 8.7kg



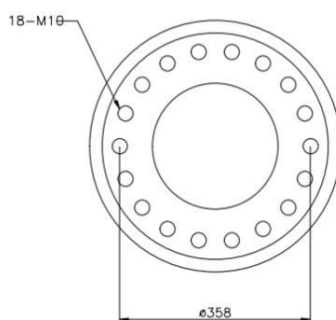
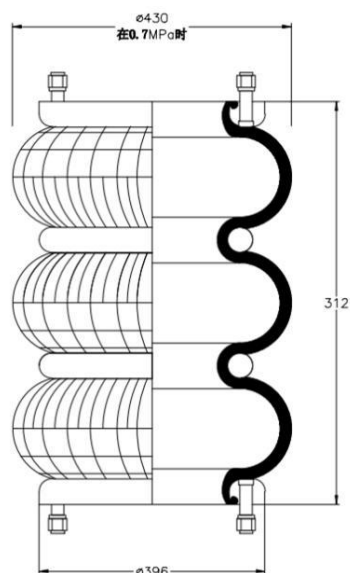
## F Series Air Springs



Model: FT360/306-3  
 Maximum Load: 6560kg  
 Maximum Outer Diameter: 380mm  
 Natural Outer Diameter: 360mm  
 Minimum Compressed Height: 122mm  
 Maximum Extended Height: 360mm  
 The weight of the component: 8.25kg

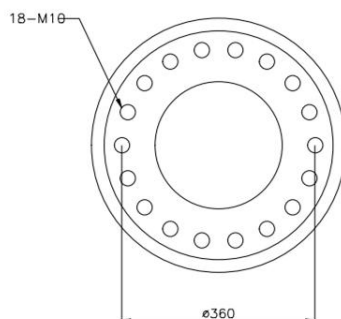
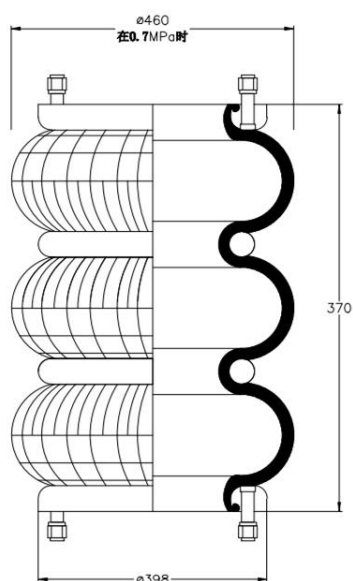


Model: FT380/316-3  
 Maximum Load: 7684kg  
 Maximum Outer Diameter: 405mm  
 Natural Outer Diameter: 380mm  
 Minimum Compressed Height: 122mm  
 Maximum Extended Height: 365mm  
 The weight of the component: 11kg

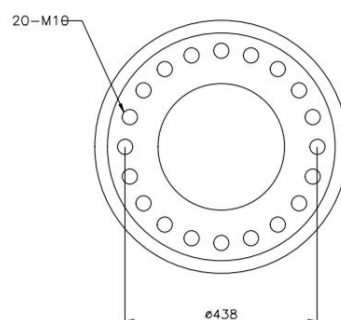
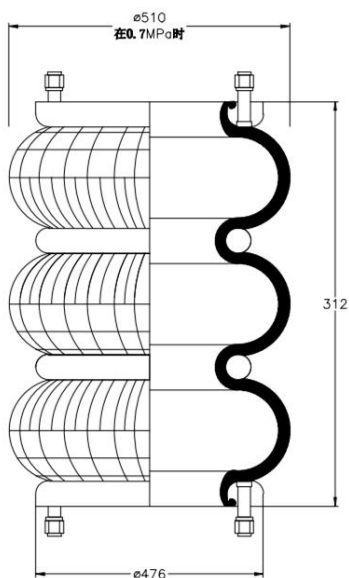


Model: FT400/312-3  
 Maximum Load: 8968kg  
 Maximum Outer Diameter: 430mm  
 Natural Outer Diameter: 400mm  
 Minimum Compressed Height: 122mm  
 Maximum Extended Height: 360mm  
 The weight of the component: 12kg

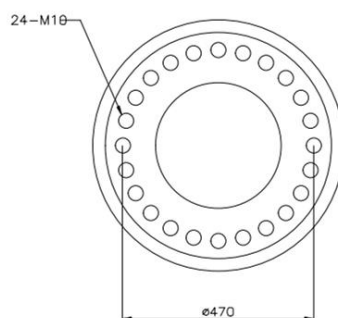
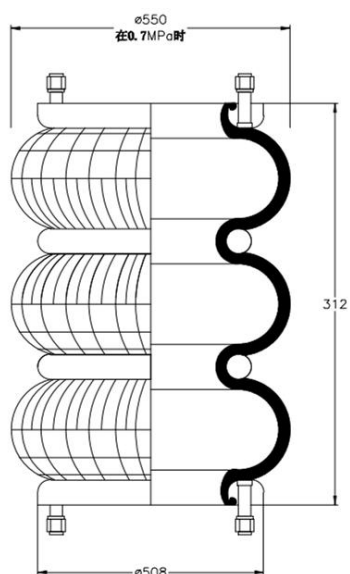
## F Series Air Springs



Model: FT430/370-3  
 Maximum Load: 9892kg  
 Maximum Outer Diameter: 460mm  
 Natural Outer Diameter: 430mm  
 Minimum Compressed Height: 122mm  
 Maximum Extended Height: 430mm  
 The weight of the component: 14kg

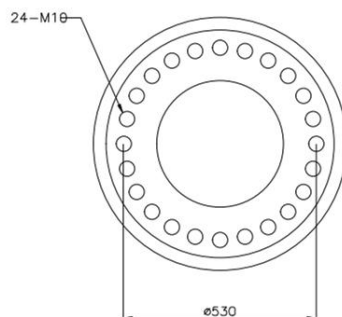
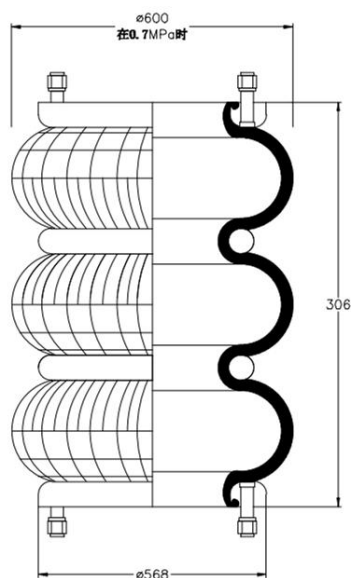


Model: FT480/312-3  
 Maximum Load: 12930kg  
 Maximum Outer Diameter: 510mm  
 Natural Outer Diameter: 480mm  
 Minimum Compressed Height: 122mm  
 Maximum Extended Height: 360mm  
 The weight of the component: 16.5kg

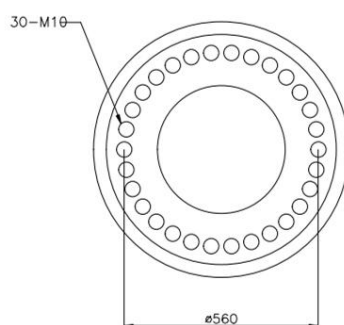
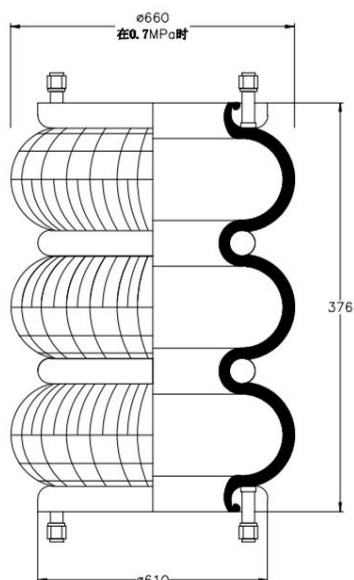


Model: FT520/312-3  
 Maximum Load: 14654kg  
 Maximum Outer Diameter: 550mm  
 Natural Outer Diameter: 520mm  
 Minimum Compressed Height: 122mm  
 Maximum Extended Height: 360mm  
 The weight of the component: 20kg

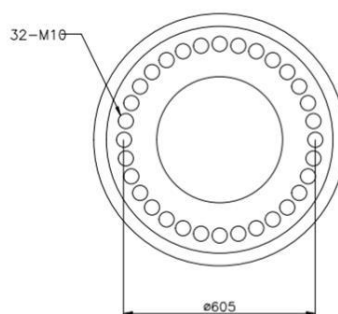
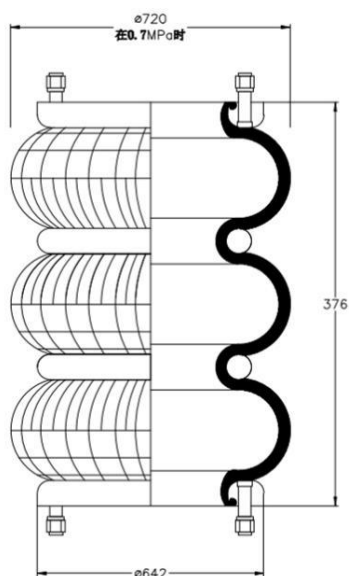
## F Series Air Springs



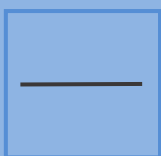
Model: FT580/306-3  
 Maximum Load: 18289kg  
 Maximum Outer Diameter: 600mm  
 Natural Outer Diameter: 580mm  
 Minimum Compressed Height: 118mm  
 Maximum Extended Height: 354mm  
 The weight of the component: 19kg



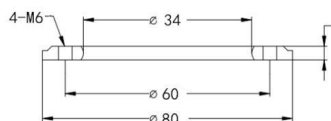
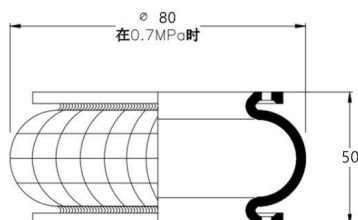
Model: FT630/376-3  
 Maximum Load: 22048kg  
 Maximum Outer Diameter: 660mm  
 Natural Outer Diameter: 630mm  
 Minimum Compressed Height: 122mm  
 Maximum Extended Height: 436mm  
 The weight of the component: 24kg



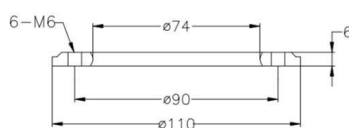
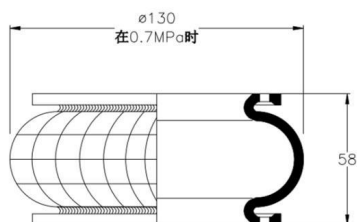
Model: FT680/376-3  
 Maximum Load: 25044kg  
 Maximum Outer Diameter: 720mm  
 Natural Outer Diameter: 680mm  
 Minimum Compressed Height: 122mm  
 Maximum Extended Height: 436mm  
 The weight of the component: 28kg



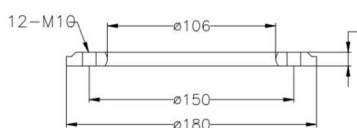
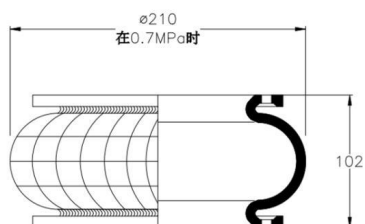
## GF Series Air Springs



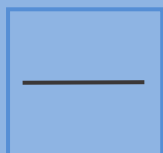
Model: GF40/60-1  
 Maximum Load: 88kg  
 Maximum Outer Diameter: 80mm  
 Natural Outer Diameter: 80mm  
 Minimum Compressed Height: 40mm  
 Maximum Extended Height: 70mm  
 The weight of the component: 0.1kg



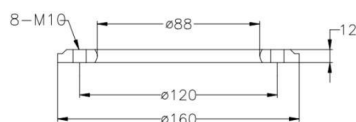
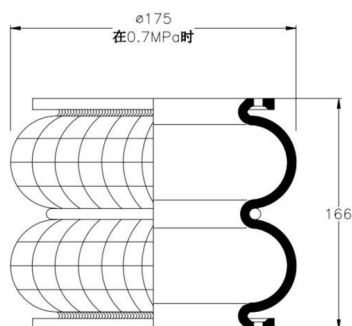
Model: GF120/058-1  
 Maximum Load: 742kg  
 Maximum Outer Diameter: 130mm  
 Natural Outer Diameter: 130mm  
 Minimum Compressed Height: 34mm  
 Maximum Extended Height: 66mm  
 The weight of the component: 0.18kg



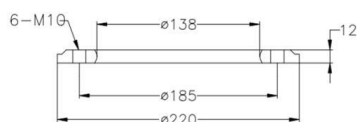
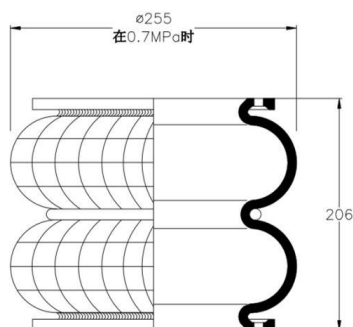
Model: GF188/102-1  
 Maximum Load: 1871kg  
 Maximum Outer Diameter: 210mm  
 Natural Outer Diameter: 188mm  
 Minimum Compressed Height: 50mm  
 Maximum Extended Height: 116mm  
 The weight of the component: 0.55kg



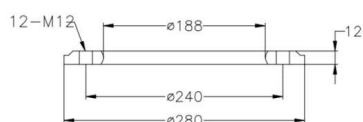
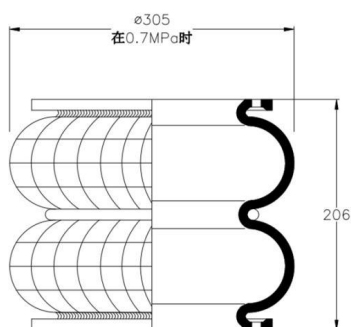
## GF Series Air Springs



Model: GF160/166-2  
Maximum Load: 1251kg  
Maximum Outer Diameter: 175mm  
Natural Outer Diameter: 160mm  
Minimum Compressed Height: 74mm  
Maximum Extended Height: 190mm  
The weight of the component: 1kg

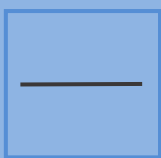


Model: GF230/206-2  
Maximum Load: 2941kg  
Maximum Outer Diameter: 255mm  
Natural Outer Diameter: 230mm  
Minimum Compressed Height: 74mm  
Maximum Extended Height: 238mm  
The weight of the component: 2.1kg

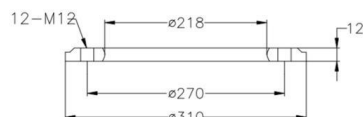
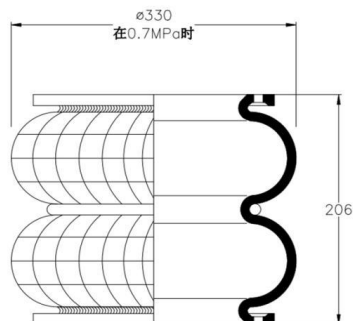


Model: GF280/206-2  
Maximum Load: 4361kg  
Maximum Outer Diameter: 305mm  
Natural Outer Diameter: 280mm  
Minimum Compressed Height: 74mm  
Maximum Extended Height: 238mm  
The weight of the component: 2.8kg

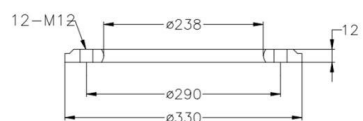
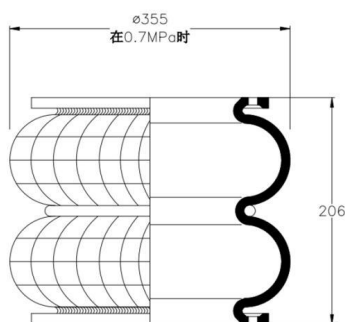




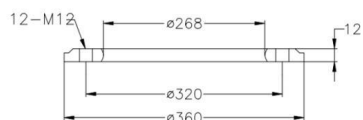
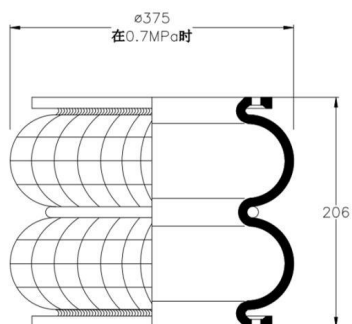
## GF Series Air Springs



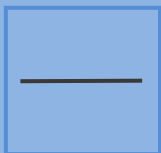
Model: GF310/206-2  
 Maximum Load: 5270kg  
 Maximum Outer Diameter: 330mm  
 Natural Outer Diameter: 310mm  
 Minimum Compressed Height: 74mm  
 Maximum Extended Height: 238mm  
 The weight of the component: 3.3kg



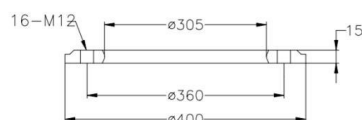
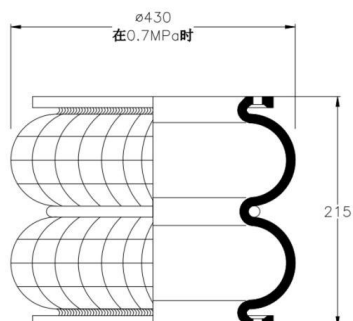
Model: GF330/206-2  
 Maximum Load: 5966kg  
 Maximum Outer Diameter: 355mm  
 Natural Outer Diameter: 330mm  
 Minimum Compressed Height: 74mm  
 Maximum Extended Height: 238mm  
 The weight of the component: 3.85kg



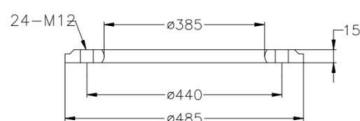
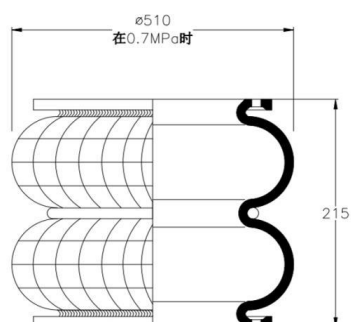
Model: GF360/206-2  
 Maximum Load: 6831kg  
 Maximum Outer Diameter: 375mm  
 Natural Outer Diameter: 360mm  
 Minimum Compressed Height: 74mm  
 Maximum Extended Height: 238mm  
 The weight of the component: 3.95kg



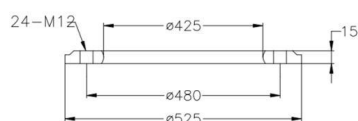
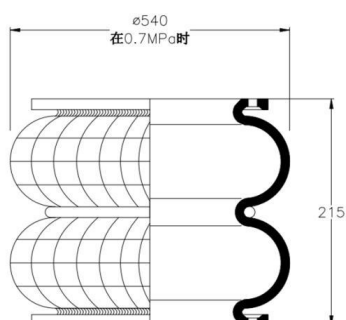
## GF Series Air Springs



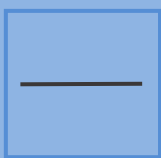
Model: GF400/215-2  
Maximum Load: 8958kg  
Maximum Outer Diameter: 430mm  
Natural Outer Diameter: 400mm  
Minimum Compressed Height: 82mm  
Maximum Extended Height: 247mm  
The weight of the component: 4.9kg



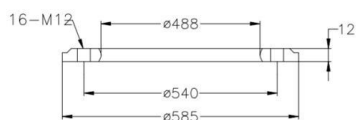
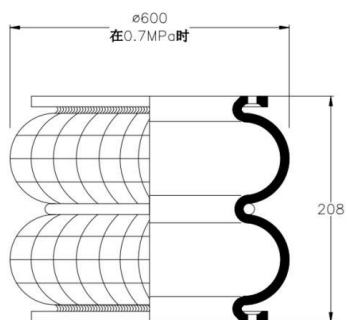
Model: GF480/215-2  
Maximum Load: 13528kg  
Maximum Outer Diameter: 510mm  
Natural Outer Diameter: 480mm  
Minimum Compressed Height: 82mm  
Maximum Extended Height: 247mm  
The weight of the component: 6.2kg



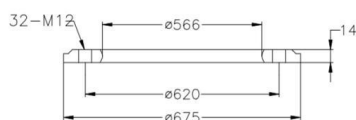
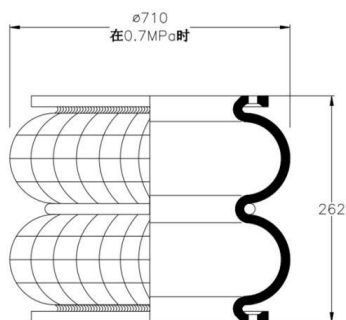
Model: GF520/215-2  
Maximum Load: 14442kg  
Maximum Outer Diameter: 540mm  
Natural Outer Diameter: 520mm  
Minimum Compressed Height: 82mm  
Maximum Extended Height: 247mm  
The weight of the component: 7.85kg



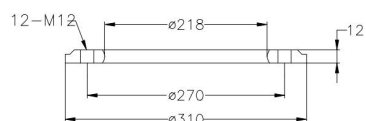
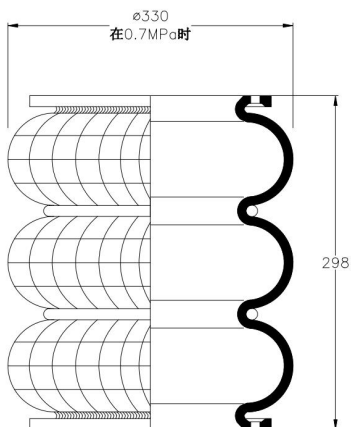
## GF Series Air Springs



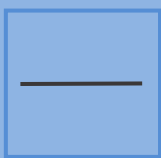
Model: GF580/208-2  
Maximum Load: 18191kg  
Maximum Outer Diameter: 600mm  
Natural Outer Diameter: 580mm  
Minimum Compressed Height: 76mm  
Maximum Extended Height: 240mm  
The weight of the component: 8kg



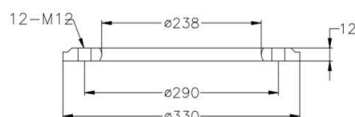
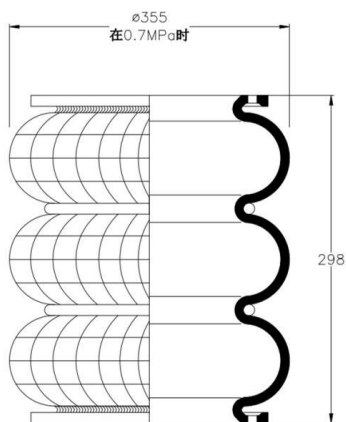
Model: GF680/262-2  
Maximum Load: kg  
Maximum Outer Diameter: 710mm  
Natural Outer Diameter: 680mm  
Minimum Compressed Height: 90mm  
Maximum Extended Height: 302mm  
The weight of the component: 12.5kg



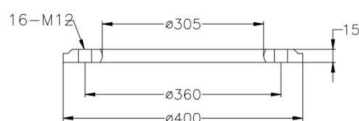
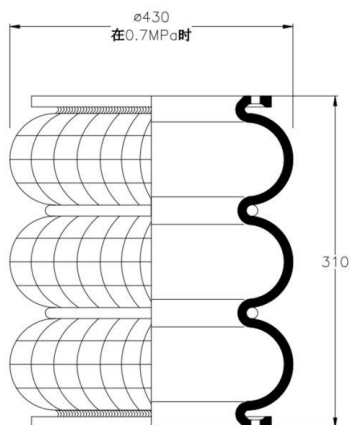
Model: GF310/298-3  
Maximum Load: 5130kg  
Maximum Outer Diameter: 330mm  
Natural Outer Diameter: 310mm  
Minimum Compressed Height: 110mm  
Maximum Extended Height: 346mm  
The weight of the component: 5.2kg



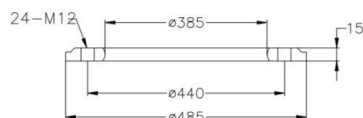
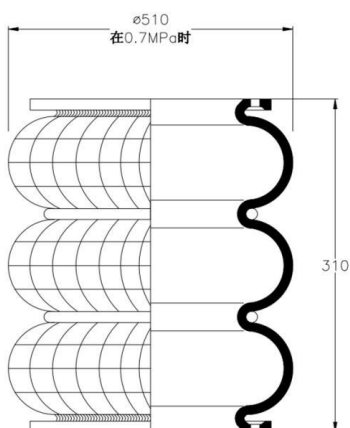
## GF Series Air Springs



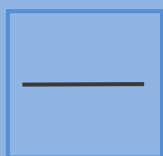
Model: GF330/298-3  
 Maximum Load: 5993kg  
 Maximum Outer Diameter: 355mm  
 Natural Outer Diameter: 330mm  
 Minimum Compressed Height: 110mm  
 Maximum Extended Height: 346mm  
 The weight of the component: 5.2kg



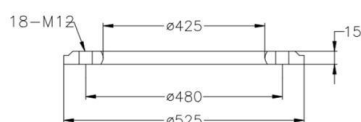
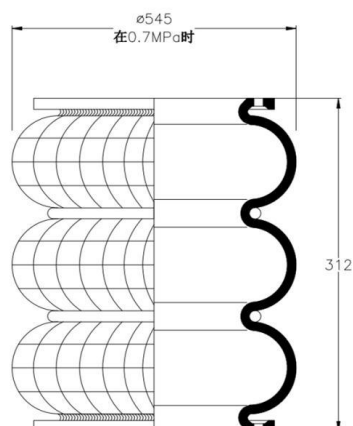
Model: GF400/310-3  
 Maximum Load: 8968kg  
 Maximum Outer Diameter: 430mm  
 Natural Outer Diameter: 400mm  
 Minimum Compressed Height: 120mm  
 Maximum Extended Height: 358mm  
 The weight of the component: 6.8kg



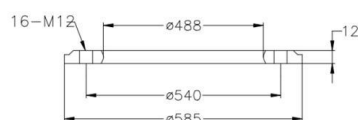
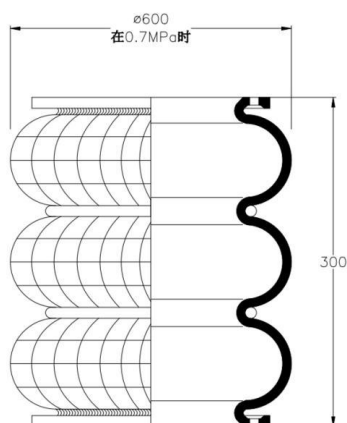
Model: GF480/310-3  
 Maximum Load: 12930kg  
 Maximum Outer Diameter: 510mm  
 Natural Outer Diameter: 480mm  
 Minimum Compressed Height: 120mm  
 Maximum Extended Height: 358mm  
 The weight of the component: 10kg



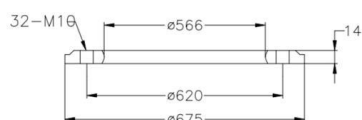
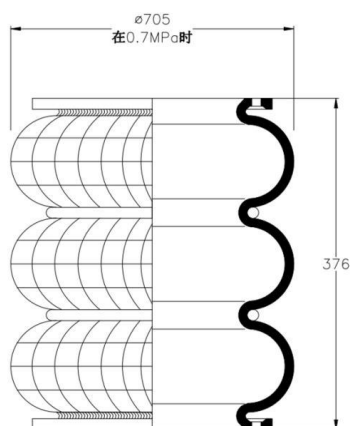
## GF Series Air Springs



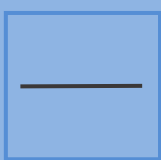
Model: GF520/310-3  
 Maximum Load: 14654kg  
 Maximum Outer Diameter: 545mm  
 Natural Outer Diameter: 520mm  
 Minimum Compressed Height: 120mm  
 Maximum Extended Height: 358mm  
 The weight of the component: 12kg



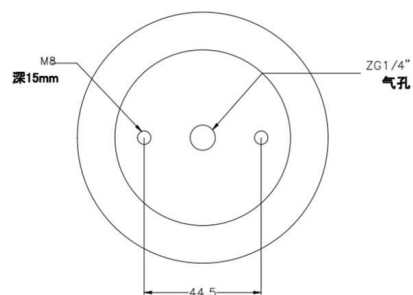
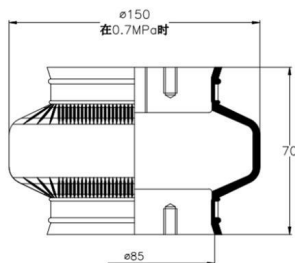
Model: GF580/306-3  
 Maximum Load: 18289kg  
 Maximum Outer Diameter: 600mm  
 Natural Outer Diameter: 580mm  
 Minimum Compressed Height: 112mm  
 Maximum Extended Height: 348mm  
 The weight of the component: 12kg



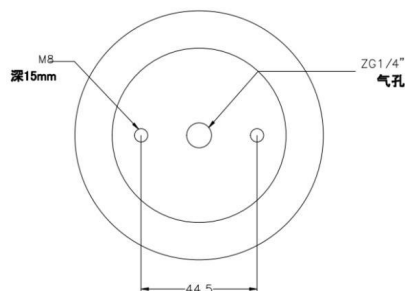
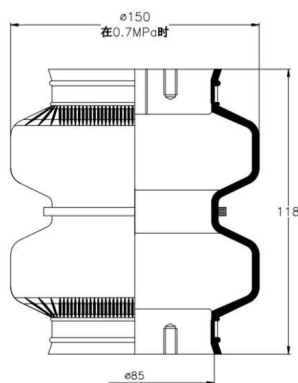
Model: GF680/376-3  
 Maximum Load: 22048kg  
 Maximum Outer Diameter: 705mm  
 Natural Outer Diameter: 680mm  
 Minimum Compressed Height: 122mm  
 Maximum Extended Height: 436mm  
 The weight of the component: 18kg



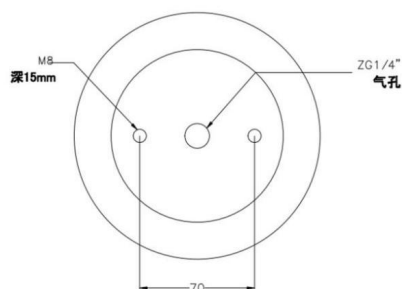
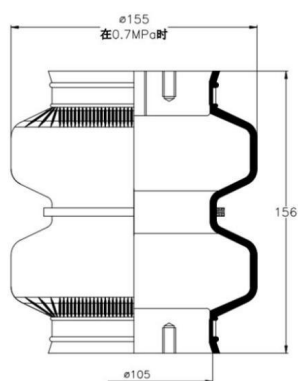
## KL Series Air Springs



Model: KL130/070-1  
 Maximum Load: 523kg  
 Maximum Outer Diameter: 150mm  
 Natural Outer Diameter: 130mm  
 Minimum Compressed Height: 55mm  
 Maximum Extended Height: 90mm  
 The weight of the component: 1kg

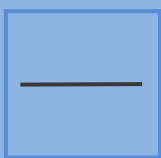


Model: KL130/118-2  
 Maximum Load: 600kg  
 Maximum Outer Diameter: 150mm  
 Natural Outer Diameter: 130mm  
 Minimum Compressed Height: 80mm  
 Maximum Extended Height: 125mm  
 The weight of the component: 1.2kg

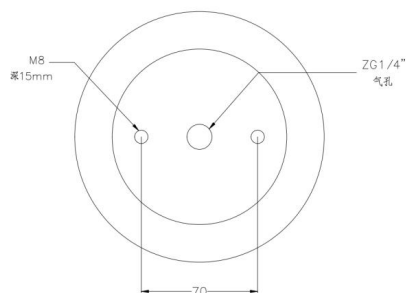
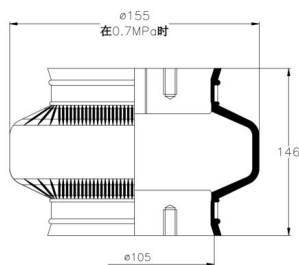


Model: KL142/145-2  
 Maximum Load: 763kg  
 Maximum Outer Diameter: 155mm  
 Natural Outer Diameter: 142mm  
 Minimum Compressed Height: 80mm  
 Maximum Extended Height: 160mm  
 The weight of the component: 1.7kg





## KL Series Air Springs



Model: KL142/146-1

Maximum Load: kg

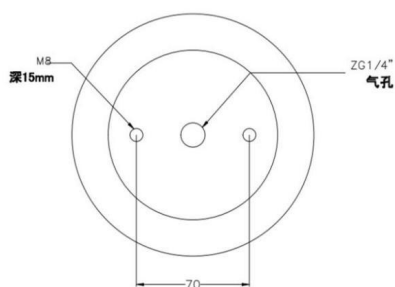
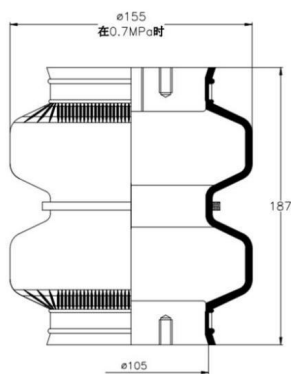
Maximum Outer Diameter: 155mm

Natural Outer Diameter: 142mm

Minimum Compressed Height: 55mm

Maximum Extended Height: 150mm

The weight of the component: 1.54kg



Model: KL142/187-2

Maximum Load: 674kg

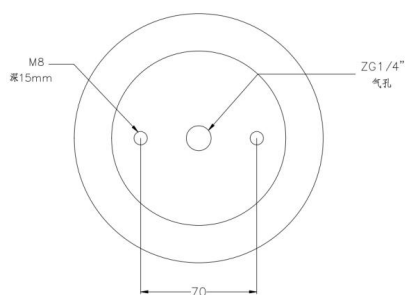
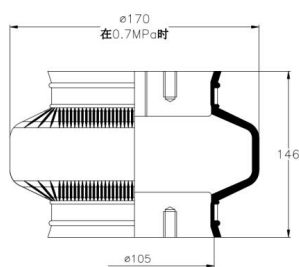
Maximum Outer Diameter: 155mm

Natural Outer Diameter: 142mm

Minimum Compressed Height: 80mm

Maximum Extended Height: 190mm

The weight of the component: 1.7kg



Model: KL155/146-1

Maximum Load: kg

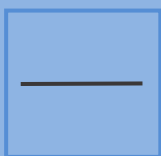
Maximum Outer Diameter: 170mm

Natural Outer Diameter: 155mm

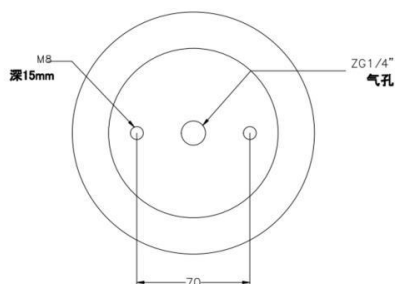
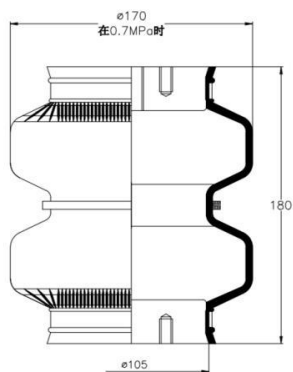
Minimum Compressed Height: 55mm

Maximum Extended Height: 150mm

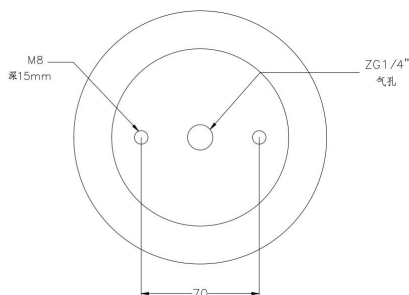
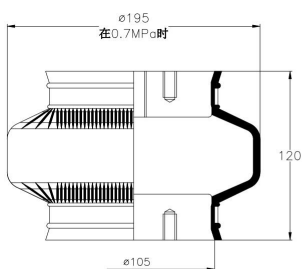
The weight of the component: 1.5kg



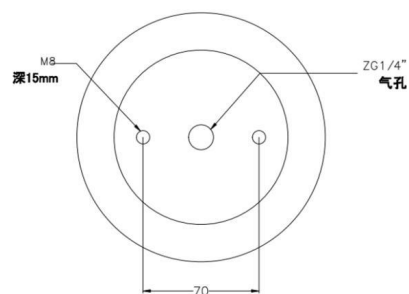
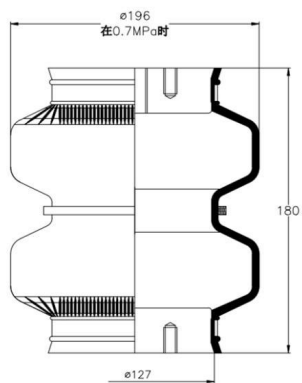
## KL Series Air Springs



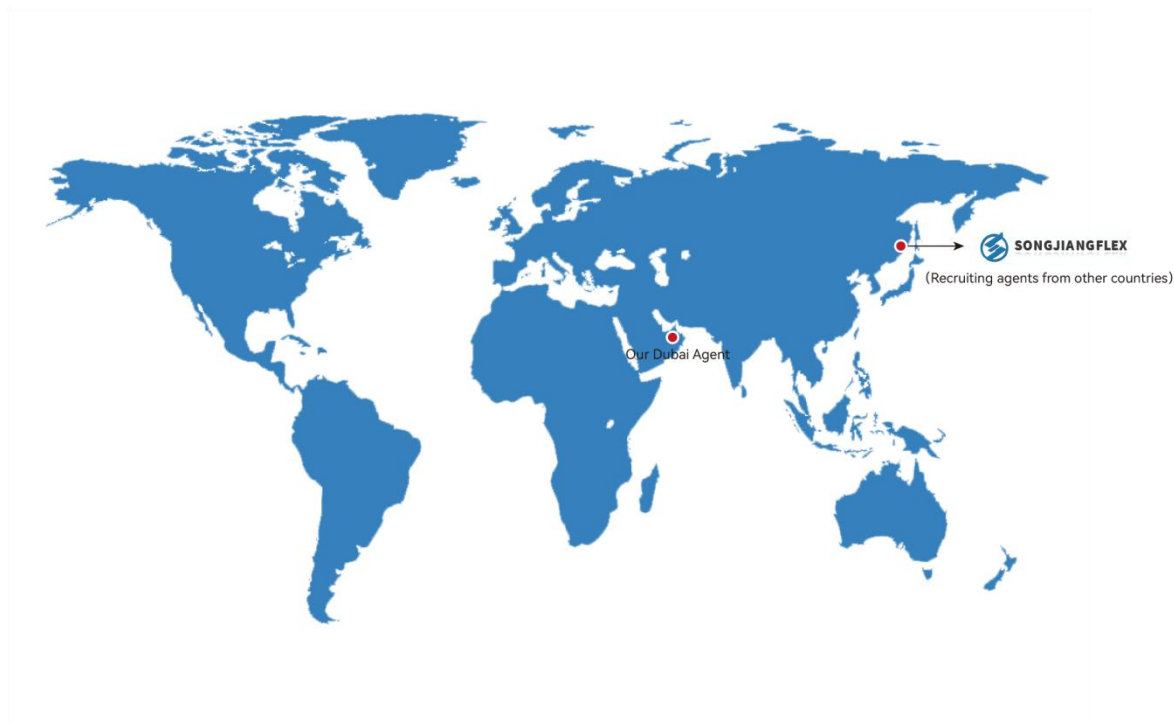
Model: KL155/180-2  
Maximum Load: kg  
Maximum Outer Diameter: 170mm  
Natural Outer Diameter: 155mm  
Minimum Compressed Height: 80mm  
Maximum Extended Height: 190mm  
The weight of the component: 1.8kg



Model: KL176/120-1  
Maximum Load: kg  
Maximum Outer Diameter: 195mm  
Natural Outer Diameter: 176mm  
Minimum Compressed Height: 55mm  
Maximum Extended Height: 130mm  
The weight of the component: 2.1kg



Model: KL176/180-2  
Maximum Load: 1131kg  
Maximum Outer Diameter: 196mm  
Natural Outer Diameter: 176mm  
Minimum Compressed Height: 80mm  
Maximum Extended Height: 192mm  
The weight of the component: 2.35kg



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