

LF 3000® Push-In Fittings / Self-Sealing and Oscillating Fittings



2 functions available for quick machine intervention and to facilitate the operation of the installations.

Ø metric:
4 to 12 mm

Technical Characteristics

- **Compatible Fluids:** Compressed air
Other fluids: please consult us
- **Working Pressure:** Vacuum to 20 bar
(10 bar: self-sealing fitting)
- **Working Temperature:** -20°C to +80°C

Reliable performance is dependent upon the type of fluid conveyed, component materials and tubing being used.

Use is guaranteed with a vacuum of 755 mm Hg (99% vacuum).

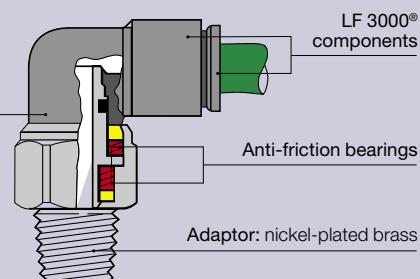
Advantages

- **Self-Sealing Fittings**
 - Prevents fluid flow when there is no tube connected
 - When connected, the compressed air flow is restored
- **Oscillating Fittings**
 - Fitting swivels when cylinder is in movement : no bending of the tube
 - High durability of the fitting/tube assembly

Component Materials

Swivel Fitting

- Body:
- Self-sealing fitting: nickel-plated brass
 - Oscillating fitting: technical polymer



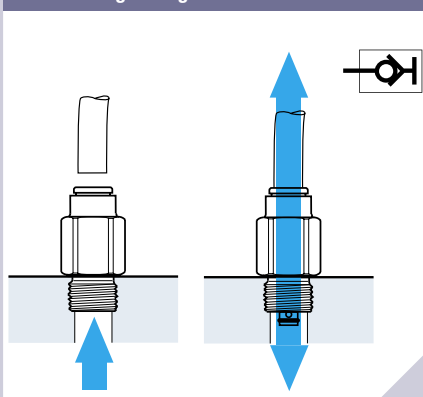
Silicone-free

Regulations

- ISO 14743
- PED
- RoHS
- REACH

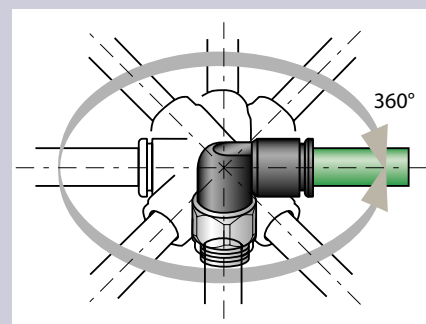
Installation Configurations

Self-Sealing Fitting



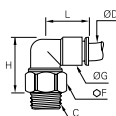
Oscillating Fitting

Tube O.D. (mm)	Torque (daN.m)	Max. Rotation Speed (turn/min.)
4	<math> < 2.5 \cdot 10^{-3}</math>	190
6	<math> < 4 \cdot 10^{-3}</math>	160
8	<math> < 7 \cdot 10^{-3}</math>	120
10	<math> < 11 \cdot 10^{-3}</math>	90
12	<math> < 16 \cdot 10^{-3}</math>	80



3159 Oscillating Elbow, Male BSPT Thread

Technical polymer, Nickel-plated brass, NBR



ØD	C		F	G	H	L	Kg
4	R1/8	3159 04 10	12	11	22	17.5	0.013
6	R1/8	3159 06 10	14	14	26.5	20.5	0.020
	R1/4	3159 06 13	14	14	23.5	20.5	0.022
8	R1/8	3159 08 10	17	16	32	23.5	0.034
	R1/4	3159 08 13	17	16	29	23.5	0.034
10	R3/8	3159 08 17	17	16	25	23.5	0.031
	R1/4	3159 10 13	19	19.5	37.5	29	0.051
12	R3/8	3159 10 17	19	19.5	33.5	29	0.046
	R1/4	3159 12 13	21	22	44.5	33.5	0.074
	R3/8	3159 12 17	21	22	41	33.5	0.068

Pre-coated thread

DYSTRYBUTOR PARKER PREMIUM

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