

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).

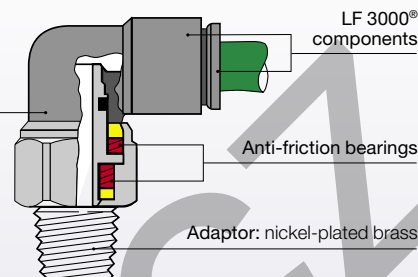
Advantages

- **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



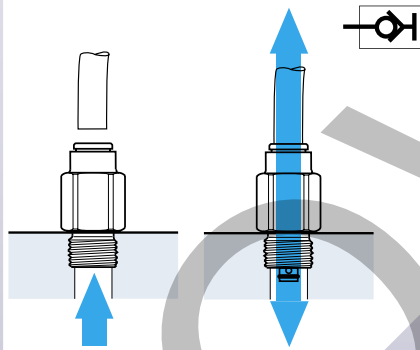
Silicone-free

Regulations

- ISO 14743
- PED
- RoHS
- REACH

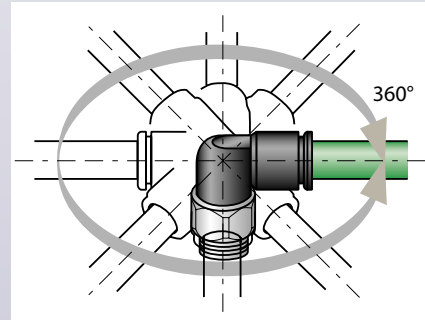
Installation Configurations

Self-Sealing Fitting



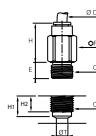
Oscillating Fitting

Tube O.D. (mm)	Torque (daN.m)	Max. Rotation Speed (turn/min.)
4	<2.5.10 ⁻³	190
6	<4.10 ⁻³	160
8	<7.10 ⁻³	120
10	<11.10 ⁻³	90
12	<16.10 ⁻³	80



3391 Self-Sealing Stud Fitting, Male BSPP Thread

Nickel-plated brass, NBR

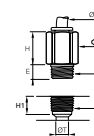


ØD	C		E	F	H	H1	H2	ØT	Kg
4	G1/8	3391 04 10	5	13	18	7.5	6	5	0.017
6	G1/8	3391 06 10	5	14	19.5	9	6	7.5	0.018
8	G1/8	3391 08 10	5	14	29.5	10	6	7.5	0.025
	G1/4	3391 08 13	5.5	16	25.5	11	8	9	0.032
10	G3/8	3391 10 17	5.5	20	27.5	13	11	10	0.055

Maximum working pressure: 10 bar

3091 Self-Sealing Stud Fitting, Male BSPT Thread

Nickel-plated brass, NBR

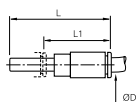



ØD	C		E	F	H	H1	ØT	Kg
4	R1/8	3091 04 10	7.5	12	18	9.5	5	0.014
6	R1/8	3091 06 10	7.5	13	19.5	9.5	7.5	0.015
8	R1/8	3091 08 10	6.5	14	25	10.5	7.5	0.024
	R1/4	3091 08 13	11	14	25.5	13.5	9	0.021

Maximum working pressure: 10 bar

3160 Self-Sealing Plug-In Fitting

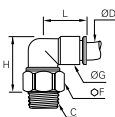
Technical polymer, NBR




ØD			L	L1	Kg
4		3160 04 00	46	33.5	0.006
6		3160 06 00	53.5	31	0.009
8		3160 08 00	58	31	0.014

3159 Oscillating Elbow, Male BSPT Thread

Technical polymer, Nickel-plated brass, NBR

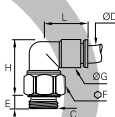



ØD	C			F	G	H	L	Kg
4	R1/8		3159 04 10	12	11	22	17.5	0.013
6	R1/8		3159 06 10	14	14	26.5	20.5	0.020
	R1/4		3159 06 13	14	14	23.5	20.5	0.022
8	R1/8		3159 08 10	17	16	32	23.5	0.034
	R1/4		3159 08 13	17	16	29	23.5	0.034
	R3/8		3159 08 17	17	16	25	23.5	0.031
10	R1/4		3159 10 13	19	19.5	37.5	29	0.051
	R3/8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

3189 Oscillating Elbow, Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR



ØD	C			E	F	G	H	L	Kg
4	M5x0.8		3189 04 19	3	12	11	24.5	17.5	0.012
	G1/8		3189 04 10	5	13	11	23	17.5	0.014
6	M5x0.8		3189 06 19	3	12	14	27.5	20.5	0.017
	G1/8		3189 06 10	5	14	14	27	20.5	0.019
	G1/4		3189 06 13	5.5	16	14	25.5	20.5	0.023
8	G1/8		3189 08 10	5	17	16	33.5	23.5	0.034
	G1/4		3189 08 13	5.5	17	16	31	23.5	0.032
	G3/8		3189 08 17	5.5	20	16	29.5	23.5	0.039
10	G1/4		3189 10 13	5.5	19	19.5	39	29	0.053
	G3/8		3189 10 17	5.5	20	19.5	37	29	0.051
12	G1/4		3189 12 13	5.5	21	22	46.5	33.5	0.073
	G3/8		3189 12 17	5.5	21	22	45.5	33.5	0.071