

Soft Start Fittings



To prevent the risk of industrial accidents, the pressure increase in the downstream circuit allows soft start of the installation.

Ø metric:
8 to 10 mm

Technical Characteristics

- **Compatible Fluids:** Compressed air
- **Working Pressure:** 3 to 10 bar
- **Working Temperature:** -15°C to +60°C

Max. Tightening Torques	Threads		daN.m
	G1/4		1.3
	G3/8		1.5
Flow Characteristics	Model	Flow at 6 bar	Kv
	7860 08 13	1500 NI/min	0.80
	7860 10 13	2100 NI/min	1.20
Flow Characteristics	Model	Flow at 6 bar	Kv
	7860 10 17	2200 NI/min	1.30
	7870 08 13	1500 NI/min	0.80
	7870 10 13	2000 NI/min	1.15
Flow Characteristics	Model	Flow at 6 bar	Kv
	7870 10 17	2000 NI/min	1.15

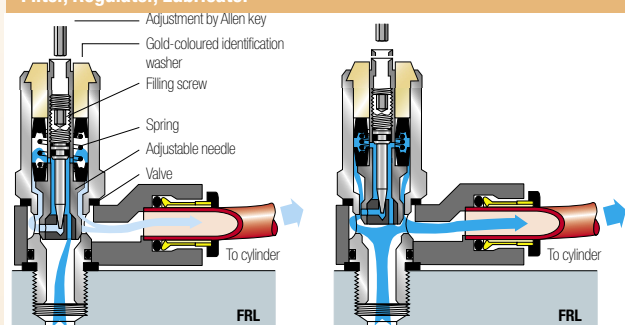
Component Materials

Silicone-free

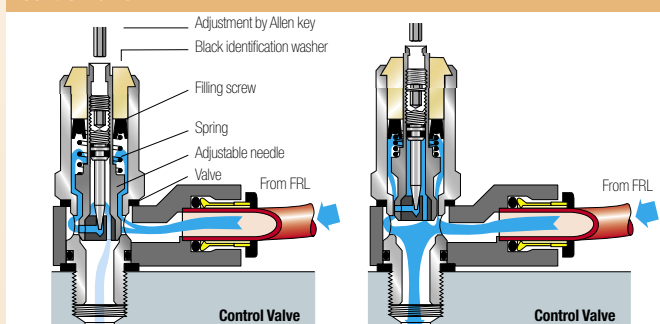


Operation

Filter, Regulator, Lubricator



Control Valve



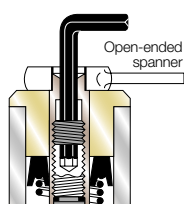
Adjustment of the Filling Screw

Adjusting the screw to regulate the flow of air optimises the time taken to pressurise depending on the air volume to be refilled and the system requirements.

To adjust:

- immobilise the piston using a spanner
- adjust the screw with an Allen key
 - 1.5 mm key for 8 mm diameter
 - 2.5 mm key for 10 and 12 mm diameter

Max. tightening torque: 0.1 daN.m



Advantages

Protection of equipment and personnel:

- Prevents the risk of damage after any stoppage which requires the system to be vented
- Returns the control valve to its initial position in total safety
- Adjustment of the pressurisation speed

Mounted on FRL:

- 7860: yellow identification washer
- Protection for the whole system
- Simultaneous pressurisation speed of the whole system

Mounted on Control Valve:

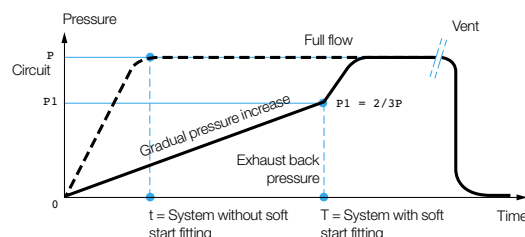
- 7870: black identification washer
- Protection of individual circuits
- Mounted on the control valve, it optimises the pressurisation speed of a specific cylinder

Regulations

- RoHS
- REACH
- PED

Cylinder Pressure Cycle

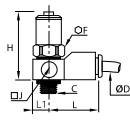
When the downstream pressure reaches 2/3 of the supply pressure, full flow is automatically established



Soft Start Fittings

7860 Soft Start Fitting for Isolating Valve, Male BSPP Thread

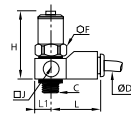
Technical polymer, Nickel-plated brass, NBR



ØD	C		F	H max	H min	J	L	L1	Kg
8	G1/4	7860 08 13	17	59	52	20	26,6	9,5	0.064
10	G1/4	7860 10 13	22	59	52	25	28,8	9,5	0.112
	G3/8	7860 10 17	22	62	55	25	30,6	12,3	0.115

7870 Soft Start Fitting for Control Valve, Male BSPP Thread

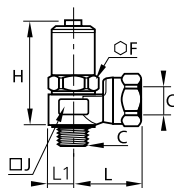
Technical polymer, Nickel-plated brass, NBR



ØD	C		F	H max	H min	J	L	L1	Kg
8	G1/4	7870 08 13	17	59	52	20	26,6	9,5	0.066
10	G1/4	7870 10 13	22	59	52	25	28,8	9,5	0.113
	G3/8	7870 10 17	22	62	55	25	30,6	12,3	0.116

7871 Soft Start Fitting for Control Valve, Male/Female BSPP Thread

Nickel-plated brass, NBR, technical polymer



C		F	H min	H max	J	L	L1	Kg
G1/4	7871 13 13	17	52,5	58	24	31	12	0.149

Our Safety Programm: Conformity to 2006/42/EC Directive and ISO 13849-1 Standard

More than 250 dedicated part numbers for:

- Zero accident for our customers
- Machine integrity
- Compliance of equipment

