

FL-44 Injectors

Oil

General

FL-44 Injectors are positive displacement oil dispensing valves. They can be used in lubrication circuits with our FL-42, FL-43 and FL-45 series injectors. Higher injector outputs make these units well suited to satisfy lubrication needs of medium and large machines. In addition, higher output pressures make these injectors ideally suited for equipment operating in harsh environments.

Features

- + Viton O-rings standard to protect against high heat and synthetic lubricants.
- + Form, fit and functional interchangeable with major competitive brand.
- + All injectors are shipped with vinyl cover caps standard.
- + Adjustable oil output.
- + Visual operating indicator pin.
- + Includes feed line fill fitting.

Technical Data

Minimum Operating Pressure	750 psi (51 bar)
Maximum Operating Pressure	1000 psi (68 bar)
Recommended Operating Pressure	850 psi (59 bar)
Maximum Vent (Recharge Pressure)	150 psi (10 bar)
Lubricant Output	0.13-1.6cc (0.008-0.10 cu. in.)
Surface Protection	Zinc with Yellow Chromate
Mounting	Any position

How to Order

Name	# of Outlets	Part #	Manifold Only
FL-44 Injector	1	FL44-1	13281
	2	FL44-2	13282
	3	FL44-3	13283
	4	FL44-4	13284
	5	FL44-5	13285
	6	FL44-6	13286
	Direct Mount	FL44-DM	---
	Replacement Injector	FL44	---

When ordering, specify by name, description and part number, e.g. FL-44 Injector, 1 Outlet, Part #FL44-1.



BIJUR DELIMON INTERNATIONAL

(919) 465 4448 LOCAL
(800) 631 0168 TOLL-FREE
(919) 465 0516 FAX

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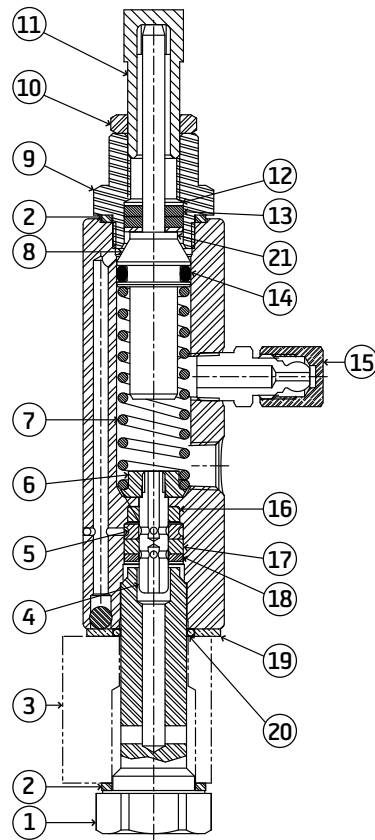
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Service Parts

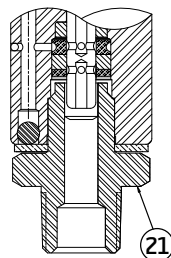
Item	Description	Part #	Qty
---	FL-44 repair kit	14542	
	Brass washer (2)	---	2
	Poppet (4)	---	1
	Spacer (5)	---	1
	Flange (6)	---	1
	Spring (7)	---	1
	Piston assembly (8)	---	1
	Steel washer (12)	---	1
	Packing, viton (13)	---	2
	O-ring, viton (14)	---	1
	Poppet seal, viton (16)	---	1
	Packing, viton (17)	---	1
	Steel washer (18)	---	1
	Steel washer (21)	---	1
---	FL-4 soft parts kit	14543	
	Packing, viton (13)	---	2
	O-ring, viton (14)	---	1
	Poppet seal, viton (16)	---	1
	Packing, viton (17)	---	1
1 ²	Adapter bolt	ADA13745A	1
3	Manifold	See How to Order chart	1
9 ¹	Housing	HSG13735A	1
10	Jam nut	NUT13738A	1
11	Adjusting screw	SCR13739A	1
15	Bleed fitting assembly	FIT13859A	1
19	Copper seal	37254	1
20	O-ring	U1720113S	1
21 ²	Adapter (3/8" NPT)	ADA13841A	1

¹ Torque to 25-30 ft·lb

² Torque to 45-50 ft·lb



MANIFOLD MOUNTED
FL44 INJECTOR



SINGLE MOUNTED
FL44-DM INJECTOR (3/8" NPT)

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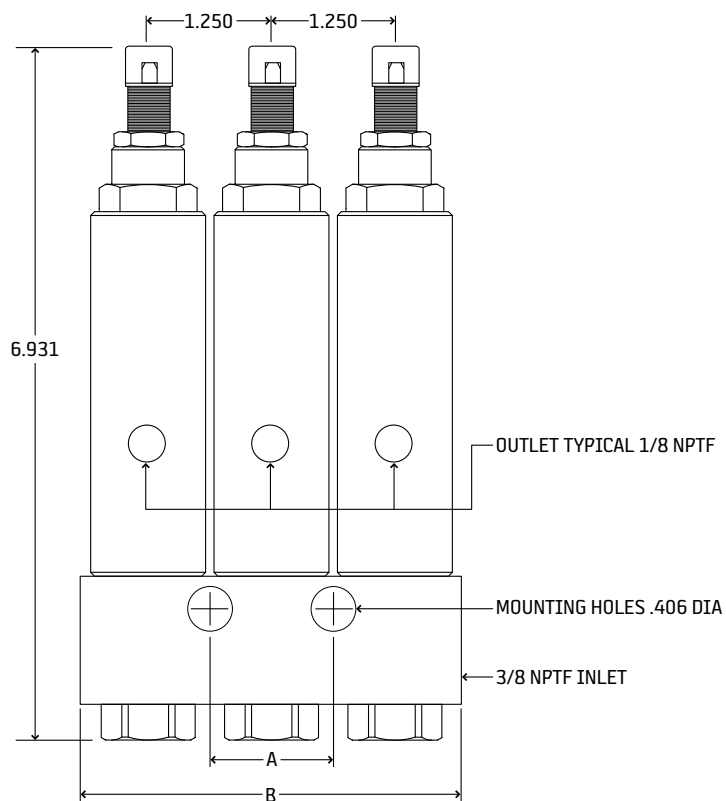
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Dimensional Schematics

Measurements shown in inches.



Part #	A	B
FL44-1	Single mounting hole	63.5mm (2-1/2")
FL44-2	Single mounting hole	76.2mm (3")
FL44-3	31.75mm (1-1/4")	108.0mm (4-1/4")
FL44-4	63.5mm (2-1/2")	139.7mm (5-1/2")
FL44-5	95.25mm (3-3/4")	171.5mm (6-3/4")
FL44-6	127.0mm (5")	203.2mm (8")

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