

You can search this page by using your browser's
EDIT --> FIND (on this Page) Commands

The flow rates shown are at 100% duty cycle (static) and are for gasoline.

Although we do show some rating pressure most injectors are designed to operate 36.25 PSI / 2.5 BAR or 43.5 PSI / 3 BAR - Chrysler and Porsche some times use 55 PSI / 3.7 BAR Remember this is a pressure differential across the injector, this becomes important in Turbo/Supercharged (SC) engines, where you need to use a regulator that increases fuel pressure as boost increases.

Injectors are rated at "X" psi, but most will work and flow more fuel at a higher pressure.

There is a calculator on the main page to convert flow numbers from one fuel pressure differential to another.

Fuel pump flow decreases as the pressure goes higher, so make sure your fuel pump has enough flow at the pressure you raise it to.

Estimated Horsepower figures are calculated at 80% duty cycle and 95% duty cycle also based on BSFC (Brake Specific Fuel Consumption).

.36 BSFC - Turbocharged Intercooled Diesel

.38 BSFC - Turbocharged Non-Intercooled Diesel

.42 BSFC - Race Engine or Older Diesel Engine *

.47 BSFC - Hi Performance Engine *

.52 BSFC - Modern Stock Engine or Light Modifications Engine *

.57 BSFC - Supercharged (SC) / Turbocharged Non Intercooled Engine

* - These include N/A engines or Supercharged/Turbocharged Intercooled Engines.

Electronic fuel injectors come in two types Low (1-5 ohms) and High (12-16 ohms) Resistance (Impedance). NOTE this can be measured between the 2 pins with a multi-meter.

Like with other engine parts Bigger is not always better.

These numbers were compiled from various magazines, web sites, and manufactures catalogs, and **should only be used as a Guide**. Always check with the Manufacturer.

Please send comments about this table or suggestions for updates.

I would appreciate it if you find wrong data in the table if you would send me a message.

[Accel] [Bendix] [Bosch] [Bosch-Ford] [Chrysler-Mopar] [Ford] [Holley] [Honda - Acura] [Lucas] [MSD] [Nippon Denso] [Nissan - Infiniti] [Rochester / GM] [Toyota - Lexus]

Electronic Fuel Injector (EFI) Flow Data Table

[illegible]

Part Number	lbs/hr	cc/min	grams/min	PSI	BARS	lbs/hr	cc/min	80%	95%	80%	95%	80%	95%	80%	95%	80%	95%	80%	95%	Impedance	Application
150X14	14.0	147.1	105.8	43.5	3.00	14.00	147.1	31.1	36.9	29.5	35.0	26.7	31.7	23.8	28.3	21.5	25.6	19.6	23.3	High	-
150X15	15.0	157.7	113.4	43.5	3.00	15.00	157.7	33.3	39.6	31.6	37.5	28.6	33.9	25.5	30.3	23.1	27.4	21.1	25.0	High	-
150X17	17.0	178.7	128.5	43.5	3.00	17.00	178.7	37.8	44.9	35.8	42.5	32.4	38.5	28.9	34.4	26.2	31.1	23.9	28.3	High	-
150X19	19.0	199.7	143.6	43.5	3.00	19.00	199.7	42.2	50.1	40.0	47.5	36.2	43.0	32.3	38.4	29.2	34.7	26.7	31.7	High	-
150X21	21.0	220.7	158.8	43.5	3.00	21.00	220.7	46.7	55.4	44.2	52.5	40.0	47.5	35.7	42.4	32.3	38.4	29.5	35.0	High	-
150X23	23.0	241.7	173.9	43.5	3.00	23.00	241.7	51.1	60.7	48.4	57.5	43.8	52.0	39.1	46.5	35.4	42.0	32.3	38.3	High	-
150X24	24.0	252.2	181.4	43.5	3.00	24.00	252.2	53.3	63.3	50.5	60.0	45.7	54.3	40.9	48.5	36.9	43.8	33.7	40.0	High	-
150X26	26.0	273.3	196.6	43.5	3.00	26.00	273.3	57.8	68.6	54.7	65.0	49.5	58.8	44.3	52.6	40.0	47.5	36.5	43.3	High	-
150X30	30.0	315.3	226.8	43.5	3.00	30.00	315.3	66.7	79.2	63.2	75.0	57.1	67.9	51.1	60.6	46.2	54.8	42.1	50.0	High	-
150X32	32.0	336.3	241.9	43.5	3.00	32.00	336.3	71.1	84.4	67.4	80.0	61.0	72.4	54.5	64.7	49.2	58.5	44.9	53.3	High	-
150X36	36.0	378.4	272.2	43.5	3.00	36.00	378.4	80.0	95.0	75.8	90.0	68.6	81.4	61.3	72.8	55.4	65.8	50.5	60.0	High	-
150X40	40.0	420.4	302.4	43.5	3.00	40.00	420.4	88.9	105	84.2	100	76.2	90.5	68.1	80.9	61.5	73.1	56.1	66.7	High	-
150X48	48.0	504.5	362.9	43.5	3.00	48.00	504.5	106	126	101	120	91.4	108	81.7	97.0	73.8	87.7	67.4	80.0	High	-
-	59.5	625.3	449.8	43.5	3.00	59.50	625.3	132	157	125	148	113	134	101	120	91.5	108	83.5	99.2	Low	-
-	76.0	798.8	574.6	43.5	3.00	76.00	798.8	168	200	160	190	144	171	129	153	116	138	106	126	Low	-

X in the Part Number = 1, or 8 and is equal to the number of injectors that are in the kit.

<div> <div>Bendix</div> <div>COPYRIGHT © 2002-2007 Stan Weiss — World Wide Enterprises</div> </div>																					
	Flow			Rating @		Flow @ 43.5 PSI / 3 Bars		.36 BSFC - Est. HP Duty Cycle		.38 BSFC - Est. HP Duty Cycle		.42 BSFC - Est. HP Duty Cycle		.47 BSFC - Est. HP Duty Cycle		.52 BSFC - Est. HP Duty Cycle		.57 BSFC - Est. HP Duty Cycle			
Part Number	lbs/hr	cc/min	grams/min	PSI	BARS	lbs/hr	cc/min	80%	95%	80%	95%	80%	95%	80%	95%	80%	95%	80%	95%	Impedance	Application
1181281	38.0	399.4	287.3	-	-	-	-	84.4	100	80.0	95.0	72.4	86.0	64.7	76.8	58.5	69.4	53.3	63.3	Low	Cadillac
Red 25500139	82.0	861.8	619.9	45.0	3.10	80.62	847.3	182	216	172	205	156	185	139	165	126	149	115	136	Low	-
White - Alcohol / Nethanol	180.0	1891	1360	45.0	3.10	176.9	1860	400	475	378	450	342	407	306	363	276	328	252	300	Low	-

BoschCOPYRIGHT © 2002-2007 **Stan Weiss** — World Wide Enterprises

	Flow			Rating @		Flow @ 43.5 PSI / 3 Bars		.36 BSFC - Est. HP Duty Cycle		.38 BSFC - Est. HP Duty Cycle		.42 BSFC - Est. HP Duty Cycle		.47 BSFC - Est. HP Duty Cycle		.52 BSFC - Est. HP Duty Cycle		.57 BSFC - Est. HP Duty Cycle			
Part Number	lbs/hr	cc /min	grams /min	PSI	BARS	lbs/hr	cc /min	80%	95%	80%	95%	80%	95%	80%	95%	80%	95%	80%	95%	Impedance	Application
0-280-150-001	25.2	264.9	190.5	43.5	3.00	25.20	264.9	56.0	66.5	53.1	63.0	48.0	57.0	42.9	50.9	38.8	46.0	35.4	42.0	-	M B 3.5l, Saab 1.7l
0-280-150-002	25.2	264.9	190.5	43.5	3.00	25.20	264.9	56.0	66.5	53.1	63.0	48.0	57.0	42.9	50.9	38.8	46.0	35.4	42.0	-	-
0-280-150-003	36.15	379.9	273.3	43.5	3.00	36.15	379.9	80.3	95.4	76.1	90.4	68.9	81.8	61.5	73.1	55.6	66.0	50.7	60.3	-	-
0-280-150-007	25.2	264.9	190.5	43.5	3.00	25.20	264.9	56.0	66.5	53.1	63.0	48.0	57.0	42.9	50.9	38.8	46.0	35.4	42.0	Low	VW 1.6l, 1.7l
0-280-150-008	25.2	264.9	190.5	43.5	3.00	25.20	264.9	56.0	66.5	53.1	63.0	48.0	57.0	42.9	50.9	38.8	46.0	35.4	42.0	Low	-
0-280-150-009	25.2	264.9	190.5	43.5	3.00	25.20	264.9	56.0	66.5	53.1	63.0	48.0	57.0	42.9	50.9	38.8	46.0	35.4	42.0	Low	Porsche 914 1.7l
0-280-150-010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Low	-
0-280-150-014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Jaguar v12-5.3l
0-280-150-015	36.15	379.9	273.3	43.5	3.00	36.15	379.9	80.3	95.4	76.1	90.4	68.9	81.8	61.5	73.1	55.6	66.0	50.7	60.3	-	-
0-280-150-016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Low	Renault 4-1.6
0-280-150-019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Low	Porsche 4-1.8l, 4-2.0l
0-280-150-023	33.5	352.1	253.3	43.5	3.00	33.50	352.1	74.4	88.4	70.5	83.8	63.8	75.8	57.0	67.7	51.5	61.2	47.0	55.8	High	Jaguar V12, Saab Turbo 99-2004 trionic7 - Feedback - Jak Stoll
0-280-150-024	36.15	379.9	273.3	43.5	3.00	36.15	379.9	80.3	95.4	76.1	90.4	68.9	81.8	61.5	73.1	55.6	66.0	50.7	60.3	Low	M B, Volvo