

Model E2T/E3T



Model E2T / E3T fuel pumps are self-priming toothed ring pumps and have been designed to handle higher flow rates.

Located on the delivery side is a pressure holding valve, which depending on the model of the pump is either integrated within the pump or is accommodated in exchangeable screw-in fittings.

An integrated pressure limiting valve prevents the occurrence of excessively high pressures and thus possible damage to the fuel system.

The pressure limiting valve is a safety valve only and is not suited for pressure control purposes!

Maximum suction height: 500 mm

The E2T / E3T electric fuel pumps have an outside diameter of 43 mm.

In connection with the rubber jacket supplied with some of the pumps from this line, they are suited for the purpose of replacing fuel pumps of other manufacturers having outside diameters of 52 and 60 mm (see table, dimension "A").

Additionally, the rubber jacket serves the purpose of silencing the pump.

Pierburg No.	Curve	Nominal voltage	Stat. pressure at Q=0 l/h	Volume flow	System pressure	Installation, resp. connection dimensions (see Fig. below)					Current consumption at system pressure
						at	Ø A	B	C	Ø D	
		[V]	[bar/(psi)]	[l/h]	[bar/(psi)]	[mm]					[A]
E2T											
7.21538.50.0	1	12	2.7-5.7 (39-83)	80	1.2 (17)	43	160	110	8	12	< 4.5
7.21287.53.0	2	12	4.5-7.5 (68-109)	100	3.0 (43.5)	52 ^{*)}	160	115 ^{*)}	8	12	< 6
7.21565.70.0	2	12	4.5-7.5 (68-109)	100	3.0 (43.5)	52 ^{*)}	190	115 ^{*)}	M10x1 A, B	12	< 6
7.21565.71.0	2	12	4.5-7.5 (68-109)	100	3.0 (43.5)	52 ^{*)}	190	115 ^{*)}	M10x1 C, B	15	< 6
E3T											
7.21659.53.0	3	12	8.0-12.0 (116-174)	110	6.5 (94)	52 ^{*)}	178.5	129 ^{*)}	M10x1 B	15	< 12
7.21659.70.0	3	12	8.0-12.0 (116-174)	110	6.5 (94)	60 ^{*)}	178.5	129 ^{*)}	M10x1 D, E	12	< 12
7.21659.72.0	3	12	8.0-12.0 (116-174)	110	6.5 (94)	60 ^{*)}	178.5	129 ^{*)}	M10x1 E	15	< 12

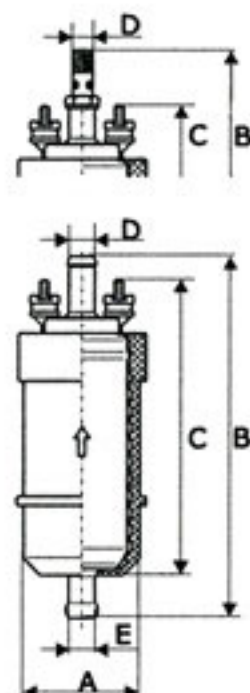
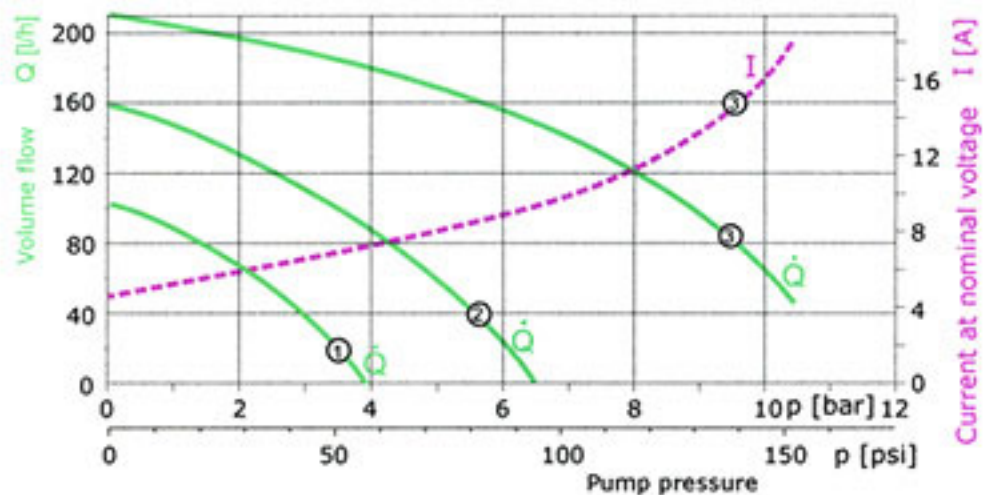
^{*)} dimension including rubber jacket

Screw-in fittings

Depending on the model, the fuel pump is equipped on the delivery side with a connection equipped with an M10x1 inside thread. Supplied with these fuel pumps is

one or several screw-in fittings or these have already been pre-assembled (see Table dimension "D" and the key provided below).



Model E2T/E3T (continued)


Summary

for a quick overview

Pierburg No.	Model	Nominal voltage	Volume flow	System pressure	Current consumption	Remark
		[V]	[l/h]	at [bar/(psi)]	[A]	
7.21440.51.0	E1F	12	95	0.10 (1.5)	≤ 2.0	
7.21440.53.0	E1F	12*)	100	0.15 (2.2)	≤ 2.05	Also suited for 6 Volt operation
7.21440.63.0	E1F	24	100	0.15 (2.2)	≤ 1.35	
7.21440.68.0	E1F	24	95	1.00 (14.5)	≤ 3.0	
7.21440.78.0	E1F	12	95	1.00 (14.5)	≤ 4.3	
7.21088.62.0	E1S	12	75	0.24 (3.5)	3	In-tank pump
7.21538.50.0	E2T	12	80	1.2 (17)	< 4.5	Including rubber jacket
7.21287.53.0	E2T	12	100	3.0 (43.5)	< 6	
7.21565.70.0	E2T	12	100	3.0 (43.5)	< 6	Including rubber jacket
7.21565.71.0	E2T	12	100	3.0 (43.5)	< 6	Including rubber jacket
7.21659.53.0	E3T	12	110	6.5 (94)	< 12	Including rubber jacket
7.21659.70.0	E3T	12	110	6.5 (94)	< 12	Including rubber jacket
7.21659.72.0	E3T	12	110	6.5 (94)	< 12	Including rubber jacket
7.00228.51.0	E3L	13.5	300 - 360	5 (72.5)	< 16	
7.22156.50.0	E3L	13.5	150 - 190	4 (58)	< 9.4	
7.22156.60.0	E3L	13.5	150 - 190	4 (58)	< 9.4	Including rubber jacket
7.28217.51.0	E3L	12	205 - 275	1.8 (26)	2.8 - 6.8	
7.28242.01.0	E3L	13.5	180 - 260	0.5 (7)	< 4.5	