

Injector Info

Manufacturer	DeatschWerks
Part No.	17U-XX-1000-X
Resistance (Ω)	12.6
Vehicle	Not Available
Model	Not Available
Engine	Not Available
Injector Current	0.0 A
Peak Hold Ratio	4.00




Max Flow @	3bar	944 cc/min
Max Flow @	4bar	1120 cc/min
Max Flow @	5bar	1272 cc/min
Max Flow @	6bar	1400 cc/min
Max Flow @	bar	cc/min

Dead Times (μ sec)

	Fuel Pressure (bar)			
	3.0	4.0	5.0	6.0
8V	2380	2820		
10V	1600	1780	1960	2200
12V	1220	1340	1480	1600
14V	960	1060	1180	1300
15V	860	960	1060	1140

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Resistance (Ω)	12.6		
Vehicle	Not Available		
Model	Not Available		
Engine	Not Available		
Peak Current	4.0 A	Minimum Volume	1.00 µl
Hold Current	0.30 A	Ref Flow @	300 kPa g 15.75 ml/s
Peak Time	7.0 ms	Ref Flow @	400 kPa g 18.65 ml/s
Off Time	Not Available ms	Ref Flow @	500 kPa g 21.23 ml/s
Pin Drive	Saturated	Ref Flow @	600 kPa g 23.37 ml/s



Voltages : 8 10 12 14 15

Pulse widths (ms), depend on voltage (V), fuel differential pressure (horizontal, kPa) and fuel volume (vertical, µl)

8 Volt					10 Volt					12 Volt					14 Volt					15 Volt				
M1 Body Cols	v2 ms	dkPa Differential ul se Volume				M1 Body Cols	v2 ms	dkPa Differential ul se Volume				M1 Body Cols	v2 ms	dkPa Differential ul se Volume				M1 Body Cols	v2 ms	dkPa Differential ul se Volume				
Rows		300	400	500	600	Rows		300	400	500	600	Rows		300	400	500	600	Rows		300	400	500	600	
1.00	2.576	2.881	3.361	4.172	1.00	1.844	1.978	2.149	2.350	1.00	1.448	1.539	1.636	1.734	1.00	1.198	1.262	1.328	1.396	1.00	1.106	1.161	1.220	1.274
2.50	2.662	2.985	3.443	4.190	2.50	1.893	2.047	2.214	2.419	2.50	1.496	1.590	1.687	1.785	2.50	1.238	1.307	1.375	1.451	2.50	1.166	1.218	1.274	1.388
4.00	2.704	3.017	3.478	4.221	4.00	1.933	2.086	2.265	2.471	4.00	1.530	1.624	1.730	1.829	4.00	1.269	1.339	1.415	1.496	4.00	1.182	1.236	1.323	1.380
5.50	2.770	3.065	3.532	4.256	5.50	1.985	2.115	2.293	2.500	5.50	1.561	1.644	1.754	1.859	5.50	1.286	1.356	1.437	1.522	5.50	1.197	1.266	1.332	1.389
7.00	2.840	3.124	3.558	4.290	7.00	2.065	2.191	2.340	2.536	7.00	1.668	1.701	1.773	1.893	7.00	1.407	1.371	1.454	1.561	7.00	1.308	1.335	1.346	1.397
8.50	2.918	3.182	3.581	4.323	8.50	2.161	2.263	2.398	2.571	8.50	1.757	1.806	1.884	1.958	8.50	1.500	1.510	1.565	1.622	8.50	1.406	1.407	1.448	1.482
10.00	3.001	3.243	3.637	4.356	10.00	2.247	2.326	2.462	2.645	10.00	1.835	1.866	1.942	2.017	10.00	1.578	1.580	1.621	1.680	10.00	1.483	1.475	1.509	1.545
11.50	3.079	3.313	3.704	4.388	11.50	2.333	2.397	2.529	2.709	11.50	1.926	1.943	2.000	2.075	11.50	1.670	1.656	1.677	1.737	11.50	1.573	1.549	1.566	1.593
13.00	3.157	3.382	3.758	4.446	13.00	2.419	2.468	2.602	2.761	13.00	2.017	2.020	2.077	2.136	13.00	1.762	1.733	1.755	1.793	13.00	1.663	1.628	1.638	1.657
14.50	3.255	3.462	3.820	4.507	14.50	2.510	2.545	2.664	2.821	14.50	2.109	2.098	2.146	2.201	14.50	1.854	1.812	1.825	1.863	14.50	1.754	1.705	1.710	1.724
16.00	3.357	3.544	3.894	4.567	16.00	2.602	2.622	2.727	2.881	16.00	2.201	2.175	2.215	2.267	16.00	1.946	1.891	1.894	1.932	16.00	1.850	1.786	1.779	1.789
17.50	3.453	3.627	3.970	4.631	17.50	2.693	2.699	2.789	2.941	17.50	2.293	2.253	2.284	2.332	17.50	2.039	1.970	1.963	1.995	17.50	1.941	1.865	1.850	1.854
19.00	3.549	3.709	4.052	4.702	19.00	2.790	2.782	2.859	3.005	19.00	2.389	2.336	2.354	2.397	19.00	2.136	2.053	2.033	2.058	19.00	2.041	1.945	1.919	1.921
20.50	3.646	3.791	4.133	4.774	20.50	2.888	2.866	2.930	3.071	20.50	2.485	2.419	2.424	2.461	20.50	2.233	2.137	2.104	2.121	20.50	2.141	2.028	1.991	1.984
22.00	3.742	3.873	4.215	4.846	22.00	2.985	2.950	3.001	3.138	22.00	2.582	2.502	2.494	2.526	22.00	2.330	2.221	2.175	2.184	22.00	2.237	2.111	2.061	2.049
23.50	3.838	3.953	4.292	4.916	23.50	3.081	3.037	3.075	3.204	23.50	2.678	2.585	2.564	2.591	23.50	2.427	2.304	2.246	2.253	23.50	2.333	2.196	2.132	2.116
25.00	3.935	4.033	4.368	4.984	25.00	3.179	3.122	3.151	3.271	25.00	2.776	2.667	2.638	2.660	25.00	2.524	2.386	2.320	2.321	25.00	2.430	2.279	2.208	2.183
26.50	4.031	4.113	4.444	5.051	26.50	3.278	3.207	3.229	3.337	26.50	2.876	2.749	2.713	2.728	26.50	2.621	2.468	2.394	2.389	26.50	2.526	2.361	2.283	2.252
28.00	4.128	4.193	4.519	5.119	28.00	3.377	3.292	3.307	3.403	28.00	2.975	2.831	2.787	2.797	28.00	2.718	2.550	2.469	2.455	28.00	2.622	2.443	2.356	2.320
29.50	4.230	4.282	4.598	5.188	29.50	3.475	3.377	3.384	3.470	29.50	3.078	2.913	2.861	2.866	29.50	2.815	2.632	2.543	2.517	29.50	2.718	2.525	2.428	2.386

* marked columns contain extrapolated data

Pulse widths (ms), depend on fuel differential pressure (kPa), voltage (horizontal, V) and fuel volume (vertical, µl)

300						400						500						600					
1.00	2.50	4.00	5.50	7.00	8.50	1.00	2.50	4.00	5.50	7.00	8.50	1.00	2.50	4.00	5.50	7.00	8.50	1.00	2.50	4.00	5.50	7.00	8.50
1.00	2.576	1.844	1.448	1.198	1.106	1.00	2.881	1.978	1.539	1.262	1.161	1.00	3.361	2.149	1.636	1.328	1.220	1.00	4.172	2.350	1.734	1.396	1.274
2.50	2.662	1.893	1.496	1.238	1.166	2.50	2.985	2.047	1.590	1.307	1.218	2.50	3.443	2.214	1.687	1.375	1.274	2.50	4.190	2.419	1.785	1.451	1.388
4.00	2.704	1.933	1.530	1.269	1.182	4.00	3.017	2.086	1.624	1.339	1.236	4.00	3.478	2.265	1.730	1.415	1.323	4.00	4.221	2.471	1.829	1.496	1.380
5.50	2.770	1.985	1.561	1.286	1.197	5.50	3.065	2.115	1.644	1.356	1.266	5.50	3.532	2.293	1.754	1.437	1.332	5.50	4.256	2.500	1.859	1.522	1.389
7.00	2.840	2.065	1.668	1.407	1.308	7.00	3.124	2.191	1.701	1.371	1.335	7.00	3.558	2.340	1.773	1.454	1.346	7.00	4.290	2.536	1.893	1.561	1.397
8.50	2.918	2.161	1.757	1.500	1.406	8.50	3.182	2.263	1.806	1.510	1.407	8.50	3.581	2.398	1.884	1.565	1.448	8.50	4.323	2.571	1.958	1.622	1.482
10.00	3.001	2.247	1.835	1.578	1.483	10.00	3.243	2.326	1.866	1.580	1.475	10.00	3.637	2.462	1.942	1.621	1.509	10.00	4.356	2.645	2.017	1.680	1.545
11.50	3.079	2.333	1.926	1.670	1.573	11.50	3.313	2.397	1.943	1.656	1.549	11.50	3.704	2.529	2.000	1.677	1.566	11.50	4.388	2.709	2.075	1.737	1.593
13.00	3.157	2.419	2.017	1.762	1.663	13.00	3.382	2.468	2.020	1.733	1.628	13.00	3.758	2.602	2.077	1.755	1.638	13.00	4.446	2.761	2.136	1.793	1.657
14.50	3.255	2.510	2.109	1.854	1.754	14.50	3.462	2.545	2.098	1.812	1.705	14.50	3.820	2.664	2.146	1.825	1.710	14.50	4.507	2.821	2.201	1.863	1.724
16.00	3.357	2.602	2.201	1.946	1.850	16.00	3.544	2.622	2.175	1.891	1.786	16.00	3.894	2.727	2.215	1.894	1.779	16.00	4.567	2.881	2.267	1.932	1.789
17.50	3.453	2.693	2.293	2.039	1.941	17.50	3.627	2.699	2.253	1.970	1.865	17.50	3.970	2.789	2.284	1.963	1.850	17.50	4.631	2.941	2.332	1.995	1.854
19.00	3.549	2.790	2.389	2.136	2.041	19.00	3.709	2.782	2.336	2.053	1.945	19.00	4.052	2.859	2.354	2.033	1.919	19.00	4.702	3.005	2.397	2.058	1.921
20.50	3.646	2.888	2.485	2.233	2.141	20.50	3.791	2.866	2.419	2.137	2.028	20.50	4.133	2.930	2.424	2.104	1.991	20.50	4.774	3.071	2.461	2.121	1.984
22.00	3.742	2.985	2.582	2.330	2.237	22.00	3.873	2.950	2.502	2.221	2.111	22.00	4.215	3.001	2.494	2.175	2.061	22.00	4.846	3.138	2.526	2.184	2.049
23.50	3.838	3.081	2.678	2.427	2.333	23.50	3.953	3.037	2.585	2.304	2.196	23.50	4.292	3.075	2.564	2.246	2.132	23.50	4.916	3.204	2.591	2.253	2.116
25.00	3.935	3.179	2.776	2.524	2.430	25.00	4.033	3.122	2.667	2.386	2.279	25.00	4.368	3.151	2.638	2.320	2.208	25.00	4.984	3.271	2.660	2.321	2.183
26.50	4.031	3.278	2.876	2.621	2.526	26.50	4.113	3.207	2.749	2.468	2.361	26.50	4.444	3.229	2.713	2.394	2.283	26.50	5.051	3.337	2.728	2.389	2.252
28.00	4.128	3.377	2.975	2.718	2.622	28.00	4.193	3.292	2.831	2.550	2.443	28.00	4.519	3.307	2.787	2.469	2.356	28.00	5.119	3.403	2.797	2.455	2.320
29.50	4.230	3.475	3.078	2.815	2.718	29.50	4.282	3.377	2.913	2.632	2.525	29.50	4.598	3.384	2.861	2.543	2.428	29.50	5.188	3.470	2.866	2.517	2.386

* marked columns contain extrapolated data
rev 5-1-18