

Injector Info

Manufacturer	DeatschWerks
Part No.	18U-XX-0900-X
Resistance (Ω)	12.2
Vehicle	Not Available
Model	Not Available
Engine	Not Available
Injector Current	0.0 A
Peak Hold Ratio	4.00



Max Flow @	3bar	972 cc/min
Max Flow @	4bar	1152 cc/min
Max Flow @	5bar	1308 cc/min
Max Flow @	6bar	1432 cc/min
Max Flow @	bar	cc/min

Dead Times (μ sec)

	Fuel Pressure (bar)			
	3.0	4.0	5.0	6.0
8V	2560			
10V	1740	1920	2140	2340
12V	1320	1460	1580	1700
14V	1040	1180	1280	1360
15V	960	1060	1140	1220

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Resistance (Ω)	12.2	
Vehicle	Not Available	
Model	Not Available	
Engine	Not Available	
Peak Current	4.0 A	Minimum Volume
Hold Current	0.30 A	Ref Flow @
Peak Time	7.0 ms	300 kPa g
Off Time	Not Available ms	400 kPa g
Pin Drive	Saturated	500 kPa g
		600 kPa g
		1.00 µl
		16.21 ml/s
		19.23 ml/s
		21.83 ml/s
		23.86 ml/s
		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			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	Rows		300	400	500	600
1.00	2.745	3.090	3.756	3.753		1.00	1.903	2.065	2.251	2.478		1.00	1.233	1.303	1.377	1.453		1.00	1.146	1.204	1.262	1.327		1.00	1.146	1.204	1.262	1.327	
2.50	2.818	3.206	3.833	3.803		2.50	1.954	2.135	2.319	2.552		2.50	1.268	1.354	1.429	1.504		2.50	1.193	1.257	1.324	1.377		2.50	1.193	1.257	1.324	1.377	
4.00	2.872	3.248	3.863	3.851		4.00	1.996	2.177	2.363	2.604		4.00	1.300	1.386	1.461	1.545		4.00	1.229	1.281	1.347	1.425		4.00	1.229	1.281	1.347	1.425	
5.50	2.927	3.281	3.945	3.862		5.50	2.059	2.207	2.398	2.629		5.50	1.350	1.405	1.483	1.569		5.50	1.296	1.303	1.375	1.435		5.50	1.296	1.303	1.375	1.435	
7.00	2.981	3.314	3.963	3.871		7.00	2.136	2.278	2.427	2.665		7.00	1.480	1.454	1.540	1.608		7.00	1.356	1.377	1.415	1.445		7.00	1.356	1.377	1.415	1.445	
8.50	3.070	3.358	3.981	3.956		8.50	2.240	2.350	2.484	2.700		8.50	1.562	1.560	1.611	1.662		8.50	1.463	1.449	1.487	1.530		8.50	1.463	1.449	1.487	1.530	
10.00	3.165	3.428	3.998	4.027		10.00	2.320	2.420	2.563	2.754		10.00	1.633	1.639	1.683	1.746		10.00	1.539	1.533	1.559	1.601		10.00	1.539	1.533	1.559	1.601	
11.50	3.262	3.532	4.018	4.082		11.50	2.418	2.495	2.635	2.811		11.50	1.734	1.718	1.737	1.794		11.50	1.632	1.604	1.614	1.656		11.50	1.632	1.604	1.614	1.656	
13.00	3.359	3.614	4.095	4.134		13.00	2.512	2.573	2.702	2.866		13.00	1.827	1.797	1.809	1.843		13.00	1.722	1.683	1.685	1.708		13.00	1.722	1.683	1.685	1.708	
14.50	3.453	3.697	4.172	4.200		14.50	2.606	2.655	2.772	2.932		14.50	1.920	1.876	1.880	1.909		14.50	1.819	1.762	1.757	1.774		14.50	1.819	1.762	1.757	1.774	
16.00	3.547	3.781	4.264	4.267		16.00	2.698	2.738	2.844	3.005		16.00	2.013	1.955	1.950	1.975		16.00	1.908	1.839	1.826	1.841		16.00	1.908	1.839	1.826	1.841	
17.50	3.640	3.863	4.351	4.334		17.50	2.790	2.817	2.917	3.074		17.50	2.107	2.034	2.020	2.041		17.50	2.003	1.922	1.897	1.908		17.50	2.003	1.922	1.897	1.908	
19.00	3.732	3.944	4.431	4.396		19.00	2.882	2.895	2.990	3.141		19.00	2.200	2.111	2.090	2.106		19.00	2.095	2.000	1.969	1.970		19.00	2.095	2.000	1.969	1.970	
20.50	3.825	4.025	4.511	4.463		20.50	2.974	2.973	3.061	3.207		20.50	2.293	2.189	2.160	2.170		20.50	2.185	2.078	2.041	2.037		20.50	2.185	2.078	2.041	2.037	
22.00	3.917	4.105	4.591	4.529		22.00	3.078	3.054	3.132	3.273		22.00	2.393	2.266	2.230	2.235		22.00	2.282	2.155	2.111	2.103		22.00	2.282	2.155	2.111	2.103	
23.50	4.012	4.188	4.665	4.591		23.50	3.177	3.136	3.203	3.339		23.50	2.492	2.344	2.300	2.299		23.50	2.380	2.236	2.178	2.165		23.50	2.380	2.236	2.178	2.165	
25.00	4.106	4.270	4.737	4.655		25.00	3.275	3.218	3.273	3.408		25.00	2.587	2.427	2.371	2.363		25.00	2.476	2.318	2.248	2.229		25.00	2.476	2.318	2.248	2.229	
26.50	4.200	4.353	4.808	4.719		26.50	3.373	3.300	3.344	3.477		26.50	2.683	2.511	2.442	2.427		26.50	2.571	2.399	2.319	2.293		26.50	2.571	2.399	2.319	2.293	
28.00	4.295	4.435	4.880	4.785		28.00	3.470	3.382	3.415	3.546		28.00	2.778	2.595	2.513	2.491		28.00	2.665	2.480	2.391	2.358		28.00	2.665	2.480	2.391	2.358	
29.50	4.398	4.517	4.954	4.850		29.50	3.568	3.471	3.497	3.615		29.50	2.875	2.679	2.584	2.556		29.50	2.760	2.561	2.462	2.424		29.50	2.760	2.561	2.462	2.424	

* 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					
Rows	8	10	12	14	15	Rows	8	10	12	14	15	Rows	8	10	12	14	15	Rows	8	10	12	14	15
1.00	2.745	1.903	1.501	1.233	1.146	1.00	3.090	2.065	1.590	1.303	1.204	1.00	3.756	2.251	1.696	1.377	1.262	1.00	3.753	2.478	1.806	1.453	1.327
2.50	2.818	1.954	1.556	1.268	1.193	2.50	3.206	2.135	1.648	1.354	1.257	2.50	3.833	2.319	1.752	1.429	1.324	2.50	3.803	2.552	1.864	1.504	1.377
4.00	2.872	1.996	1.587	1.300	1.229	4.00	3.248	2.177	1.685	1.386	1.281	4.00	3.863	2.363	1.790	1.461	1.347	4.00	3.851	2.604	1.908	1.545	1.425
5.50	2.927	2.059	1.638	1.350	1.296	5.50	3.281	2.207	1.708	1.405	1.303	5.50	3.945	2.398	1.816	1.483	1.375	5.50	3.862	2.629	1.934	1.569	1.435
7.00	2.981	2.136	1.731	1.460	1.356	7.00	3.314	2.278	1.779	1.454	1.377	7.00	3.963	2.427	1.863	1.540	1.415	7.00	3.871	2.665	1.976	1.608	1.445
8.50	3.070	2.240	1.834	1.562	1.463	8.50	3.358	2.350	1.888	1.560	1.449	8.50	3.981	2.484	1.937	1.611	1.487	8.50	3.956	2.700	2.033	1.662	1.530
10.00	3.165	2.320	1.918	1.633	1.539	10.00	3.428	2.420	1.941	1.639	1.533	10.00	3.998	2.563	2.011	1.683	1.559	10.00	4.027	2.754	2.110	1.746	1.601
11.50	3.262	2.418	2.009	1.734	1.632	11.50	3.532	2.495	2.017	1.718	1.604	11.50	4.018	2.635	2.065	1.737	1.614	11.50	4.082	2.811	2.157	1.794	1.656
13.00	3.359	2.512	2.099	1.827	1.722	13.00	3.614	2.573	2.093	1.797	1.683	13.00	4.095	2.702	2.135	1.809	1.685	13.00	4.134	2.866	2.204	1.843	1.708
14.50	3.453	2.606	2.190	1.920	1.819	14.50	3.697	2.655	2.172	1.876	1.762	14.50	4.172	2.772	2.207	1.880	1.757	14.50	4.200	2.932	2.270	1.909	1.774
16.00	3.547	2.698	2.281	2.013	1.908	16.00	3.781	2.738	2.251	1.955	1.839	16.00	4.264	2.844	2.279	1.950	1.826	16.00	4.267	3.005	2.337	1.975	1.841
17.50	3.640	2.790	2.372	2.107	2.003	17.50	3.863	2.817	2.330	2.034	1.922	17.50	4.351	2.917	2.351	2.020	1.897	17.50	4.334	3.074	2.405	2.041	1.908
19.00	3.732	2.882	2.467	2.200	2.095	19.00	3.944	2.895	2.409	2.111	2.000	19.00	4.431	2.990	2.421	2.090	1.969	19.00	4.396	3.141	2.470	2.106	1.970
20.50	3.825	2.974	2.563	2.293	2.185	20.50	4.025	2.973	2.488	2.189	2.078	20.50	4.511	3.061	2.492	2.160	2.041	20.50	4.463	3.207	2.535	2.170	2.037
22.00	3.917	3.078	2.658	2.393	2.282	22.00	4.105	3.054	2.567	2.266	2.155	22.00	4.591	3.132	2.562	2.230	2.111	22.00	4.529	3.273	2.600	2.235	2.103
23.50	4.012	3.177	2.754	2.492	2.380	23.50	4.188	3.136	2.646	2.344	2.236	23.50	4.665	3.203	2.632	2.300	2.178	23.50	4.591	3.339	2.665	2.299	2.165
25.00	4.106	3.275	2.848	2.587	2.476	25.00	4.270	3.218	2.728	2.427	2.318	25.00	4.737	3.273	2.704	2.371	2.248	25.00	4.655	3.408	2.730	2.363	2.229
26.50	4.200	3.373	2.943	2.683	2.571	26.50	4.353	3.300	2.810	2.511	2.399	26.50	4.808	3.344	2.776	2.442	2.319	26.50	4.719	3.477	2.795	2.427	2.293
28.00	4.295	3.470	3.038	2.778	2.665	28.00	4.435	3.382	2.892	2.595	2.480	28.00	4.880	3.415	2.847	2.513	2.391	28.00	4.785	3.546	2.859	2.491	2.358
29.50	4.398	3.568	3.133	2.875	2.760	29.50	4.517	3.471	2.974	2.679	2.561	29.50	4.954	3.497	2.919	2.584	2.462	29.50	4.850	3.615	2.924	2.556	2.424

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