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 (µsec)

	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

rev 5-1-18

Injector Info

Manufacturer	DeatschWerks
Part No.	18U-XX-0900-X
Resistance (Ω)	12,2
Vehicle	Not Available
Model	Not Available
Engine	Not Available
Peak Current	4,0 A
Hold Current	0,30 A
Peak Time	7,0 ms
Off Time	Not Available ms
Pin Drive	Saturated

Minimum Volume		1,00 µl
Ref Flow @	300 kPa g	16,21 ml/s
Ref Flow @	400 kPa g	19,23 ml/s
Ref Flow @	500 kPa g	21,83 ml/s
Ref Flow @	600 kPa g	23,86 ml/s
Ref Flow @		ml/s

Voltages : 8 10 12 14 15

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

8 Volt

M1 Body Cols Rows	v2 ms dkPa Differential ul se Volume 300	400	500	600
1,00	2,745	3,090	3,756	3,753
2,50	2,818	3,206	3,833	3,803
4,00	2,872	3,248	3,863	3,851
5,50	2,927	3,281	3,945	3,862
7,00	2,981	3,314	3,963	3,871
8,50	3,070	3,358	3,981	3,956
10,00	3,165	3,428	3,998	4,027
11,50	3,262	3,532	4,018	4,082
13,00	3,359	3,614	4,095	4,134
14,50	3,453	3,697	4,172	4,200
16,00	3,547	3,781	4,264	4,267
17,50	3,640	3,863	4,351	4,334
19,00	3,732	3,944	4,431	4,396
20,50	3,825	4,025	4,511	4,463
22,00	3,917	4,105	4,591	4,529
23,50	4,012	4,188	4,665	4,591
25,00	4,106	4,270	4,737	4,655
26,50	4,200	4,353	4,808	4,719
28,00	4,295	4,435	4,880	4,785
29,50	4,398	4,517	4,954	4,850
			*	

10 Volt

M1 Body Cols Rows	v2 ms dkPa Differential ul se Volume 300	400	500	600
1,00	1,903	2,065	2,251	2,478
2,50	1,954	2,135	2,319	2,552
4,00	1,996	2,177	2,363	2,604
5,50	2,059	2,207	2,398	2,629
7,00	2,136	2,278	2,427	2,665
8,50	2,240	2,350	2,484	2,700
10,00	2,320	2,420	2,563	2,754
11,50	2,418	2,495	2,635	2,811
13,00	2,512	2,573	2,702	2,866
14,50	2,606	2,655	2,772	2,932
16,00	2,698	2,738	2,844	3,005
17,50	2,790	2,817	2,917	3,074
19,00	2,882	2,895	2,990	3,141
20,50	2,974	2,973	3,061	3,207
22,00	3,078	3,054	3,132	3,273
23,50	3,177	3,136	3,203	3,339
25,00	3,275	3,218	3,273	3,408
26,50	3,373	3,300	3,344	3,477
28,00	3,470	3,382	3,415	3,546
29,50	3,568	3,471	3,497	3,615

12 Volt

M1 Body Cols Rows	v2 ms dkPa Differential ul se Volume 300	400	500	600
1,00	1,501	1,590	1,696	1,806
2,50	1,556	1,648	1,752	1,864
4,00	1,587	1,685	1,790	1,908
5,50	1,638	1,708	1,816	1,934
7,00	1,731	1,779	1,863	1,976
8,50	1,834	1,868	1,937	2,033
10,00	1,918	1,941	2,011	2,110
11,50	2,009	2,017	2,065	2,157
13,00	2,099	2,093	2,135	2,204
14,50	2,190	2,172	2,207	2,270
16,00	2,281	2,251	2,279	2,337
17,50	2,372	2,330	2,351	2,405
19,00	2,467	2,409	2,421	2,470
20,50	2,563	2,488	2,492	2,535
22,00	2,658	2,567	2,562	2,600
23,50	2,754	2,646	2,632	2,665
25,00	2,848	2,728	2,704	2,730
26,50	2,943	2,810	2,776	2,795
28,00	3,038	2,892	2,847	2,859
29,50	3,133	2,974	2,919	2,924

14 Volt

M1 Body Cols Rows	v2 ms dkPa Differential ul se Volume 300	400	500	600
1,00	1,233	1,303	1,377	1,453
2,50	1,268	1,354	1,429	1,504
4,00	1,300	1,386	1,461	1,545
5,50	1,350	1,405	1,483	1,569
7,00	1,460	1,454	1,540	1,608
8,50	1,562	1,560	1,611	1,662
10,00	1,633	1,639	1,683	1,746
11,50	1,734	1,718	1,737	1,794
13,00	1,827	1,797	1,809	1,843
14,50	1,920	1,876	1,880	1,909
16,00	2,013	1,955	1,950	1,975
17,50	2,107	2,034	2,020	2,041
19,00	2,200	2,111	2,090	2,106
20,50	2,293	2,189	2,160	2,170
22,00	2,393	2,266	2,230	2,235
23,50	2,492	2,344	2,300	2,299
25,00	2,587	2,427	2,371	2,363
26,50	2,683	2,511	2,442	2,427
28,00	2,778	2,595	2,513	2,491
29,50	2,875	2,679	2,584	2,556

15 Volt

M1 Body Cols Rows	v2 ms dkPa Differential ul se Volume 300	400	500	600
1,00	1,146	1,204	1,262	1,327
2,50	1,193	1,257	1,324	1,377
4,00	1,229	1,281	1,347	1,425
5,50	1,296	1,303	1,375	1,435
7,00	1,356	1,377	1,415	1,445
8,50	1,463	1,449	1,487	1,530
10,00	1,539	1,533	1,559	1,601
11,50	1,632	1,604	1,614	1,656
13,00	1,722	1,683	1,685	1,708
14,50	1,819	1,762	1,757	1,774
16,00	1,908	1,839	1,826	1,841
17,50	2,003	1,922	1,897	1,908
19,00	2,095	2,000	1,969	1,970
20,50	2,185	2,078	2,041	2,037
22,00	2,282	2,155	2,111	2,103
23,50	2,380	2,236	2,178	2,165
25,00	2,476	2,318	2,248	2,229
26,50	2,571	2,399	2,319	2,293
28,00	2,665	2,480	2,391	2,358
29,50	2,760	2,561	2,462	2,424

*** marked columns contain extrapolated data**

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

300

	8	10	12	14	15
1,00	2,745	1,903	1,501	1,233	1,146
2,50	2,818	1,954	1,556	1,268	1,193
4,00	2,872	1,996	1,587	1,300	1,229
5,50	2,927	2,059	1,638	1,350	1,296
7,00	2,981	2,136	1,731	1,460	1,356
8,50	3,070	2,240	1,834	1,562	1,463
10,00	3,165	2,320	1,918	1,633	1,539
11,50	3,262	2,418	2,009	1,734	1,632
13,00	3,359	2,512	2,099	1,827	1,722
14,50	3,453	2,606	2,190	1,920	1,819
16,00	3,547	2,698	2,281	2,013	1,908
17,50	3,640	2,790	2,372	2,107	2,003
19,00	3,732	2,882	2,467	2,200	2,095
20,50	3,825	2,974	2,563	2,293	2,185
22,00	3,917	3,078	2,658	2,393	2,282
23,50	4,012	3,177	2,754	2,492	2,380
25,00	4,106	3,275	2,848	2,587	2,476
26,50	4,200	3,373	2,943	2,683	2,571
28,00	4,295	3,470	3,038	2,778	2,665
29,50	4,398	3,568	3,133	2,875	2,760

400

	8	10	12	14	15
1,00	3,090	2,065	1,590	1,303	1,204
2,50	3,206	2,135	1,648	1,354	1,257
4,00	3,248	2,177	1,685	1,386	1,281
5,50	3,281	2,207	1,708	1,405	1,303
7,00	3,314	2,278	1,779	1,454	1,377
8,50	3,358	2,350	1,868	1,560	1,449
10,00	3,428	2,420	1,941	1,639	1,533
11,50	3,532	2,495	2,017	1,718	1,604
13,00	3,614	2,573	2,093	1,797	1,683
14,50	3,697	2,655	2,172	1,876	1,762
16,00	3,781	2,738	2,251	1,955	1,839
17,50	3,863	2,817	2,330	2,034	1,922
19,00	3,944	2,895	2,409	2,111	2,000
20,50	4,025	2,973	2,488	2,189	2,078
22,00	4,105	3,054	2,567	2,266	2,155
23,50	4,188	3,136	2,646	2,344	2,236
25,00	4,270	3,218	2,728	2,427	2,318
26,50	4,353	3,300	2,810	2,511	2,399
28,00	4,435	3,382	2,892	2,595	2,480
29,50	4,517	3,471	2,974	2,679	2,561

500

	8	10	12	14	15
1,00	3,756	2,251	1,696	1,377	1,262
2,50	3,833	2,319	1,752	1,429	1,324
4,00	3,863	2,363	1,790	1,461	1,347
5,50	3,945	2,398	1,816	1,483	1,375
7,00	3,963	2,427	1,863	1,540	1,415
8,50	3,981	2,484	1,937	1,611	1,487
10,00	3,998	2,563	2,011	1,683	1,559
11,50	4,018	2,635	2,065	1,737	1,614
13,00	4,095	2,702	2,135	1,809	1,685
14,50	4,172	2,772	2,207	1,880	1,757
16,00	4,264	2,844	2,279	1,950	1,826
17,50	4,351	2,917	2,351	2,020	1,897
19,00	4,431	2,990	2,421	2,090	1,969
20,50	4,511	3,061	2,492	2,160	2,041
22,00	4,591	3,132	2,562	2,230	2,111
23,50	4,665	3,203	2,632	2,300	2,178
25,00	4,737	3,273	2,704	2,371	2,248
26,50	4,808	3,344	2,776	2,442	2,319
28,00	4,880	3,415	2,847	2,513	2,391
29,50	4,954	3,497	2,919	2,584	2,462

600

	8	10	12	14	15
1,00	3,753	2,478	1,806	1,453	1,327
2,50	3,803	2,552	1,864	1,504	1,377
4,00	3,851	2,604	1,908	1,545	1,425
5,50	3,862	2,629	1,934	1,569	1,435
7,00	3,871	2,665	1,976	1,608	1,445
8,50	3,956	2,700	2,033	1,662	1,530
10,00	4,027	2,754	2,110	1,746	1,601
11,50	4,082	2,811	2,157	1,794	1,656
13,00	4,134	2,866	2,204	1,843	1,708
14,50	4,200	2,932	2,270	1,909	1,774
16,00	4,267	3,005	2,337	1,975	1,841
17,50	4,334	3,074	2,405	2,041	1,908
19,00	4,396	3,141	2,470	2,106	1,970
20,50	4,463	3,207	2,535	2,170	2,037
22,00	4,529	3,273	2,600	2,235	2,103
23,50	4,591	3,339	2,665	2,299	2,165
25,00	4,655	3,408	2,730	2,363	2,229
26,50	4,719	3,477	2,795	2,427	2,293
28,00	4,785	3,546	2,859	2,491	2,358
29,50	4,850	3,615	2,924	2,556	2,424
		*			

*** marked columns contain extrapolated data**

rev 5-1-18