

World Products Cylinder Head Flow Data

06/01/09

All heads are flowed with a std 3/4" intake plate/No exhaust tube and at 28"										
<b>011150</b>	<b>Sportsman II</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a bowl blend 1" down 1" radiused entry plate on the intake port, No exhaust tube, Race Master valves of a -2 assembly on 1020										
Intake	2.020"	62	127	181	219	234	243	240	241	Super Flow 1020
Exhaust	1.600"	48	86	117	135	148	163	174	181	Super Flow 1020
Intake	2.020"	65	134	191	231	246	256	253	254	Super Flow 600
Exhaust	1.600"	51	91	123	142	156	172	183	191	Super Flow 600
<b>042660</b>	<b>S/R Torquer</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a bowl blend 1" down 1" radiused entry plate on the intake port, No exhaust tube, Race Master valves of a -2 assembly on 1020										
Intake	2.020"	60	123	177	206	223	211	208	206	Super Flow 1020
Exhaust	1.600"	50	97	130	139	143	145	146	146	Super Flow 1020
Intake	2.020"	63	129	186	217	235	222	219	217	Super Flow 600
Exhaust	1.600"	53	102	137	146	151	153	154	154	Super Flow 600
<b>043610</b>	<b>S/R</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a bowl blend 1" down 1" radiused entry plate on the intake port, No exhaust tube, Race Master valves of a -2 assembly on 1020										
Intake	1.940"	55	120	173	205	220	214	206	206	Super Flow 1020
Exhaust	1.500"	44	86	119	140	153	160	161	161	Super Flow 1020
Intake	1.940"	58	126	182	216	232	225	217	217	Super Flow 600
Exhaust	1.500"	46	91	125	147	161	168	169	169	Super Flow 600
<b>014150</b>	<b>Motown 220 Iron</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a bowl blend 1" down 1" radiused entry plate on the intake port, No exhaust tube, Race Master valves of a -2 assembly on 1020										
Intake	2.080"	63	125	181	223	253	270	273	270	Super Flow 1020
Exhaust	1.600"	53	111	146	167	180	188	192	195	Super Flow 1020
Intake	2.080"	66	132	191	235	266	284	287	284	Super Flow 600
Exhaust	1.600"	56	117	154	176	189	198	202	205	Super Flow 600
<b>024015</b>	<b>Motown V 215 Alum.</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a bowl blend 1" down 1" radiused entry plate on the intake port, No exhaust tube, Race Master valves of a -2 assembly on 1020										
Intake	2.080"	66	122	171	216	250	265	255	255	Super Flow 1020
Exhaust	1.600"	51	102	134	154	168	177	184	187	Super Flow 1020
Intake	2.080"	69	128	180	227	263	279	268	268	Super Flow 600
Exhaust	1.600"	54	107	141	162	177	186	194	197	Super Flow 600
<b>024020</b>	<b>Motown 235 Alum.</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a bowl blend 1" down 1" radiused entry plate on the intake port, No exhaust tube, Race Master valves of a -2 assembly on 1020										
Intake	2.080"	62	128	188	235	270	281	285	286	Super Flow 1020
Exhaust	1.600"	53	102	140	165	183	193	200	204	Super Flow 1020
Intake	2.080"	65	135	198	247	284	296	300	301	Super Flow 600
Exhaust	1.600"	56	107	147	174	193	203	211	215	Super Flow 600
<b>024020-CNC</b>	<b>Motown 250 Alum.</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with CNC porting, 1" radiused entry plate on the intake port, No exhaust tube, Race Master valves of a -2 assembly on 1020										
Intake	2.100"	69	130	196	249	282	294	303	306	Super Flow 1020
Exhaust	1.600"	63	117	158	183	200	211	218	220	Super Flow 1020
Intake	2.100"	73	137	206	262	297	309	319	322	Super Flow 600
Exhaust	1.600"	66	123	166	193	211	222	229	232	Super Flow 600

<b>030040</b>	<b>Merlin 269 Iron</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a bowl blend 1" down 1" radiused entry plate on the intake port, No exhaust tube, Race Master valves of a -2 assembly on 1020										
Intake	2.190"	71	137	202	261	307	334	337	324	Super Flow 1020
Exhaust	1.880"	62	115	157	192	227	249	260	268	Super Flow 1020
Intake	2.190"	75	144	213	275	323	352	355	341	Super Flow 600
Exhaust	1.880"	65	121	165	202	239	262	274	282	Super Flow 600
<b>030620</b>	<b>Merlin 310 Iron</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a bowl blend 1" down 1" radiused entry plate on the intake port, No exhaust tube, Race Master valves of a -2 assembly on 1020										
Intake	2.300"	75	137	198	254	305	345	364	355	Super Flow 1020
Exhaust	1.880"	56	94	143	183	220	246	262	272	Super Flow 1020
Intake	2.300"	79	144	208	267	321	363	383	374	Super Flow 600
Exhaust	1.880"	59	99	151	193	232	259	276	286	Super Flow 600
<b>030630</b>	<b>Merlin 345 Iron</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a bowl blend 1" down 1" radiused entry plate on the intake port, No exhaust tube, Race Master valves of a -2 assembly on 1020										
Intake	2.300"	73	138	202	257	310	348	370	355	Super Flow 1020
Exhaust	1.880"	57	97	151	194	227	248	261	270	Super Flow 1020
Intake	2.300"	77	145	213	271	326	366	389	374	Super Flow 600
Exhaust	1.880"	60	102	159	204	239	261	275	284	Super Flow 600
<b>020650</b>	<b>Merlin 320 Alum.</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a bowl blend 1" down 1" radiused entry plate on the intake port, No exhaust tube, Race Master valves of a -2 assembly on 1020										
Intake	2.300"	73	141	207	264	304	334	353	356	Super Flow 1020
Exhaust	1.880"	66	114	147	176	204	230	250	266	Super Flow 1020
Intake	2.300"	77	148	218	278	320	352	372	375	Super Flow 600
Exhaust	1.880"	69	120	155	185	215	242	263	280	Super Flow 600
<b>020650CNC</b>	<b>Merlin 350x135CC</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a CNC porting 1" radiused entry plate on the intake port, No exhaust tube, severe duty valves of a -3 assembly on 1020										
Intake	2.300"	78	142	209	274	323	362	392	405	Super Flow 1020
Exhaust	1.880"	65	114	148	190	230	256	280	297	Super Flow 1020
Intake	2.300"	82	149	220	288	340	381	413	426	Super Flow 600
Exhaust	1.880"	68	120	156	200	242	269	295	313	Super Flow 600
<b>020660</b>	<b>Merlin 345 Alum.</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a bowl blend 1" down 1" radiused entry plate on the intake port, No exhaust tube, Race Master valves of a -2 assembly on 1020										
Intake	2.300"	78	145	210	270	314	351	379	393	Super Flow 1020
Exhaust	1.880"	67	103	143	175	206	233	254	270	Super Flow 1020
Intake	2.300"	82	153	221	284	331	369	399	414	Super Flow 600
Exhaust	1.880"	71	108	151	184	217	245	267	284	Super Flow 600
<b>020660-CNC</b>	<b>Merlin 375 Alum.</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a CNC Porting 1" radiused entry plate on the intake port, No exhaust tube, severe duty valves of a -3 assembly on 1020										
Intake	2.300"									Super Flow 1020
Exhaust	1.880"									Super Flow 1020
Intake	2.300"									Super Flow 600
Exhaust	1.880"									Super Flow 600
<b>020750</b>	<b>Merlin 345 Alum 16o</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a bowl blend 1" down 1" radiused entry plate on the intake port, No exhaust tube, Severe Duty valves of a -3 assembly on 1020										
Intake	2.350"	73	127	178	233	288	332	360	372	Super Flow 1020
Exhaust	1.880"	61	102	141	174	203	226	241	252	263 Super Flow 1020
Intake	2.350"	77	134	187	245	303	349	379	392	Super Flow 600
Exhaust	1.880"	64	107	148	183	214	238	254	265	Super Flow 600
<b>020750-CNC</b>	<b>Merlin 345 Alum 16o</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a CNC porting 1" radiused entry plate on the intake port, No exhaust tube, Severe Duty valves of a -3 assembly on 1020										
Intake	2.350"	65	136	217	284	332	371	404	428	Super Flow 1020
Exhaust	1.880"	53	120	168	195	219	242	259	272	Super Flow 1020
Intake	2.350"	68	143	228	299	349	391	425	451	Super Flow 600
Exhaust	1.880"	56	126	177	205	231	255	273	286	Super Flow 600

<b>053030</b>	<b>Windsor Jr Iron</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a bowl blend 1" down 1" radiused entry plate on the intake port, No exhaust tube, Race Master valves of a -2 assembly on 1020										
Intake	1.940"	72	121	159	193	219	234	236	236	Super Flow 1020
Exhaust	1.600"	50	79	111	134	149	160	166	169	Super Flow 1020
Intake	1.940"	76	127	167	203	231	246	248	248	Super Flow 600
Exhaust	1.600"	53	83	117	141	157	168	175	178	Super Flow 600
<b>053040</b>	<b>Windsor Sr. Iron</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a bowl blend 1" down 1" radiused entry plate on the intake port, No exhaust tube, Race Master valves of a -2 assembly on 1020										
Intake	2.020"	63	123	175	215	244	251	255	255	Super Flow 1020
Exhaust	1.600"	56	101	141	165	172	174	176	177	Super Flow 1020
Intake	2.020"	66	129	184	226	257	264	268	268	Super Flow 600
Exhaust	1.600"	59	106	148	174	181	183	185	186	Super Flow 600
<b>023005</b>	<b>Manowar 200 Alum.</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a bowl blend 1" down 1" radiused entry plate on the intake port, No exhaust tube, Race Master valves of a -2 assembly on 1020										
Intake	2.020"	64	123	176	216	245	269	284	291	Super Flow 1020
Exhaust	1.600"	51	102	134	160	175	183	188	190	Super Flow 1020
Intake	2.020"	67	129	185	227	258	283	299	306	Super Flow 600
Exhaust	1.600"	54	107	141	168	184	193	198	200	Super Flow 600
<b>023005-CNC</b>	<b>Manowar 228x73CC</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a CNC porting 1" radiused entry plate on the intake port, No exhaust tube, severe duty valves of a -3 assembly on 1020										
Intake	2.080"	65	128	185	226	255	281	293	302	Super Flow 1020
Exhaust	1.600"	56	102	137	169	191	206	214	217	Super Flow 1020
Intake	2.080"	68	135	195	238	268	296	308	318	Super Flow 600
Exhaust	1.600"	59	107	144	178	201	217	225	228	Super Flow 600
<b>023010</b>	<b>Manowar 225 Alum.</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a bowl blend 1" down 1" radiused entry plate on the intake port, No exhaust tube, Race Master valves of a -2 assembly on 1020										
Intake	2.080"	59	112	165	208	240	268	284	297	Super Flow 1020
Exhaust	1.600"	48	96	134	161	177	183	188	190	Super Flow 1020
Intake	2.080"	62	118	174	219	253	282	299	313	Super Flow 600
Exhaust	1.600"	51	101	141	169	186	193	198	200	Super Flow 600
<b>023010-CNC</b>	<b>Manowar 242x75CC</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a CNC porting 1" radiused entry plate on the intake port, No exhaust tube, severe duty valves of a -3 assembly on 1020										
Intake	2.100"	61	118	173	219	253	283	303	310	Super Flow 1020
Exhaust	1.600"	58	104	142	170	183	189	193	195	Super Flow 1020
Intake	2.100"	64	124	182	231	266	298	319	326	Super Flow 600
Exhaust	1.600"	61	109	149	179	193	199	203	205	Super Flow 600
<b>023012</b>	<b>Manowar 275 Alum.</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a bowl blend 1" down 1" radiused entry plate on the intake port, No exhaust tube, Severe Duty valves of a -3 assembly on 1020										
Intake	2.200"	69	141	209	269	311	334	347	330	Super Flow 1020
Exhaust	1.600"	60	116	158	194	211	225	231	234	Super Flow 1020
Intake	2.200"	73	148	220	283	327	352	365	347	Super Flow 600
Exhaust	1.600"	63	122	166	204	222	237	243	246	Super Flow 600
<b>023015</b>	<b>Manowar 285 Alum.</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a bowl blend 1" down 1" radiused entry plate on the intake port, No exhaust tube, Severe Duty valves of a -3 assembly on 1020										
Intake	2.200"	60	111	173	237	293	331	353	334	Super Flow 1020
Exhaust	1.600"	49	92	131	164	192	219	232	238	Super Flow 1020
Intake	2.200"	63	117	182	249	308	348	372	352	Super Flow 600
Exhaust	1.600"	52	97	138	173	202	231	244	251	Super Flow 600
<b>023015-CNC</b>	<b>Manowar 100 310x106CC</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	<b>.900</b>
flowed at 28" with a CNC porting 1" radiused entry plate on the intake port, No exhaust tube, Severe Duty valves of a -3 assembly on 1020										
Intake	2.200"	62	133	201	260	310	345	362	371	Super Flow 1020
Exhaust	1.600"	50	101	137	164	185	207	221	228	Super Flow 1020
Intake	2.200"	65	140	212	274	326	363	381	391	Super Flow 600
Exhaust	1.600"	53	106	144	173	195	218	233	240	Super Flow 600

<b>025150</b>	<b>Warhawk LS-1</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a bowl blend 1" down 1" radiused entry plate on the intake port, No exhaust tube, severe duty valves of a -3 assembly on 1020										
Intake	2.080'	68	139	199	241	268	289	297	305	Super Flow 1020
Exhaust	1.600"	60	112	147	176	194	204	210	212	Super Flow 1020
Intake	2.080'	72	146	209	254	282	304	313	321	Super Flow 600
Exhaust	1.600"	63	118	155	185	204	215	221	223	Super Flow 600

<b>025150CNC</b>	<b>Warhawk LS-1 255x90cc</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a CNC porting 1" radiused entry plate on the intake port, No exhaust tube, Severe Duty valves of a -3 assembly on 1020										
Intake	2.100"	64	130	198	255	292	315	328	330	Super Flow 1020
Exhaust	1.600"	59	117	161	198	221	234	240	243	Super Flow 1020
Intake	2.100"	67	137	208	268	307	332	345	347	Super Flow 600
Exhaust	1.600"	62	123	169	208	233	246	253	256	Super Flow 600

<b>025350</b>	<b>Warhawk LS-7</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a bowl blend 1" down 1" radiused entry plate on the intake port, No exhaust tube, severe duty valves of a -3 assembly on 1020										
Intake	2.200"	55	117	184	243	289	316	336	318	Super Flow 1020
Exhaust	1.600"	33	63	105	141	166	183	193	200	Super Flow 1020
Intake	2.200"	58	123	194	256	304	333	354	335	Super Flow 600
Exhaust	1.600"	35	66	111	148	175	193	203	211	Super Flow 600

<b>025350-CNC</b>	<b>Warhawk LS-7 296x110CC</b>	<b>.100</b>	<b>.200</b>	<b>.300</b>	<b>.400</b>	<b>.500</b>	<b>.600</b>	<b>.700</b>	<b>.800</b>	
flowed at 28" with a CNC porting 1" radiused entry plate on the intake port, No exhaust tube, Severe Duty valves of a -3 assembly on 1020										
Intake	2.200"	72	169	229	294	339	368	376	383	Super Flow 1020
Exhaust	1.600"	52	103	152	188	214	237	251	260	Super Flow 1020
Intake	2.200"	76	178	241	309	357	387	396	403	Super Flow 600
Exhaust	1.600"	55	108	160	198	225	249	264	274	Super Flow 600