Port Flow Analyzer v3.0 | ROSS SPORT LTD | This Report Printed:
Test: MITSABUSHY EVO9 STD | | 1:25 pm 12-02-06
Folder: CNC HEADS | Performance Trends (C) 1999 | Page: 1

Head #: MITS EVO 9 STD
Customer: ric
Operator: jim garrard

Bore Adapter Diameter: 3.9375 "
Int Port Adapter: Clay
Exh Port Adapter: Short 'stub stack'

Report Comparing 2 Heads

	Current Test	Comparison Test
Folder Name:	CNC HEADS	CNC HEADS
File Name:	MITSABUSHY EVO9 STD	MITSABUSHY EVO BV DEV
Test Date:	10/25/2006	11/29/2006
Test Time:	9:52 am	10:09 am
Intake:		
Tested at:	10"	10"
# Valves:	2	2
Valve Dia:	1.41	1.377
Stem Dia:	.234	.257
AvgPort Area:	1.58	1.58
Throat Dia:	1.25	1.153
Seat Angle:	45	45
Exhaust:		
Tested at:	10."	10."
# Valves:	2	2
Valve Dia:	1.259	1.24
Stem Dia:	.234	.257
AvgPort Area:	1.44	1.44
Throat Dia:	1.08	1.066
Seat Angle:	45	45

Port	# Pnts	Lift (in)	Cyl 1 CrCFM 10.0"	# Pnts	Lift (in)	Cyl 1 CrCFM 10.0"	--Difference-- CFM	%
One Cyl Int	1	.000	.0	1	.000	.0	0.0	
One Cyl Int	1	.050	22.3	1	.050	25.5	3.2	14.3
One Cyl Int	1	.100	46.1	1	.100	53.4	7.3	15.8
One Cyl Int	1	.150	68.7	1	.150	79.6	10.9	15.9
One Cyl Int	1	.200	92.1	1	.200	105.5	13.4	14.5
One Cyl Int	1	.250	112.5	1	.250	127.0	14.5	12.9
One Cyl Int	1	.300	126.2	1	.300	143.6	17.4	13.8
One Cyl Int	1	.350	130.7	1	.350	157.4	26.7	20.4
One Cyl Int	1	.400	132.8	1	.400	166.0	33.2	25.0
One Cyl Int	1	.450	134.9	1	.450	171.0	36.1	26.8
One Cyl Int	1	.500	135.8	1	.500	174.2	38.4	28.3
One Cyl Exh	1	.000	.0	1	.000	.0	0.0	
One Cyl Exh	1	.100	43.0	1	.100	50.7	7.7	17.9
One Cyl Exh	1	.200	96.4	1	.200	111.2	14.8	15.4
One Cyl Exh	1	.300	121.0	1	.300	142.6	21.6	17.9
One Cyl Exh	1	.400	131.1	1	.400	161.9	30.8	23.5
One Cyl Exh	1	.500	134.8	1	.500	175.6	40.8	30.3