



Port Flow Analyzer v3.5 B  
 Eng: GPI BR7 2.200  
 Calculated Test Results

Kuntzpower.com  
 870-246-2595  
 Performance Trends (C) 2018

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Head #: Bore Adapter Diameter: 4.155 "  
 Customer: GPI Int Port Adapter: Radiused Inlet  
 Operator: Aaron Exh Port Adapter: None (no adapter)

Test Comments:  
 Brodix GPI LS7 2.200 45 deg valve Job

Report of:	Test Time	Tested at	Corr to	# Vlvs	Vlv Dia	Stem Dia	Port Area
All 1	6:21 pm	Int: 28"	28.0"	1	2.2"	.313"	3.03 sq in
Cylinders	10/13/2020	Exh: 28"	28.0"	1	1.614"	.313"	2.17 sq in

Port	Lift	L/D	Corr CFM	VlvArea sq.in	CFM / sq.in	FlwArea sq.in	Flow Coef.	Swirl	Valve Velocity	Port Velocity	% Exh/Int
Int #3	.250	.114	178.8	1.728	103.45	1.226	.710	-1009	248.3	441.7	
Int #3	.300	.136	219.1	2.073	105.66	1.503	.725	-927	253.6	173.6	
Int #3	.350	.159	255.4	2.419	105.56	1.752	.724	-829	253.4	202.4	
Int #3	.400	.182	285.4	2.765	103.22	1.958	.708	-796	247.7	226.2	
Int #3	.450	.205	308.7	3.110	99.25	2.118	.681	-725	238.2	244.6	
Int #3	.500	.227	332.9	3.456	96.32	2.284	.661	-611	231.2	263.8	
Int #3	.550	.250	355.7	3.724	95.51	2.441	.655	-984	229.2	281.9	
Int #3	.600	.273	374.1	3.724	100.44	2.567	.689	-1053	241.1	296.5	
Int #3	.650	.295	387.1	3.724	103.93	2.656	.713	-1243	249.4	306.8	
Int #3	.700	.318	397.8	3.724	106.82	2.730	.733	-1256	256.4	315.3	
Int #3	.750	.341	401.9	3.724	107.90	2.757	.740	-1610	259.0	318.5	
Int #3	.800	.364	406.3	3.724	109.10	2.788	.749	-1700	261.8	322.1	
Int #3	.850	.386	413.5	3.724	111.03	2.837	.762	-1748	266.5	327.7	
Int #3	.900	.409	414.0	3.724	111.15	2.840	.763	-2000	266.8	328.1	
Exh #3	.250	.155	122.6	1.268	96.72	.841	.664	0	232.1	135.4	68.6
Exh #3	.300	.186	142.2	1.521	93.48	.976	.641	0	224.4	157.0	64.9
Exh #3	.350	.217	159.9	1.775	90.10	1.097	.618	0	216.2	176.6	62.6
Exh #3	.400	.248	175.7	1.969	89.23	1.205	.612	0	214.2	194.0	61.6
Exh #3	.450	.279	189.9	1.969	96.45	1.303	.662	0	231.5	209.7	61.5
Exh #3	.500	.310	197.2	1.969	100.14	1.353	.687	0	240.3	217.7	59.2
Exh #3	.550	.341	206.3	1.969	104.80	1.416	.719	0	251.5	227.9	58.0
Exh #3	.600	.372	213.6	1.969	108.49	1.466	.744	0	260.4	235.9	57.1
Exh #3	.650	.403	219.0	1.969	111.22	1.503	.763	0	266.9	241.8	56.6
Exh #3	.700	.434	220.9	1.969	112.18	1.516	.770	0	269.2	243.9	55.5
Exh #3	.750	.465	225.6	1.969	114.59	1.548	.786	0	275.0	249.1	56.1
Exh #3	.800	.496	226.9	1.969	115.23	1.557	.791	0	276.5	250.5	55.8
Exh #3	.850	.527	228.8	1.969	116.19	1.570	.797	0	278.9	252.6	55.3
Exh #3	.900	.558	230.0	1.969	116.83	1.578	.802	0	280.4	254.0	55.6