

STSC 90-38

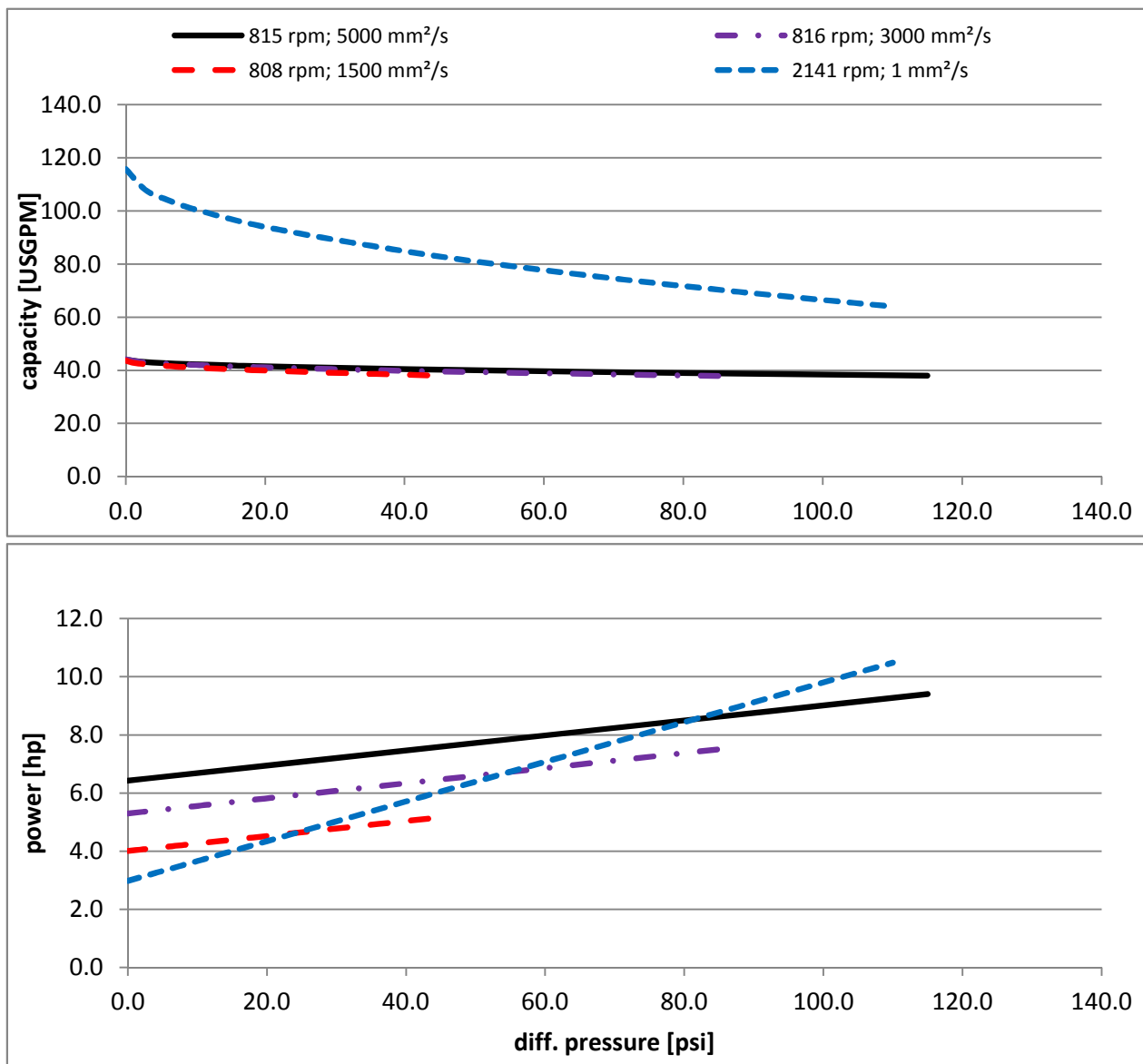
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	I	II	II	IV	V	VI
speed [rpm]	815	816	808	2141		
hertz [hz][1,800 rpm]	27	27	27	71		
% of synchronous speed [1,800 rpm]	45	45	45	119		
diff. pressure [psi]	115	85	45	110		
kinem. viscosity [mm ² /s]	5000	3000	1500	1		
capacity [USGPM]	65.0	64.9	65.0	119.9		
power [hp]	10.8	8.5	5.6	15.7		
operating torque [lbf*ft]	69.4	54.5	36.2	38.4		
total efficiency [%]	40.5	38.0	30.6	49.2		
mech./hydr. efficiency [%]	46.8	44.1	35.1	80.9		
volumetric efficiency [%]	86.5	86.3	87.2	60.7		
NPSHr [ft]	2.88	2.69	2.48	3.40		
noise level [dB(A)]	69.4	69.2	68.7	75.4		
max. diff. pressure [psi]	232.1	232.1	232.1	232.1		
max. speed [rpm]	818	994	1319	3000		

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Date: 8/1/2012
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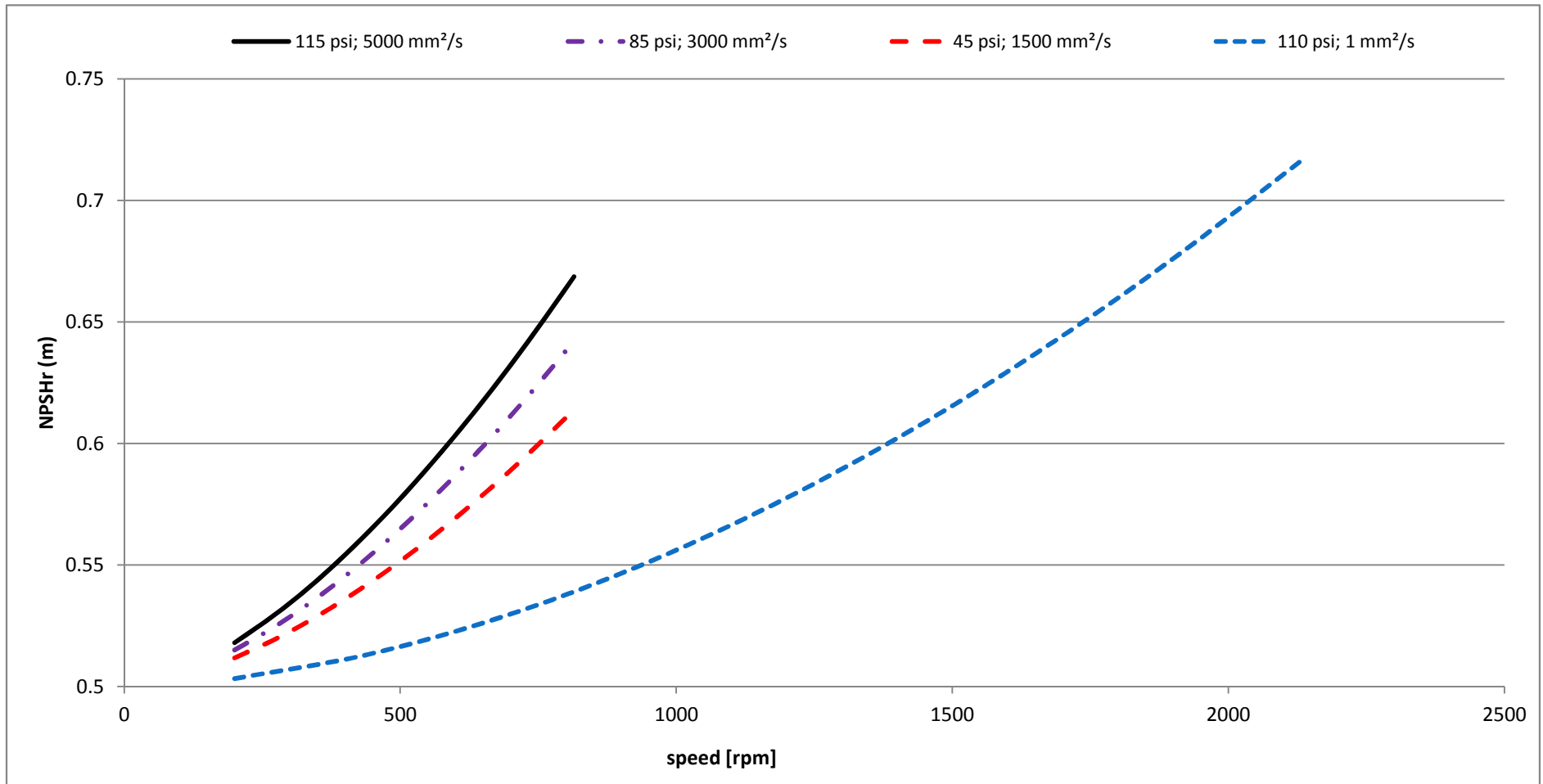
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AXIFLOW 
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1955 Vaughn Road
Kennesaw, GA 30144
www.axiflowtechnologies.com

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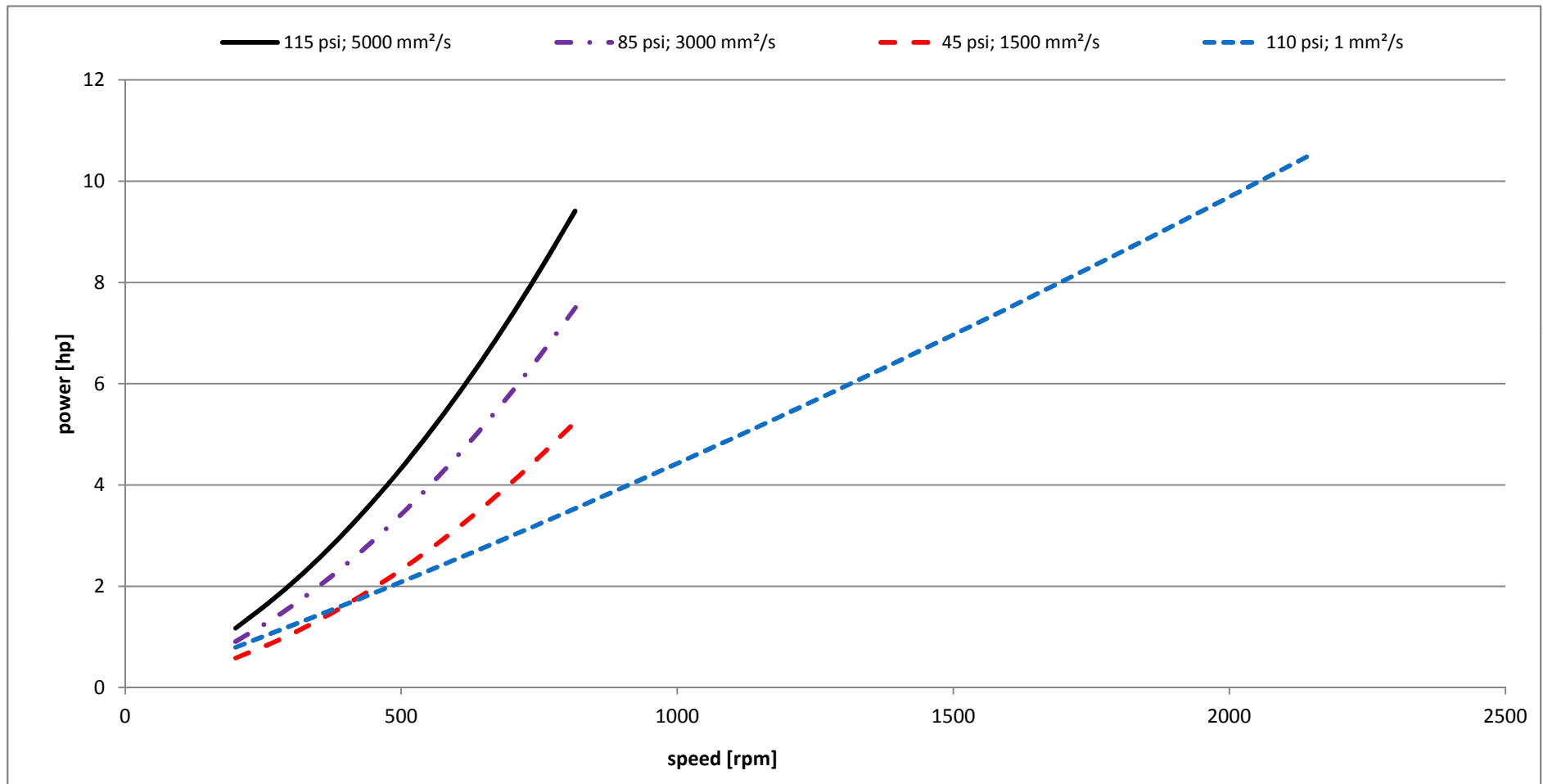
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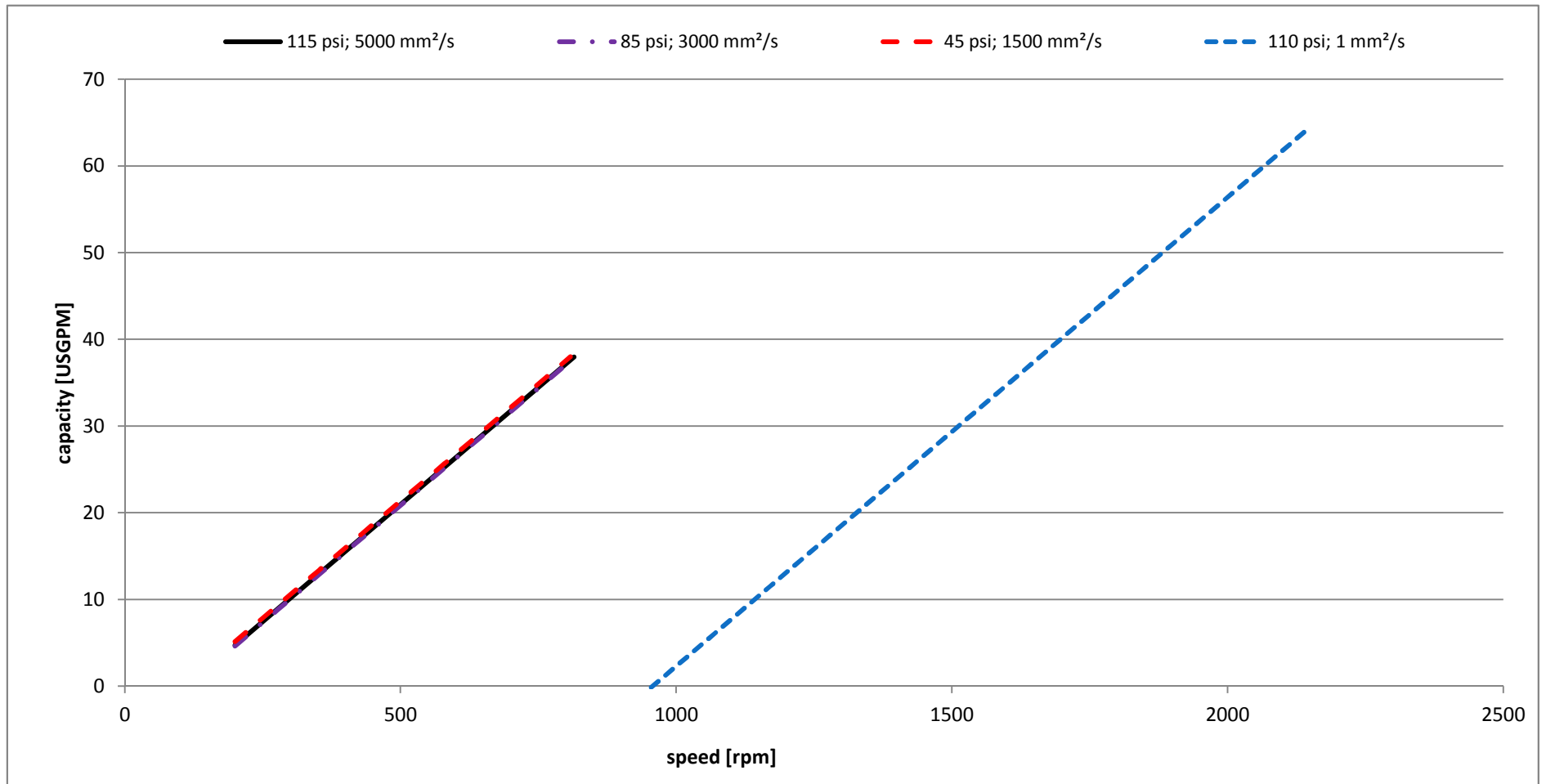
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