

## STSC 70-50

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CLIENT:  
LOCATION:  
INQUIRY CONTACT:  
PROJECT TITLE:  
MEDIUM:  
TAG NO(S).:  
QUOTATION/ORDER NO.: \_\_\_\_\_

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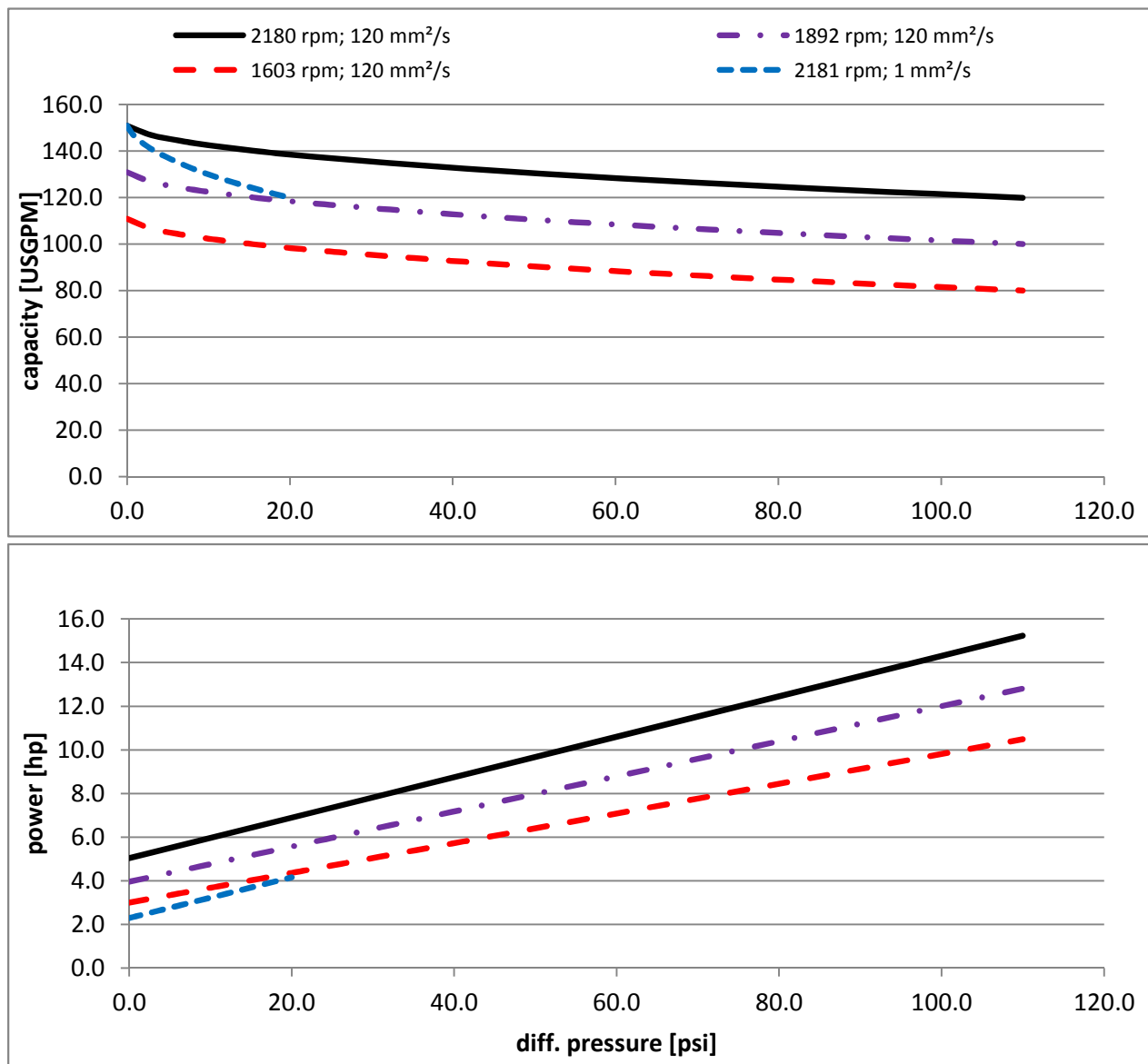
	I	II	II	IV	V	VI
speed [rpm]	2180	1892	1603	2181		
hertz [hz][1,800 rpm]	73	63	53	73		
% of synchronous speed [1,800 rpm]	121	105	89	121		
diff. pressure [psi]	110	110	110	20		
kinem. viscosity [mm <sup>2</sup> /s]	120	120	120	1		
capacity [USGPM]	119.9	100.0	80.0	119.9		
power [hp]	15.2	12.8	10.5	4.2		
operating torque [lbf*ft]	36.7	35.5	34.4	10.0		
total efficiency [%]	50.5	50.1	48.9	33.7		
mech./hydr. efficiency [%]	66.9	69.0	71.4	44.6		
volumetric efficiency [%]	75.5	72.6	68.5	75.5		
NPSHr [ft]	5.62	4.76	3.98	4.61		
noise level [dB(A)]	75.2	74.2	73.1	74.1		
max. diff. pressure [psi]	116.0	116.0	116.0	116.0		
max. speed [rpm]	3600	3600	3600	3600		

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Date: 4/26/2012  
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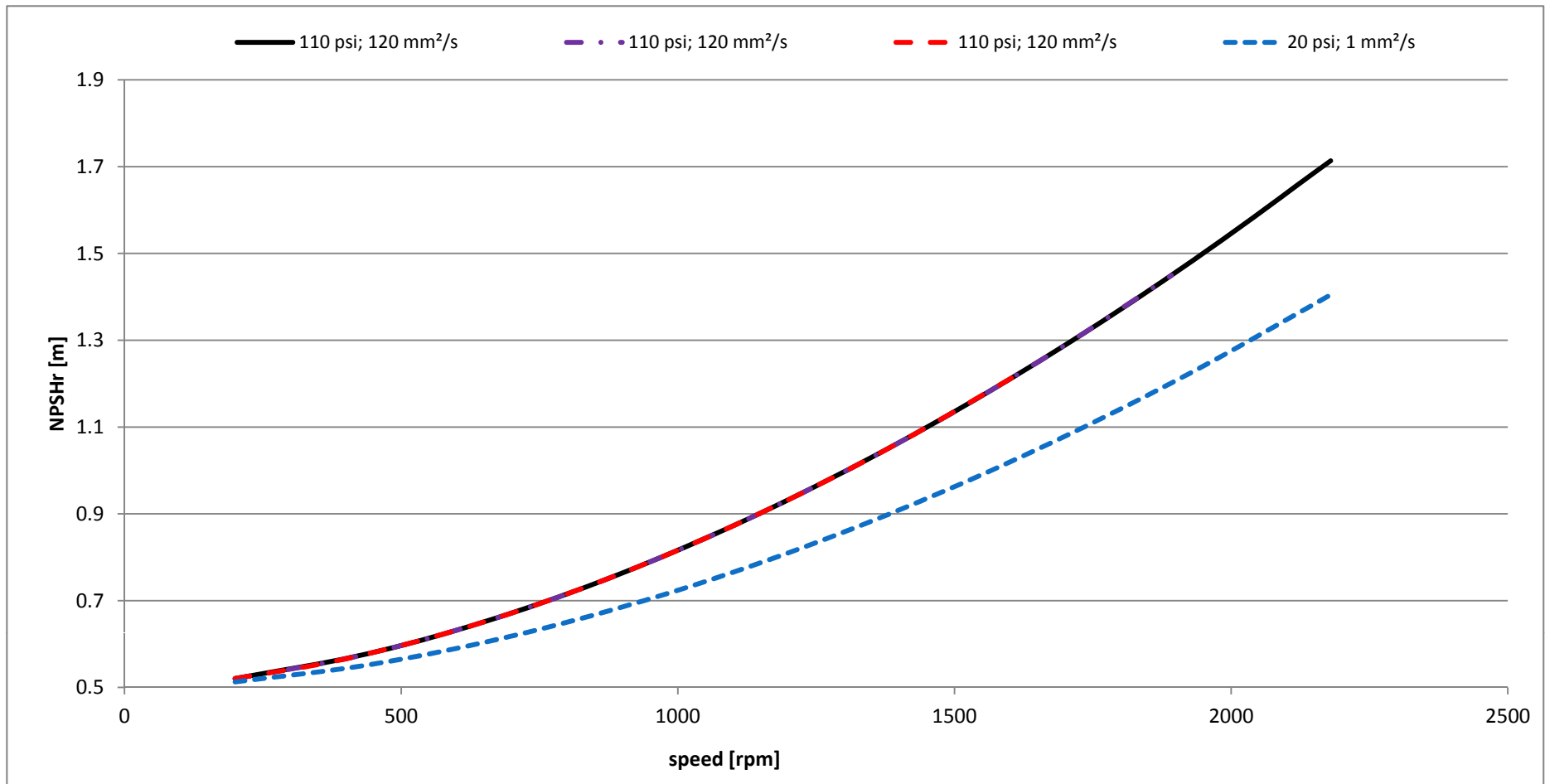
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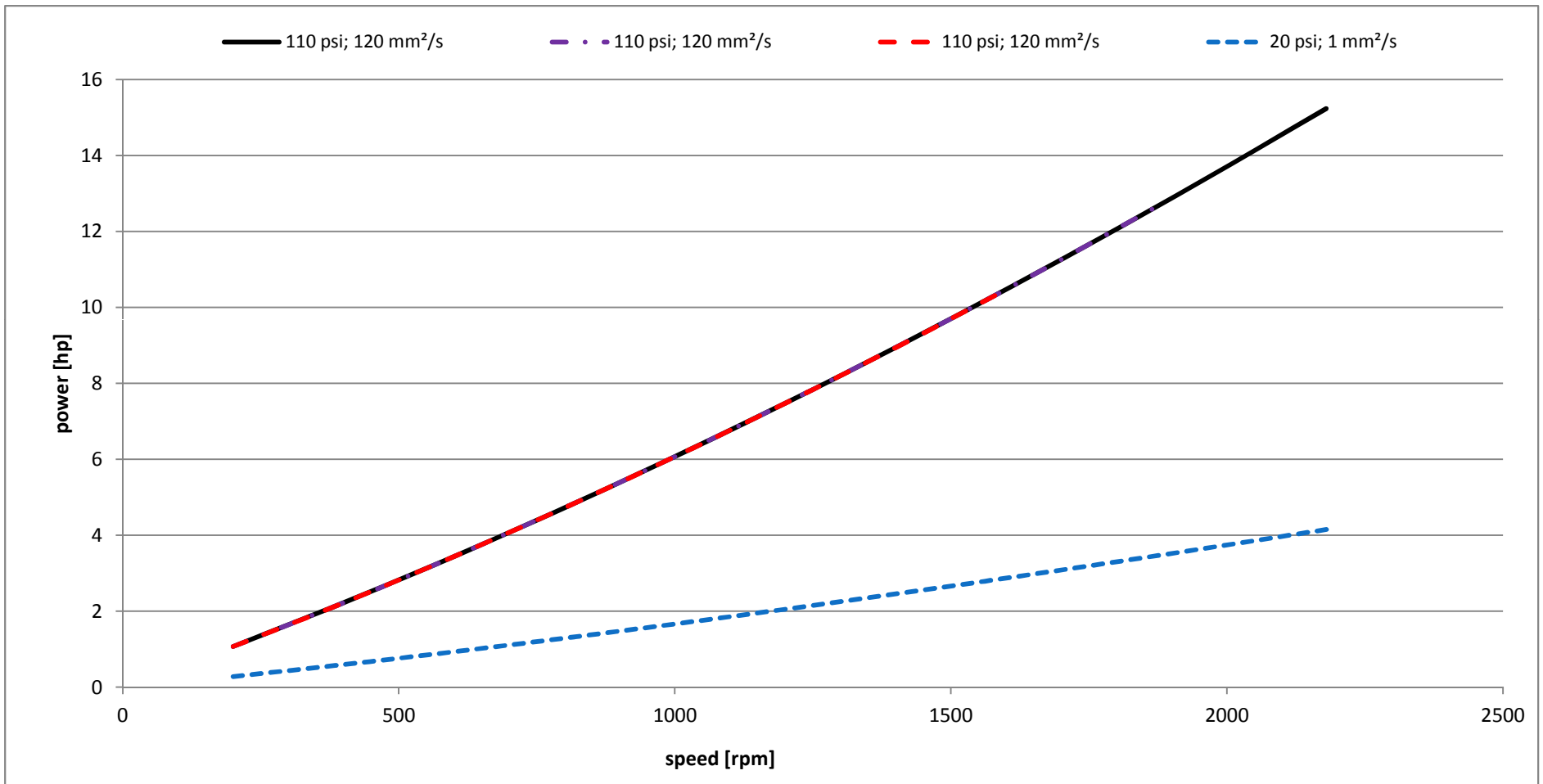


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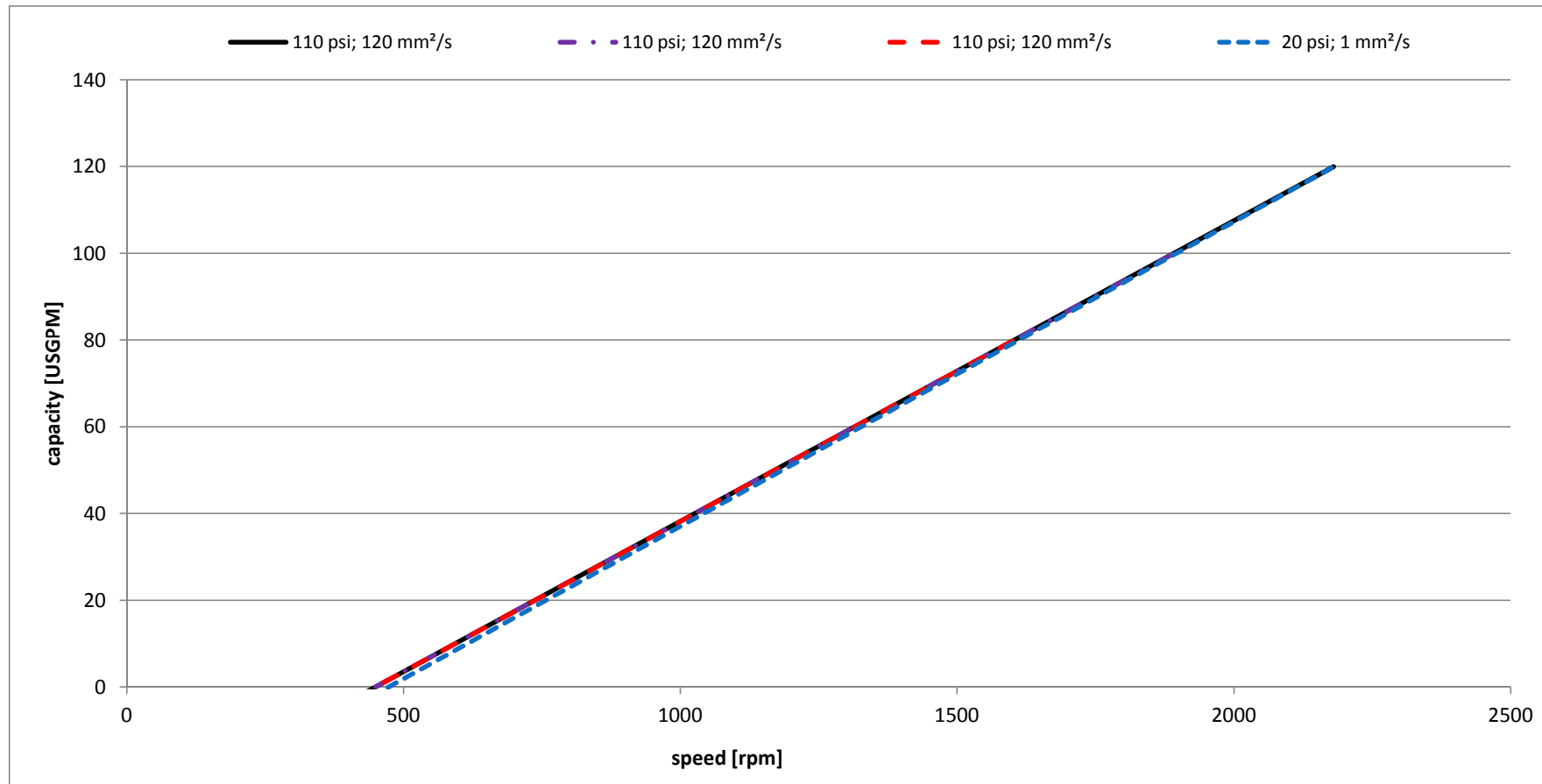
**AXIFLOW**   
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