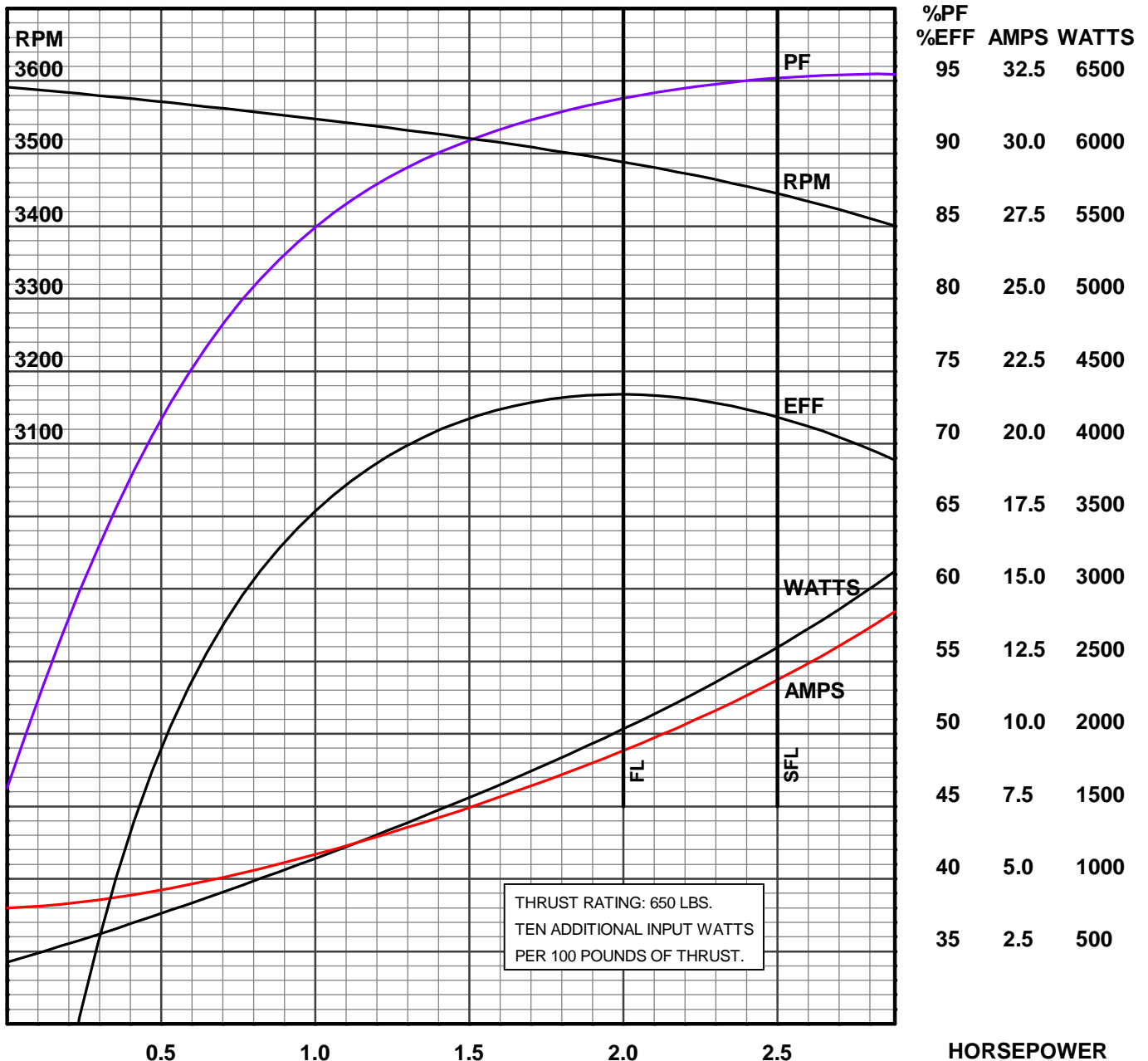


# MOTOR PERFORMANCE CHARACTERISTICS

TEST	VOLTS	230	HERTZ	60
	ST.MFD	119	RUN MFD	20
	TEST PR	8925	PAGE	1-N
	APPR BY	MEM	DATE	11/14/12

RATING	FRAME	4 INCH SUB	HP	2
	MODEL	224301	VOLTS	230
	RPM	3450	PHASE	1
	S.F.	1.25	HERTZ	60
	TYPE	CSCR		

REMARKS: TESTED IN WATER, SHAFT UP, WITH NO APPLIED THRUST.  
 TYPICAL PERFORMANCE. NOT GUARANTEED AS MINIMUM PERFORMANCE.



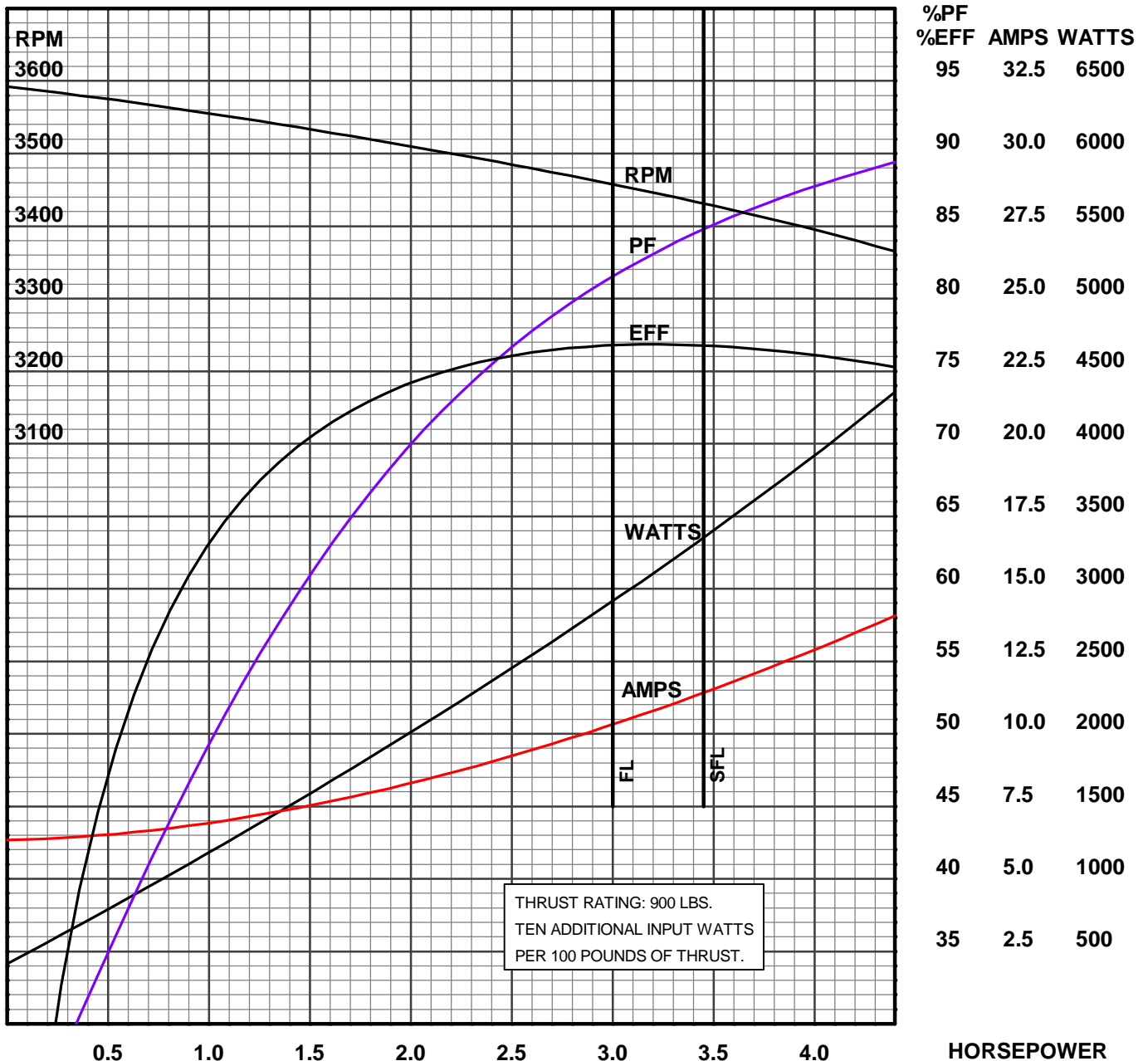
FULL LOAD TORQUE	36.1	LB-IN
BREAKDOWN TORQUE	74.4	LB-IN
LOCKED ROTOR TORQUE	62.3	LB-IN
LOCKED ROTOR AMPS	53.1	

# MOTOR PERFORMANCE CHARACTERISTICS

TEST	VOLTS	200	HERTZ	60
	ST.MFD		RUN MFD	
	TEST PR	8920	PAGE	1-0
	APPR BY	MEM	DATE	11/14/12

RATING	FRAME	4 INCH SUB	HP	3
	MODEL	234306	VOLTS	200
	RPM	3450	PHASE	3
	S.F.	1.15	HERTZ	60
	TYPE	3 PHASE		

REMARKS: TESTED IN WATER, SHAFT UP, WITH NO APPLIED THRUST.  
 TYPICAL PERFORMANCE. NOT GUARANTEED AS MINIMUM PERFORMANCE.



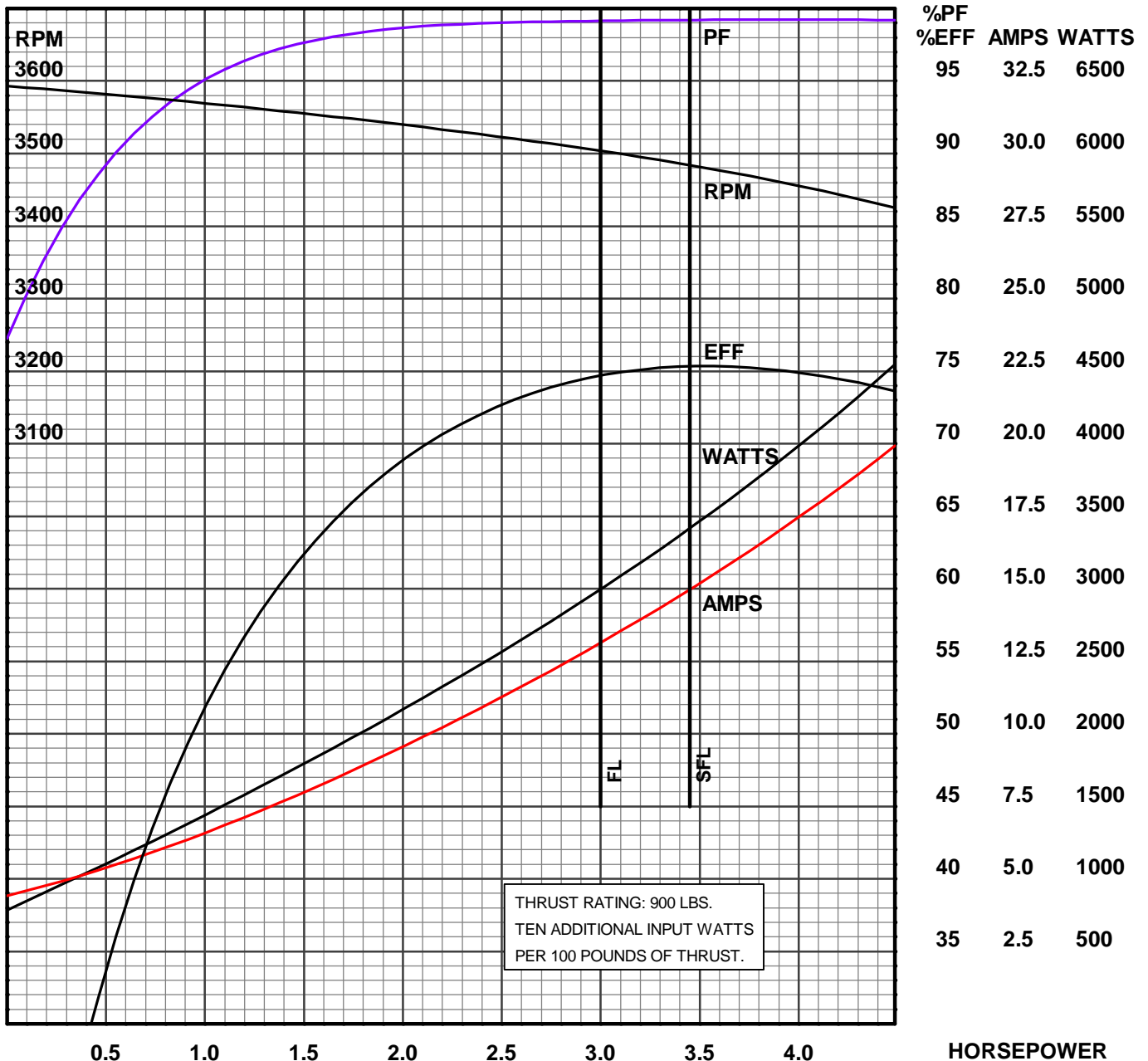
FULL LOAD TORQUE	54.7	LB-IN
BREAKDOWN TORQUE	180	LB-IN
LOCKED ROTOR TORQUE	203	LB-IN
LOCKED ROTOR AMPS	73.3	

# MOTOR PERFORMANCE CHARACTERISTICS

TEST	VOLTS	230	HERTZ	60
	ST.MFD	211	RUN MFD	44
	TEST PR	8301	PAGE	5
	APPR BY		DATE	

RATING	FRAME	4 INCH SUB	HP	3
	MODEL	224302	VOLTS	230
	RPM	3450	PHASE	1
	S.F.	1.15	HERTZ	60
	TYPE	CSCR		

REMARKS: TESTED IN WATER, SHAFT UP, WITH NO APPLIED THRUST.  
 TYPICAL PERFORMANCE. NOT GUARANTEED AS MINIMUM PERFORMANCE.



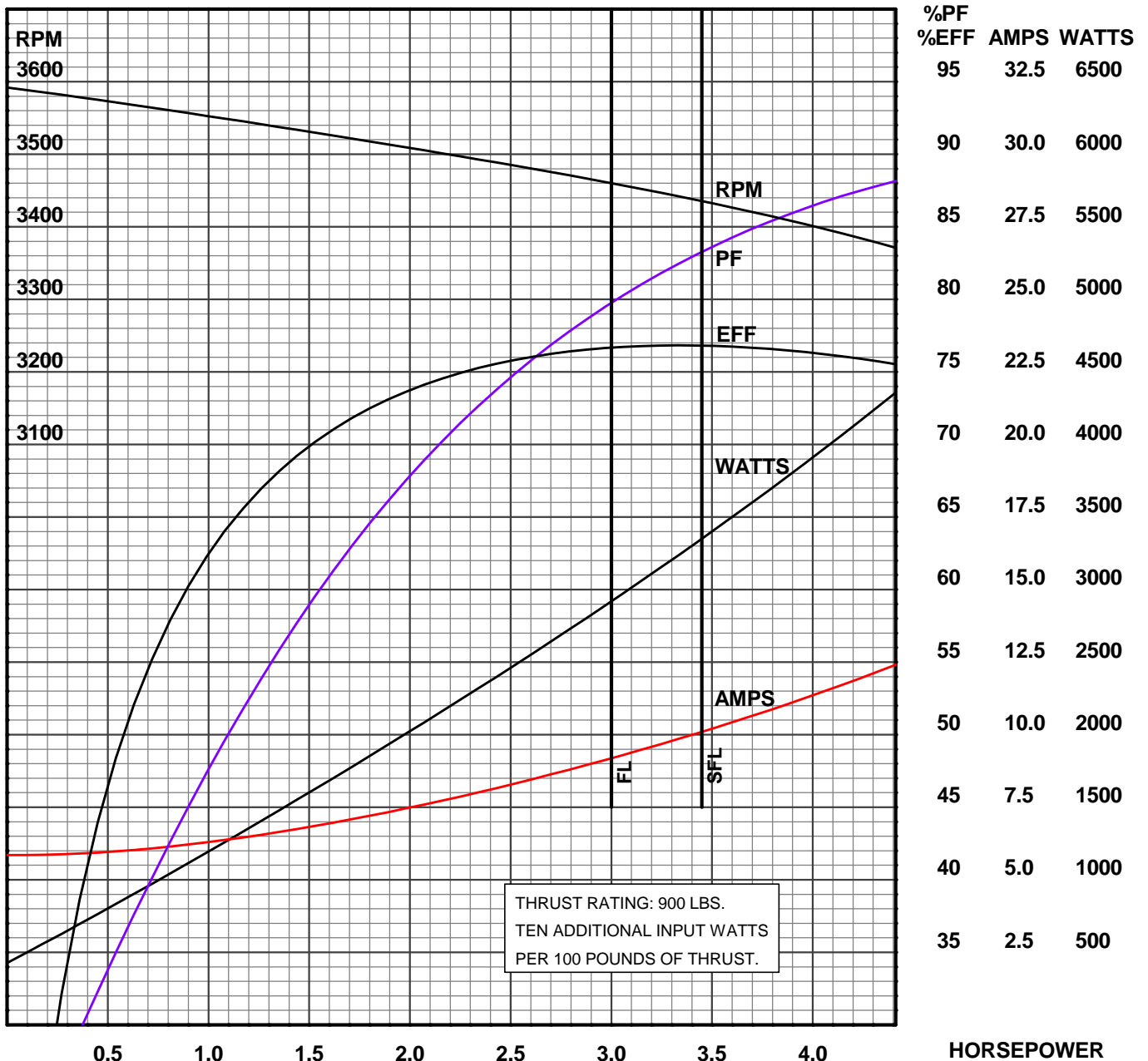
FULL LOAD TORQUE	54.0	LB-IN
BREAKDOWN TORQUE	122	LB-IN
LOCKED ROTOR TORQUE	104	LB-IN
LOCKED ROTOR AMPS	83.4	

# MOTOR PERFORMANCE CHARACTERISTICS

T E S T	VOLTS	230	HERTZ	60
	ST.MFD		RUN MFD	
	TEST PR	8918	PAGE	1-D
	APPR BY	MEM	DATE	12/6/13

R A T I N G	FRAME	4 INCH SUB	HP	3
	MODEL	234316	VOLTS	230
	RPM	3450	PHASE	3
	S.F.	1.15	HERTZ	60
	TYPE	3 PHASE		

REMARKS: TESTED IN WATER, SHAFT UP, WITH NO APPLIED THRUST.  
TYPICAL PERFORMANCE. NOT GUARANTEED AS MINIMUM PERFORMANCE.



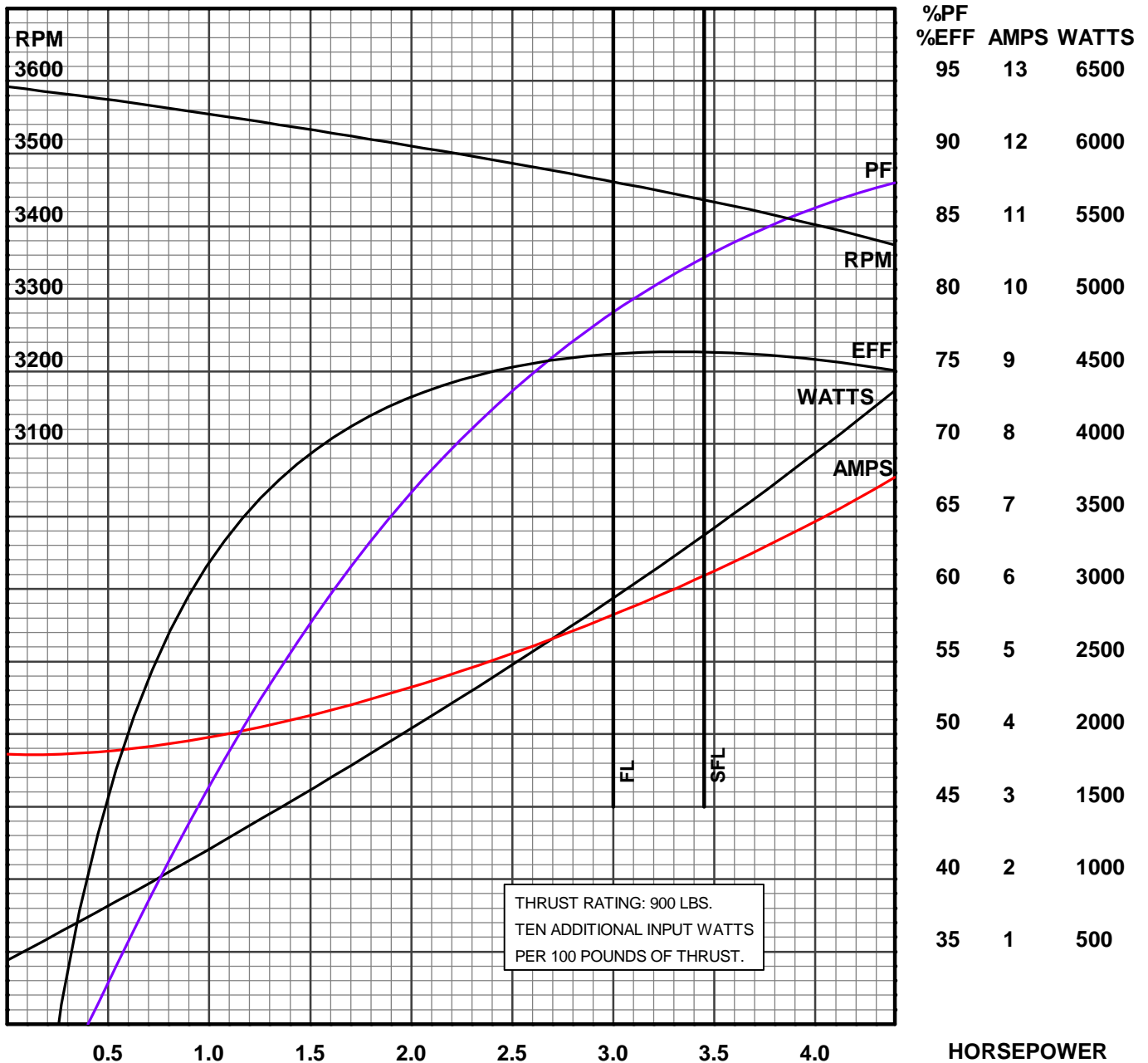
FULL LOAD TORQUE	54.6	LB-IN
BREAKDOWN TORQUE	183	LB-IN
LOCKED ROTOR TORQUE	206	LB-IN
LOCKED ROTOR AMPS	64.1	

# MOTOR PERFORMANCE CHARACTERISTICS

TEST	VOLTS	380	HERTZ	60
	ST.MFD		RUN MFD	
	TEST PR	8921	PAGE	1-E
	APPR BY	MEM	DATE	11/15/12

RATING	FRAME	4 INCH SUB	HP	3
	MODEL	234346	VOLTS	380
	RPM	3450	PHASE	3
	S.F.	1.15	HERTZ	60
	TYPE	3 PHASE		

REMARKS: TESTED IN WATER, SHAFT UP, WITH NO APPLIED THRUST.  
 TYPICAL PERFORMANCE. NOT GUARANTEED AS MINIMUM PERFORMANCE.



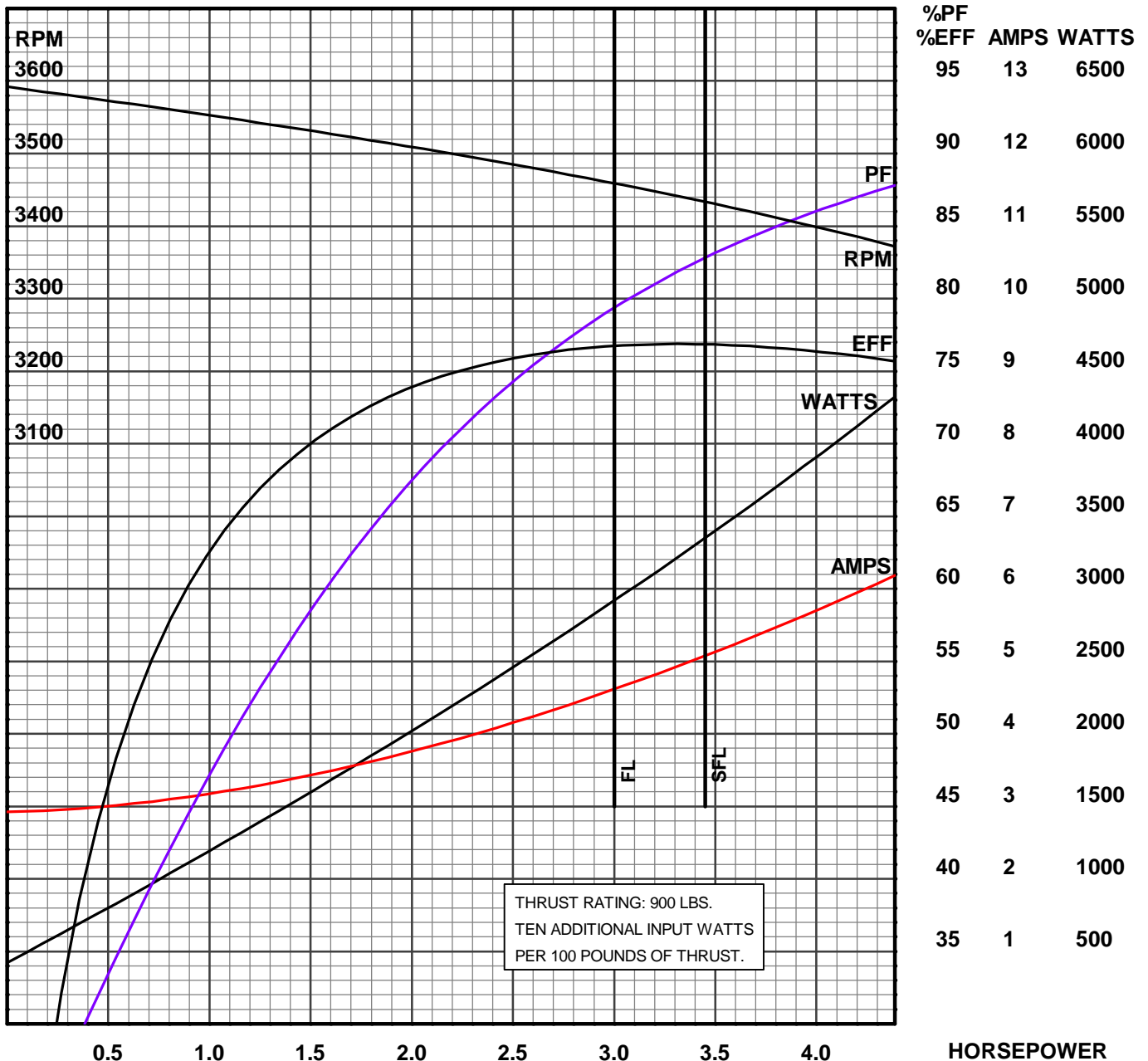
	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	
FULL LOAD TORQUE			54.6	LB-IN					
BREAKDOWN TORQUE			174	LB-IN					
LOCKED ROTOR TORQUE			194	LB-IN					
LOCKED ROTOR AMPS			38.3						

# MOTOR PERFORMANCE CHARACTERISTICS

TEST	VOLTS	460	HERTZ	60
	ST.MFD		RUN MFD	
	TEST PR	8919	PAGE	1-D
	APPR BY	MEM	DATE	11/15/12

RATING	FRAME	4 INCH SUB	HP	3
	MODEL	234326	VOLTS	460
	RPM	3450	PHASE	3
	S.F.	1.15	HERTZ	60
	TYPE	3 PHASE		

REMARKS: TESTED IN WATER, SHAFT UP, WITH NO APPLIED THRUST.  
 TYPICAL PERFORMANCE. NOT GUARANTEED AS MINIMUM PERFORMANCE.



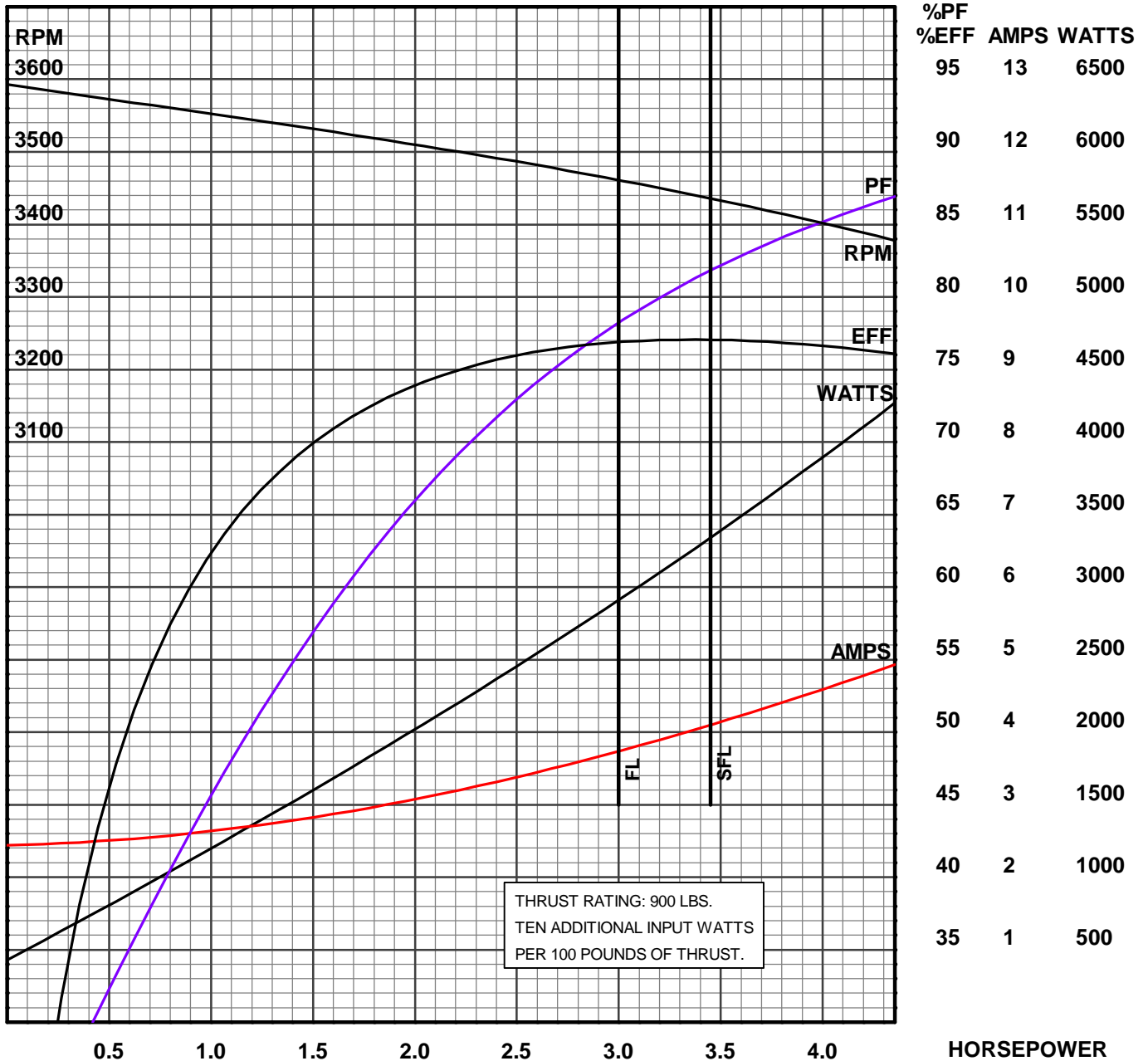
	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0
FULL LOAD TORQUE			54.7	LB-IN				
BREAKDOWN TORQUE			186	LB-IN				
LOCKED ROTOR TORQUE			209	LB-IN				
LOCKED ROTOR AMPS			32.5					

# MOTOR PERFORMANCE CHARACTERISTICS

TEST	VOLTS	575	HERTZ	60
	ST.MFD		RUN MFD	
	TEST PR	8922	PAGE	1-E
	APPR BY	MEM	DATE	11/15/12

RATING	FRAME	4 INCH SUB	HP	3
	MODEL	234336	VOLTS	575
	RPM	3450	PHASE	3
	S.F.	1.15	HERTZ	60
	TYPE	3 PHASE		

REMARKS: TESTED IN WATER, SHAFT UP, WITH NO APPLIED THRUST.  
 TYPICAL PERFORMANCE. NOT GUARANTEED AS MINIMUM PERFORMANCE.



	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0
FULL LOAD TORQUE			54.6	LB-IN				
BREAKDOWN TORQUE			186	LB-IN				
LOCKED ROTOR TORQUE			204	LB-IN				
LOCKED ROTOR AMPS			25.6					

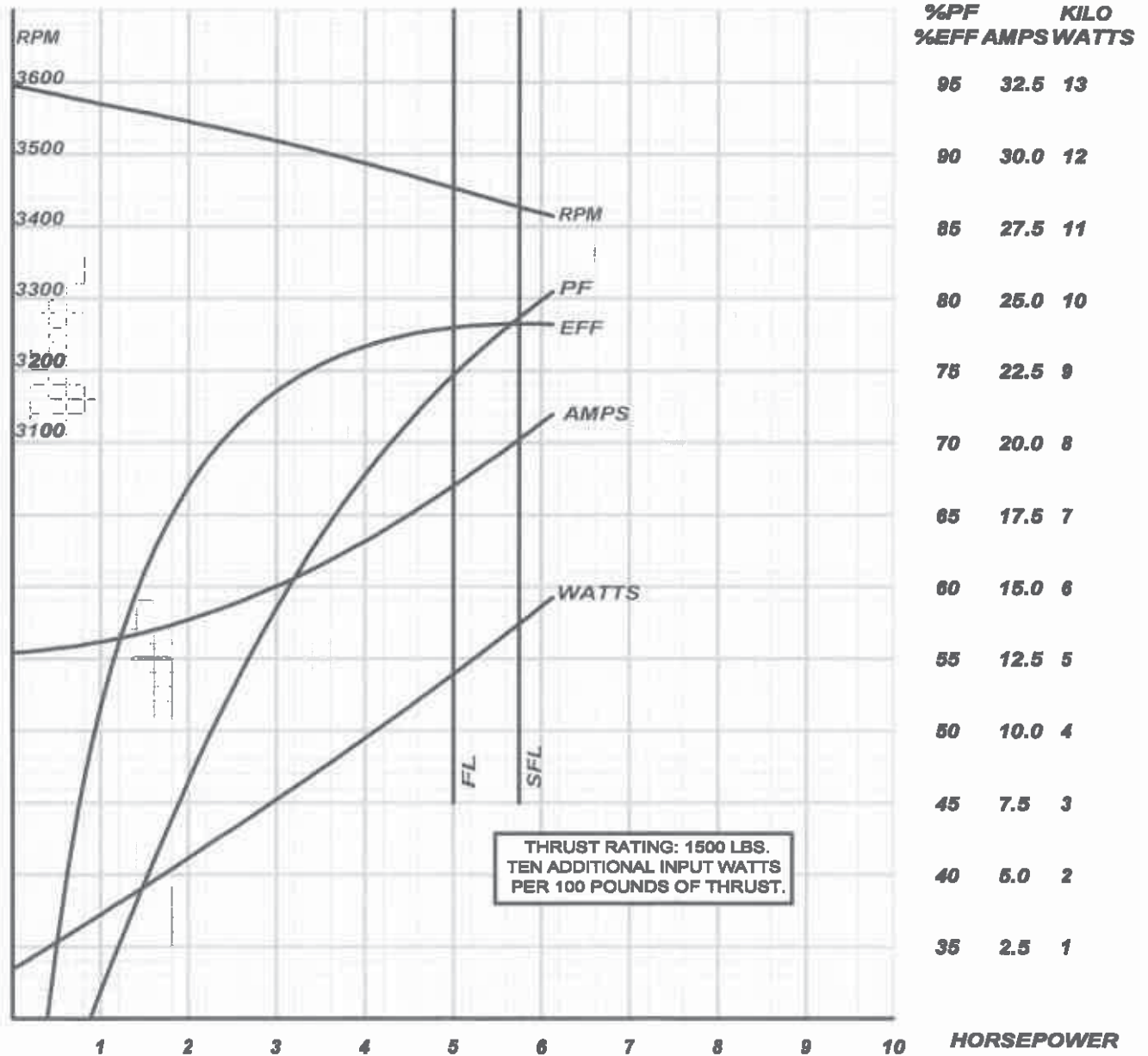


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# MOTOR PERFORMANCE CHARACTERISTICS

<b>T E S T</b>	VOLTS	200	HERTZ	60	<b>R A T I N G</b>	FRAME	4 INCH SUB	HP	5
	ST.MFD		RUN MFD			MODEL	234507	VOLTS	200
	TEST PR	8295	PAGE	9-F		RPM	3450	PHASE	3
	APPR BY		DATE			S.F.	1.15	HERTZ	60
					TYPE	3 PHASE			

REMARKS: TESTED IN WATER, SHAFT UP, WITH NO APPLIED THRUST.  
 TYPICAL PERFORMANCE. NOT GUARANTEED AS MINIMUM PERFORMANCE.



FULL LOAD TORQUE	91.3	LB-IN
BREAKDOWN TORQUE	365	LB-IN
LOCKED ROTOR TORQUE	400	LB-IN
LOCKED ROTOR AMPS	127	

CURVE NO. 338914-301

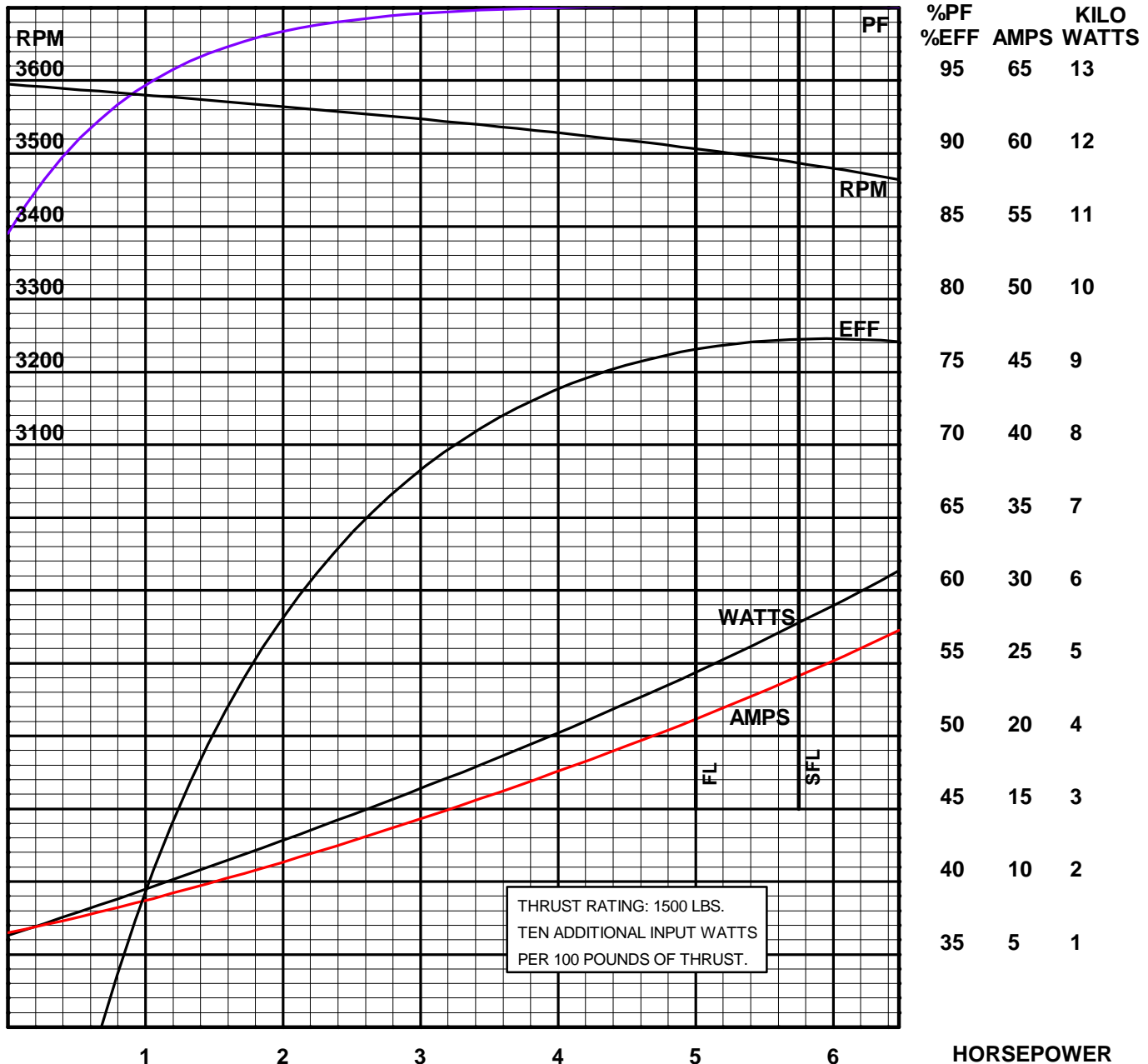


# MOTOR PERFORMANCE CHARACTERISTICS

TEST	VOLTS	230	HERTZ	60
	ST.MFD	297	RUN MFD	80
	TEST PR	8306	PAGE	4-A
	APPR BY		DATE	

RATING	FRAME	4 INCH SUB	HP	5
	MODEL	224503	VOLTS	230
	RPM	3450	PHASE	1
	S.F.	1.15	HERTZ	60
	TYPE	CSCR		

REMARKS: TESTED IN WATER, SHAFT UP, WITH NO APPLIED THRUST.  
 TYPICAL PERFORMANCE. NOT GUARANTEED AS MINIMUM PERFORMANCE.



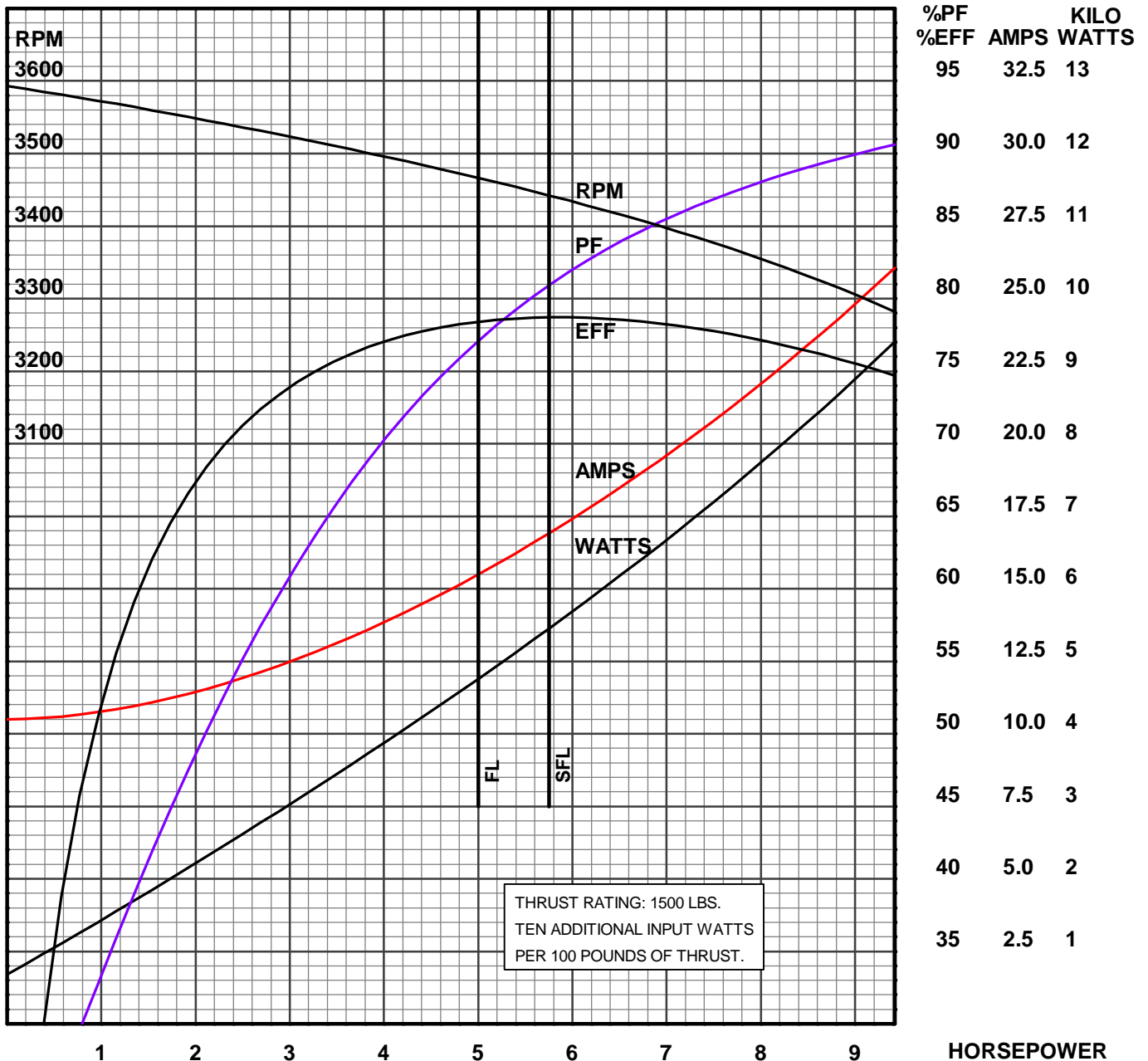
FULL LOAD TORQUE	89.9	LB-IN
BREAKDOWN TORQUE	215	LB-IN
LOCKED ROTOR TORQUE	171	LB-IN
LOCKED ROTOR AMPS	135	

# MOTOR PERFORMANCE CHARACTERISTICS

TEST	VOLTS	230	HERTZ	60
	ST.MFD		RUN MFD	
	TEST PR	8424	PAGE	5
	APPR BY		DATE	

RATING	FRAME	4 INCH SUB	HP	5
	MODEL	234317	VOLTS	230
	RPM	3450	PHASE	3
	S.F.	1.15	HERTZ	60
	TYPE	3 PHASE		

REMARKS: TESTED IN WATER, SHAFT UP, WITH NO APPLIED THRUST.  
 TYPICAL PERFORMANCE. NOT GUARANTEED AS MINIMUM PERFORMANCE.



FULL LOAD TORQUE	90.9	LB-IN
BREAKDOWN TORQUE	353	LB-IN
LOCKED ROTOR TORQUE	355	LB-IN
LOCKED ROTOR AMPS	102	

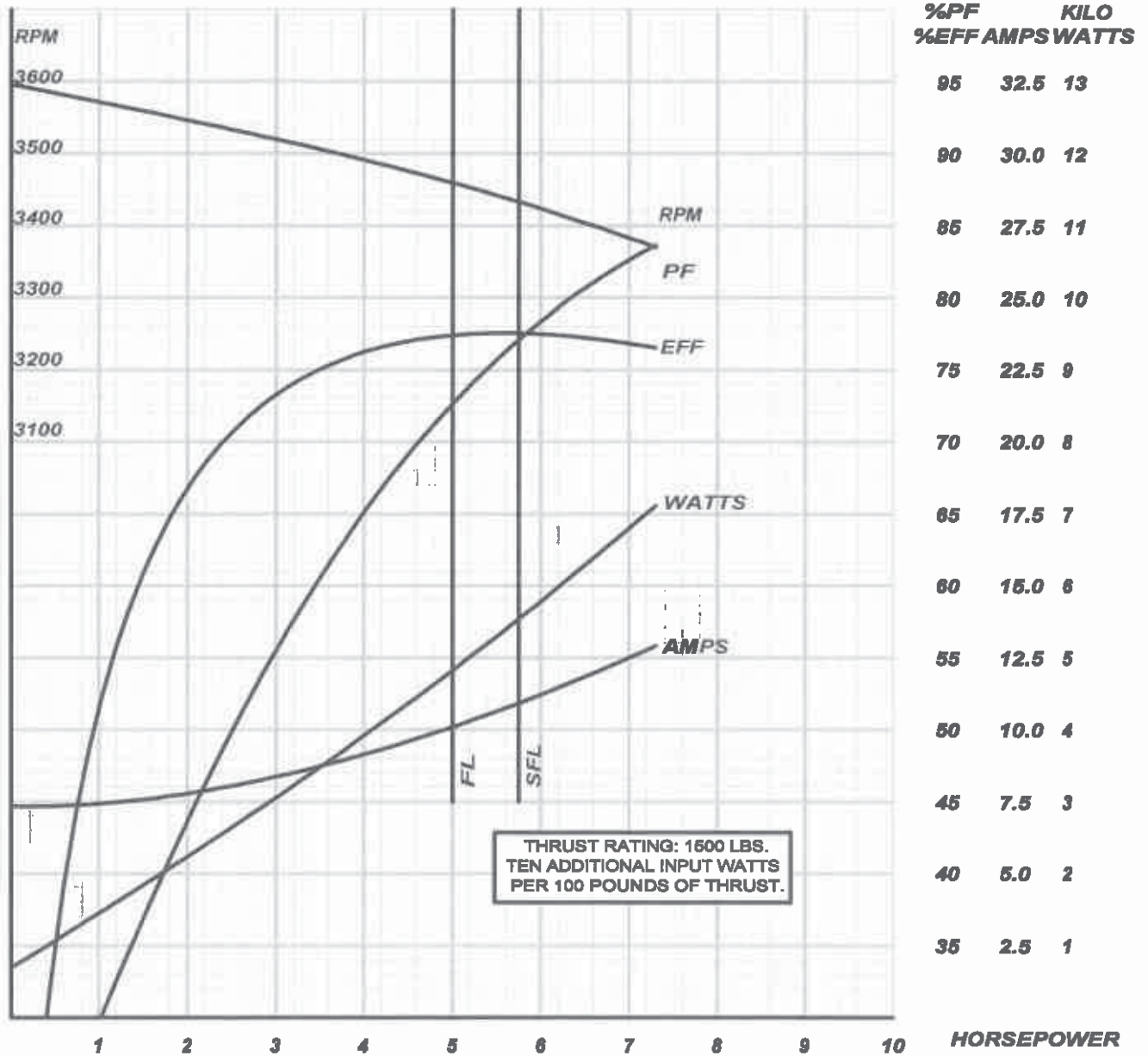


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## MOTOR PERFORMANCE CHARACTERISTICS

<b>TEST</b>	VOLTS	380	HERTZ	60	<b>RATING</b>	FRAME	4 INCH SUB	HP	5
	ST.MFD		RUN MFD			MODEL	2345473401	VOLTS	380
	TEST PR	8610	PAGE	1		RPM	3450	PHASE	3
	APPR BY		DATE			S.F.	1.15	HERTZ	60
						TYPE	3 PHASE		

REMARKS: TESTED IN WATER, SHAFT UP, WITH NO APPLIED THRUST.  
 CALIBRATED MOTOR. REQUISITION NUMBER: RMA 96624  
 TEST ON ONE MOTOR. NOT GUARANTEED AS MINIMUM PERFORMANCE.



FULL LOAD TORQUE	91.1	LB-IN
BREAKDOWN TORQUE	340	LB-IN
LOCKED ROTOR TORQUE	355	LB-IN
LOCKED ROTOR AMPS	64.8	

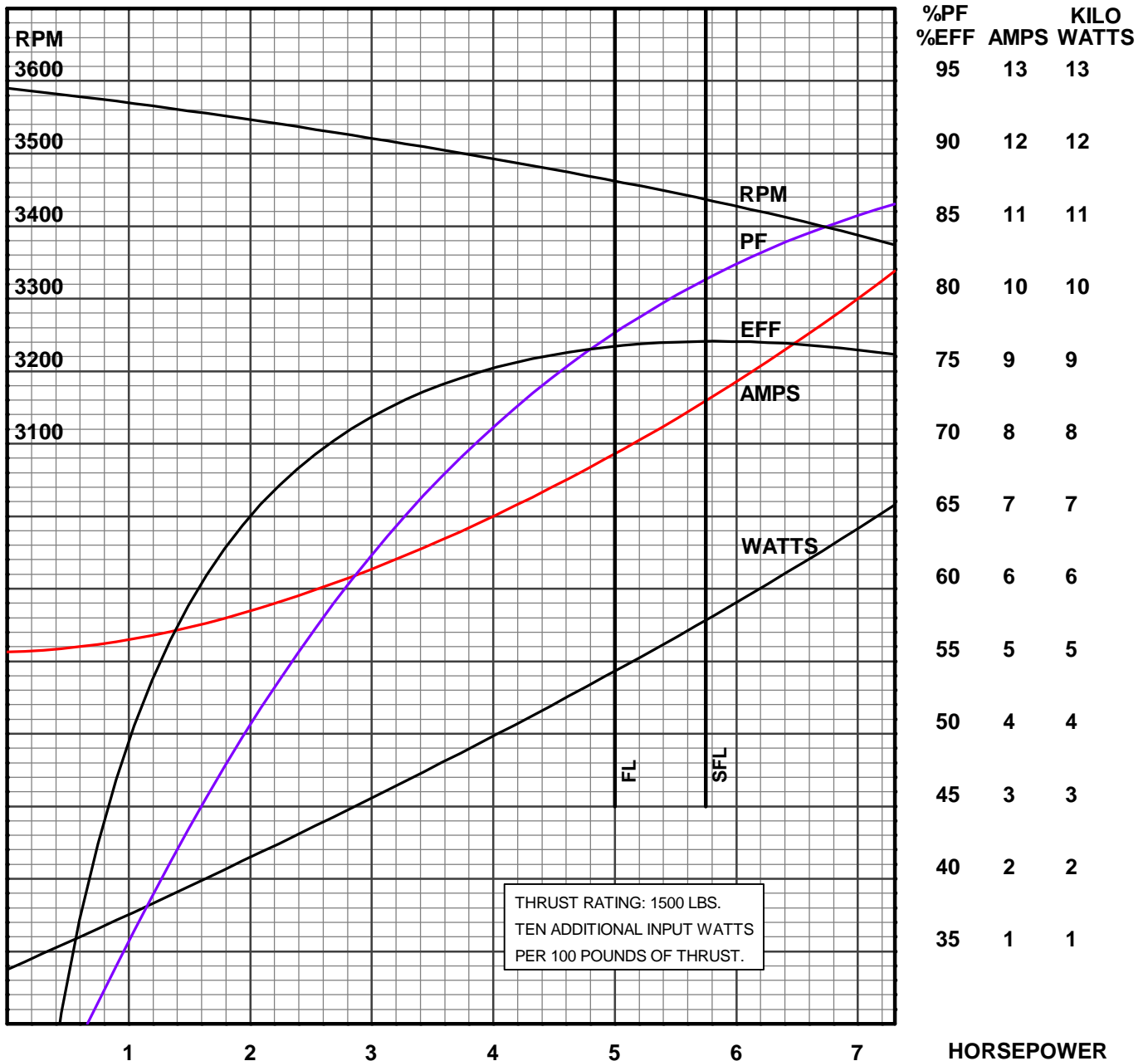
CURVE NO. 338634-301

# MOTOR PERFORMANCE CHARACTERISTICS

TEST	VOLTS	460	HERTZ	60
	ST.MFD		RUN MFD	
	TEST PR	8295	PAGE	43
	APPR BY		DATE	

RATING	FRAME	4 INCH SUB	HP	5
	MODEL	234327	VOLTS	460
	RPM	3450	PHASE	3
	S.F.	1.15	HERTZ	60
	TYPE	3 PHASE		

REMARKS: TESTED IN WATER, SHAFT UP, WITH NO APPLIED THRUST.  
 TYPICAL PERFORMANCE. NOT GUARANTEED AS MINIMUM PERFORMANCE.

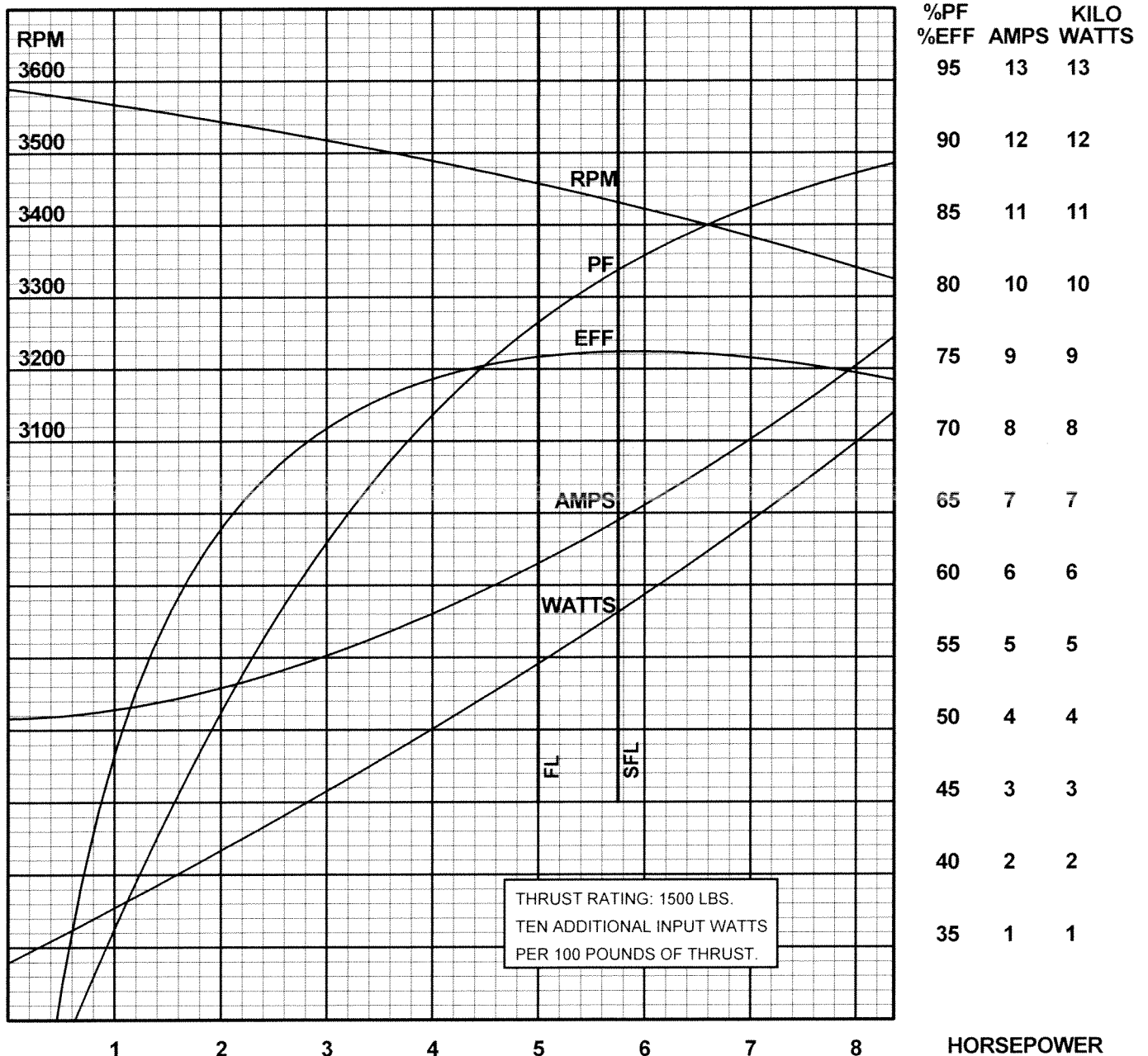


FULL LOAD TORQUE	91.0	LB-IN
BREAKDOWN TORQUE	350	LB-IN
LOCKED ROTOR TORQUE	386	LB-IN
LOCKED ROTOR AMPS	53.7	

# MOTOR PERFORMANCE CHARACTERISTICS

TEST	VOLTS	575	HERTZ	60	RATING	FRAME	4 INCH SUB	HP	5
	ST.MFD		RUN MFD			MODEL	234337	VOLTS	575
	TEST PR	8834	PAGE	2		RPM	3450	PHASE	3
	APPR BY	MEM	DATE	5/26/09		S.F.	1.15	HERTZ	60
					TYPE	3 PHASE			

REMARKS: TESTED IN WATER, SHAFT UP, WITH NO APPLIED THRUST.  
 TYPICAL PERFORMANCE. NOT GUARANTEED AS MINIMUM PERFORMANCE.



FULL LOAD TORQUE	91.1	LB-IN
BREAKDOWN TORQUE	365	LB-IN
LOCKED ROTOR TORQUE	373	LB-IN
LOCKED ROTOR AMPS	41.8	

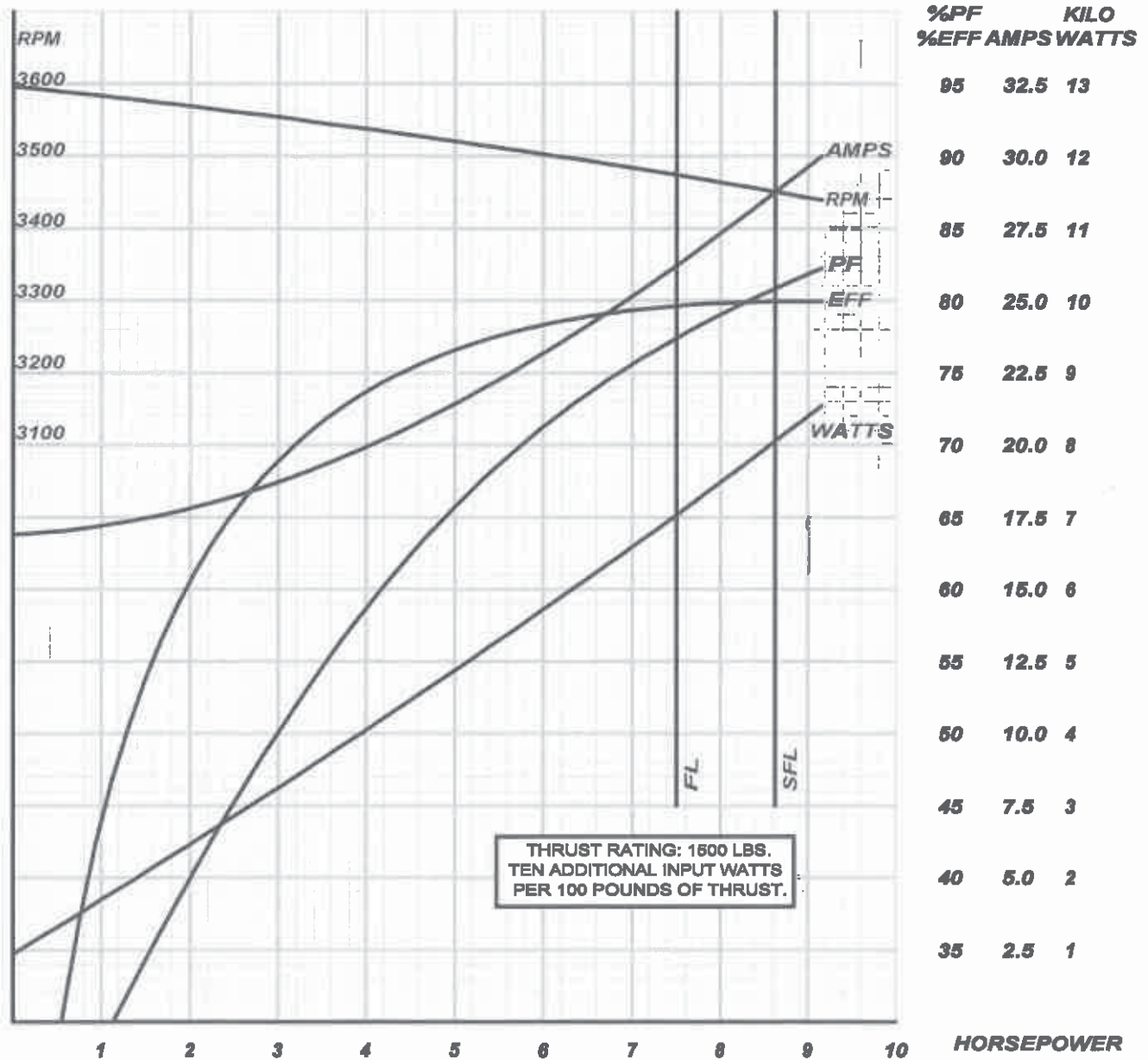


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## MOTOR PERFORMANCE CHARACTERISTICS

<b>T E S T</b>	<b>VOLTS</b>	200	<b>HERTZ</b>	60	<b>R A T I N G</b>	<b>FRAME</b>	4 INCH SUB	<b>HP</b>	7.5
	<b>ST.MFD</b>		<b>RUN MFD</b>			<b>MODEL</b>	234508	<b>VOLTS</b>	200
	<b>TEST PR</b>	8541	<b>PAGE</b>	1		<b>RPM</b>	3450	<b>PHASE</b>	3
	<b>APPR BY</b>		<b>DATE</b>			<b>S.F.</b>	1.15	<b>HERTZ</b>	60
					<b>TYPE</b>	3 PHASE			

REMARKS: TESTED IN WATER, SHAFT UP, WITH NO APPLIED THRUST.  
TYPICAL PERFORMANCE. NOT GUARANTEED AS MINIMUM PERFORMANCE.



<b>FULL LOAD TORQUE</b>	136	LB-IN
<b>BREAKDOWN TORQUE</b>	564	LB-IN
<b>LOCKED ROTOR TORQUE</b>	570	LB-IN
<b>LOCKED ROTOR AMPS</b>	195	

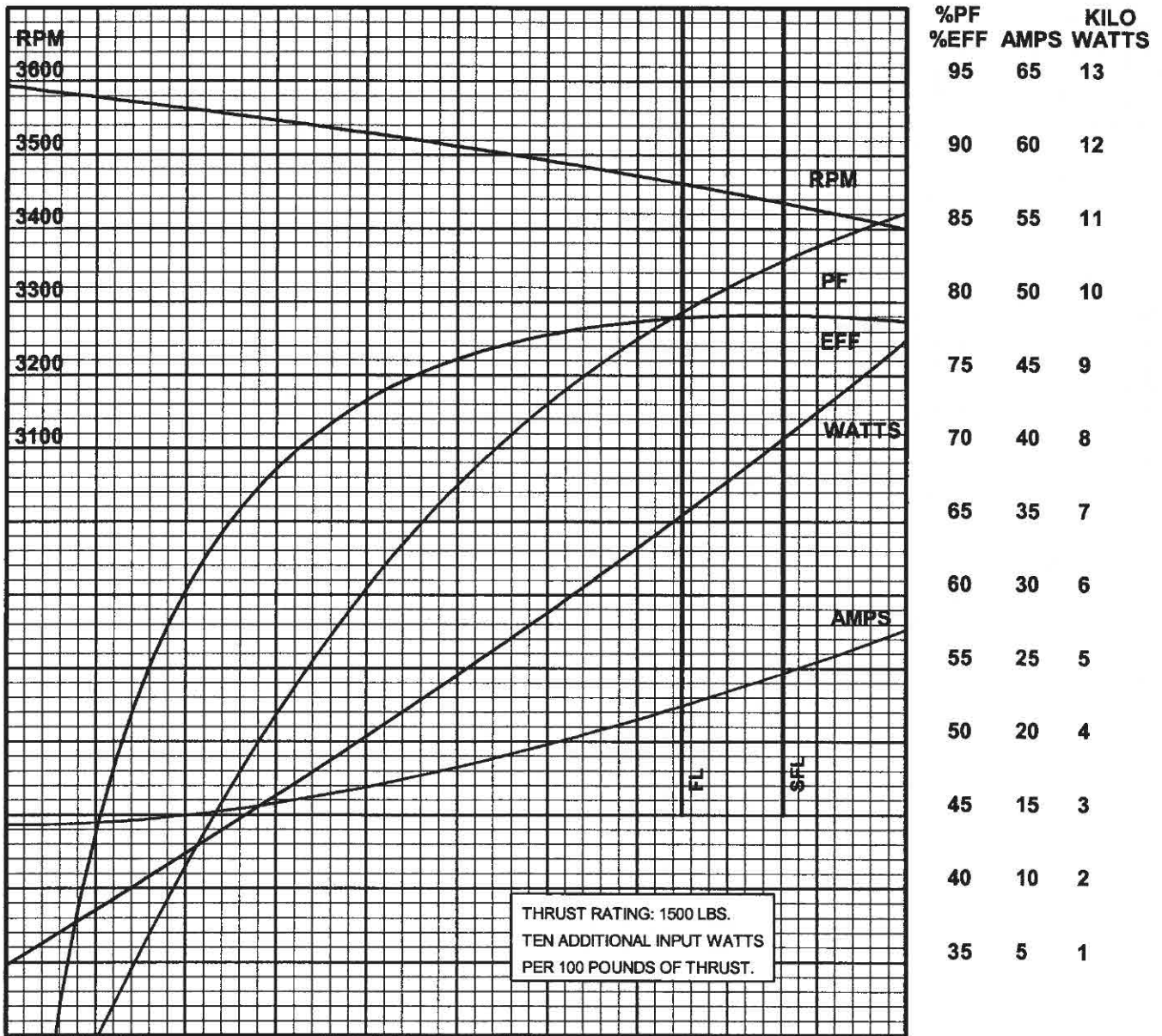
CURVE NO. 338213-301



# MOTOR PERFORMANCE CHARACTERISTICS

T E S T	VOLTS	230	HERTZ	60	R A T I O N G	FRAME	4 INCH SUB	HP	7.5
	ST.MFD		RUN MFD			MODEL	234318	VOLTS	230
	TEST PR	8689	PAGE	7		RPM	3450	PHASE	3
	APPR BY	<i>SW</i>	DATE	8 Jan 2011		S.F.	1.15	HERTZ	60
					TYPE 3 PHASE				

REMARKS: TESTED IN WATER, SHAFT UP, WITH NO APPLIED THRUST.  
 TYPICAL PERFORMANCE. NOT GUARANTEED AS MINIMUM PERFORMANCE.



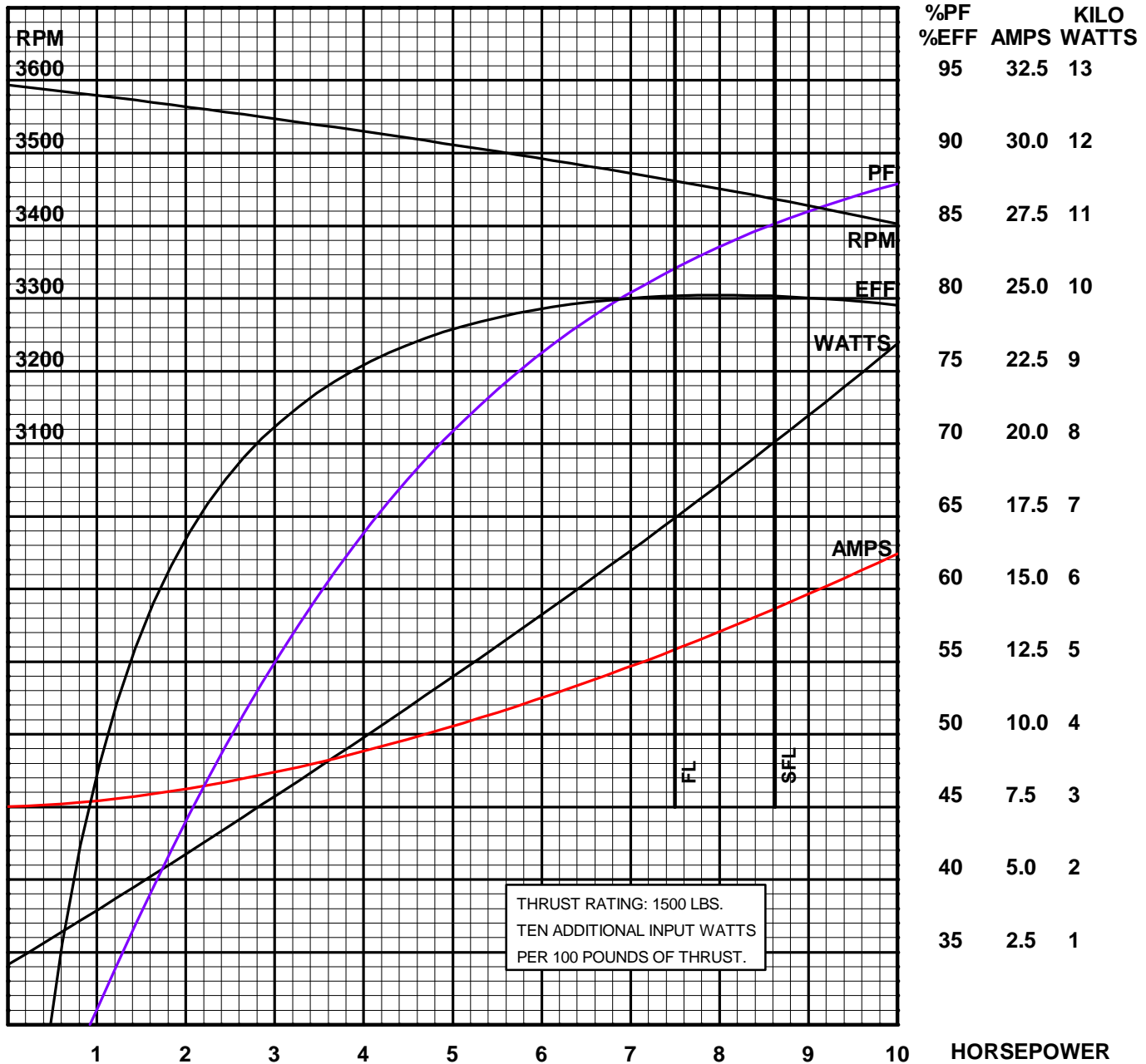
FULL LOAD TORQUE 137 LB-IN  
 BREAKDOWN TORQUE 516 LB-IN  
 LOCKED ROTOR TORQUE 533 LB-IN  
 LOCKED ROTOR AMPS 162

# MOTOR PERFORMANCE CHARACTERISTICS

TEST	VOLTS	380	HERTZ	60
	ST.MFD		RUN MFD	
	TEST PR	8541	PAGE	3
	APPR BY		DATE	

RATING	FRAME	4 INCH SUB	HP	7.5
	MODEL	234548	VOLTS	380
	RPM	3450	PHASE	3
	S.F.	1.15	HERTZ	60
	TYPE	3 PHASE		

REMARKS: TESTED IN WATER, SHAFT UP, WITH NO APPLIED THRUST.  
 TYPICAL PERFORMANCE. NOT GUARANTEED AS MINIMUM PERFORMANCE.



FULL LOAD TORQUE	137	LB-IN
BREAKDOWN TORQUE	536	LB-IN
LOCKED ROTOR TORQUE	525	LB-IN
LOCKED ROTOR AMPS	92.6	

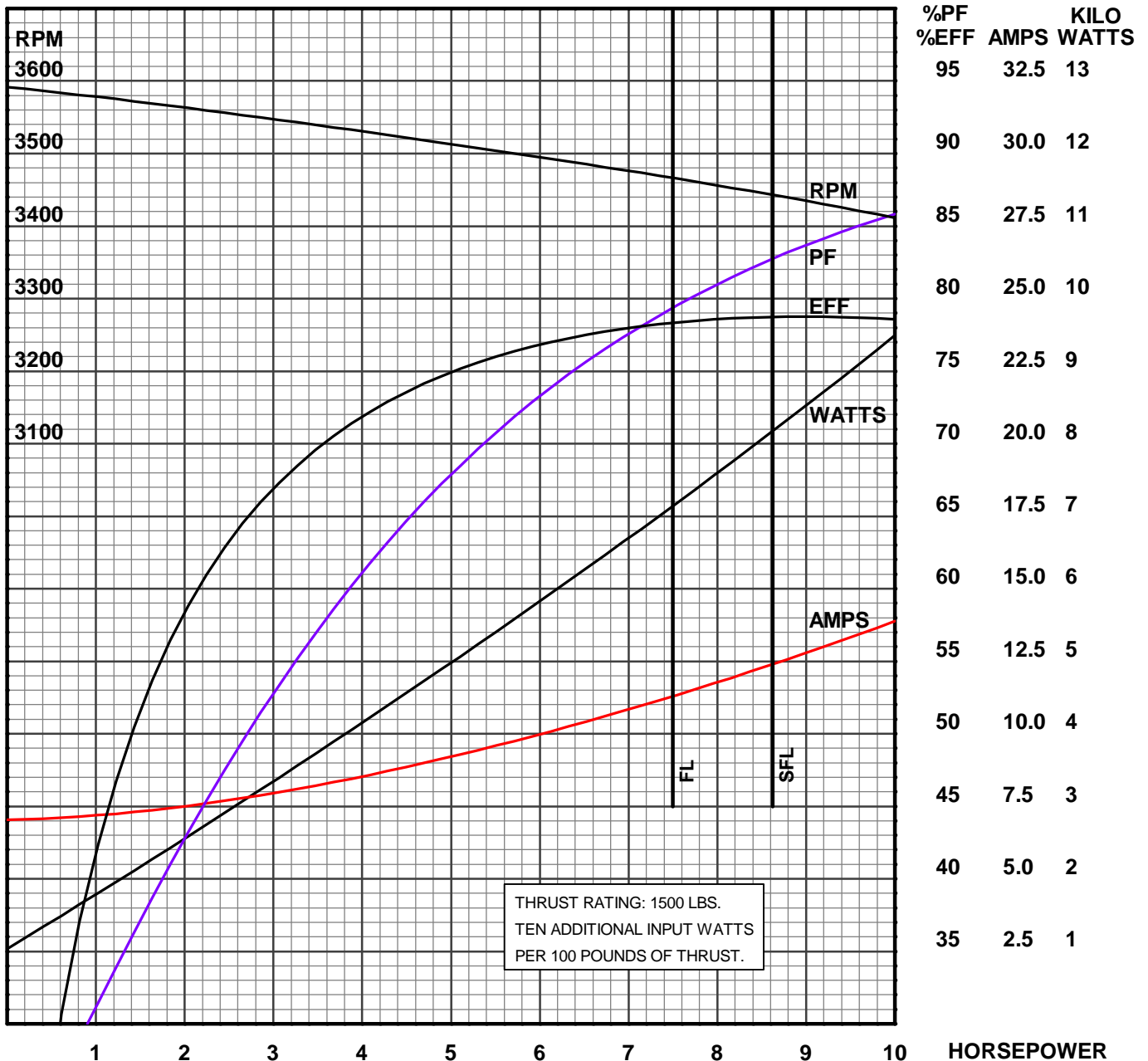


# MOTOR PERFORMANCE CHARACTERISTICS

TEST	VOLTS	460	HERTZ	60
	ST.MFD		RUN MFD	
	TEST PR	8296	PAGE	26
	APPR BY		DATE	

RATING	FRAME	4 INCH SUB	HP	7.5
	MODEL	234328	VOLTS	460
	RPM	3450	PHASE	3
	S.F.	1.15	HERTZ	60
	TYPE	3 PHASE		

REMARKS: TESTED IN WATER, SHAFT UP, WITH NO APPLIED THRUST.  
 TYPICAL PERFORMANCE. NOT GUARANTEED AS MINIMUM PERFORMANCE.



FULL LOAD TORQUE      136    LB-IN

BREAKDOWN TORQUE    556    LB-IN

LOCKED ROTOR TORQUE  583    LB-IN

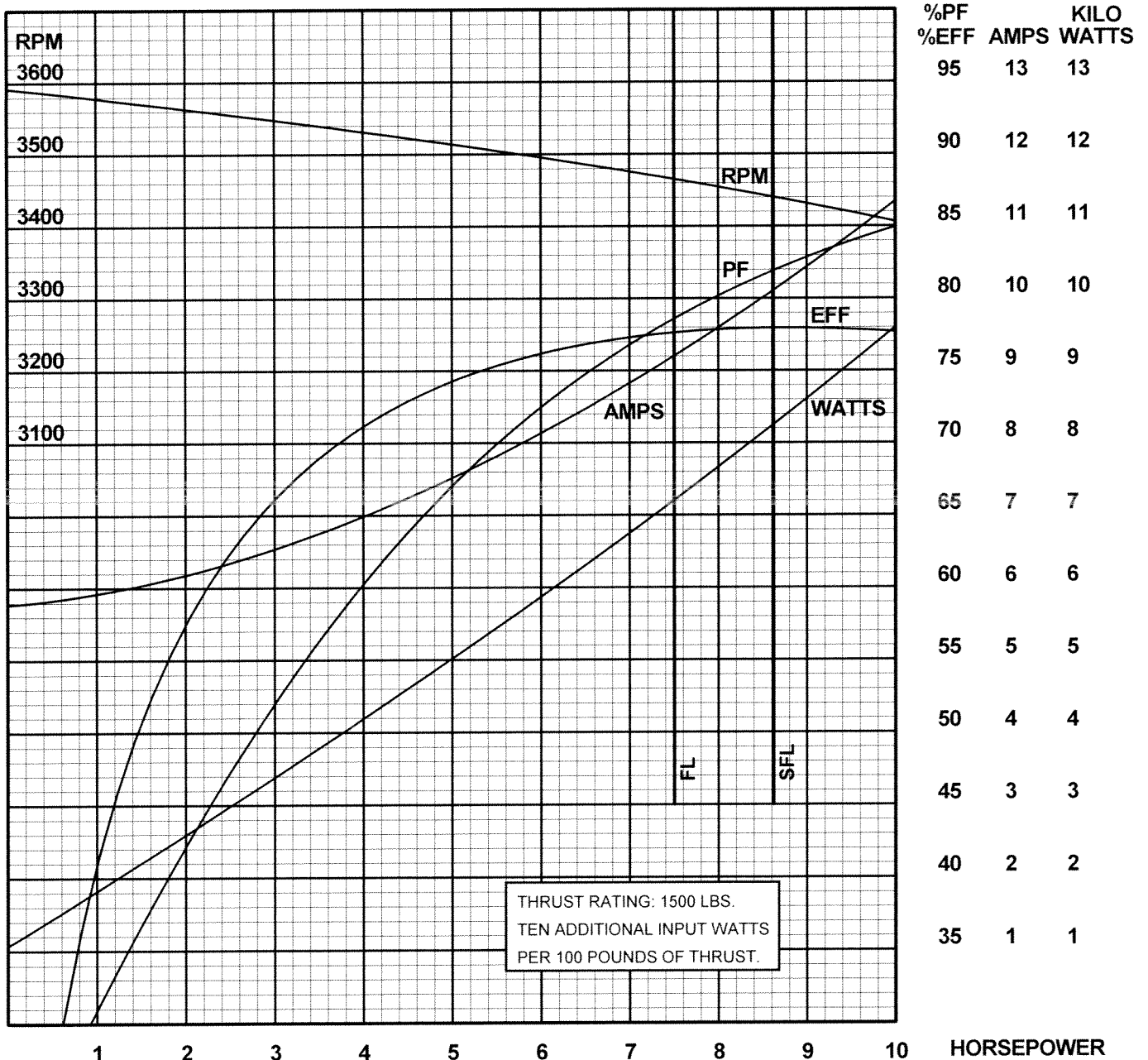
LOCKED ROTOR AMPS    83.8

# MOTOR PERFORMANCE CHARACTERISTICS

TEST	VOLTS	575	HERTZ	60
	ST.MFD		RUN MFD	
	TEST PR	8835	PAGE	2
	APPR BY	MEM	DATE	5/26/09

RATING	FRAME	4 INCH SUB	HP	7.5
	MODEL	234338	VOLTS	575
	RPM	3450	PHASE	3
	S.F.	1.15	HERTZ	60
	TYPE	3 PHASE		

REMARKS: TESTED IN WATER, SHAFT UP, WITH NO APPLIED THRUST.  
 TYPICAL PERFORMANCE. NOT GUARANTEED AS MINIMUM PERFORMANCE.



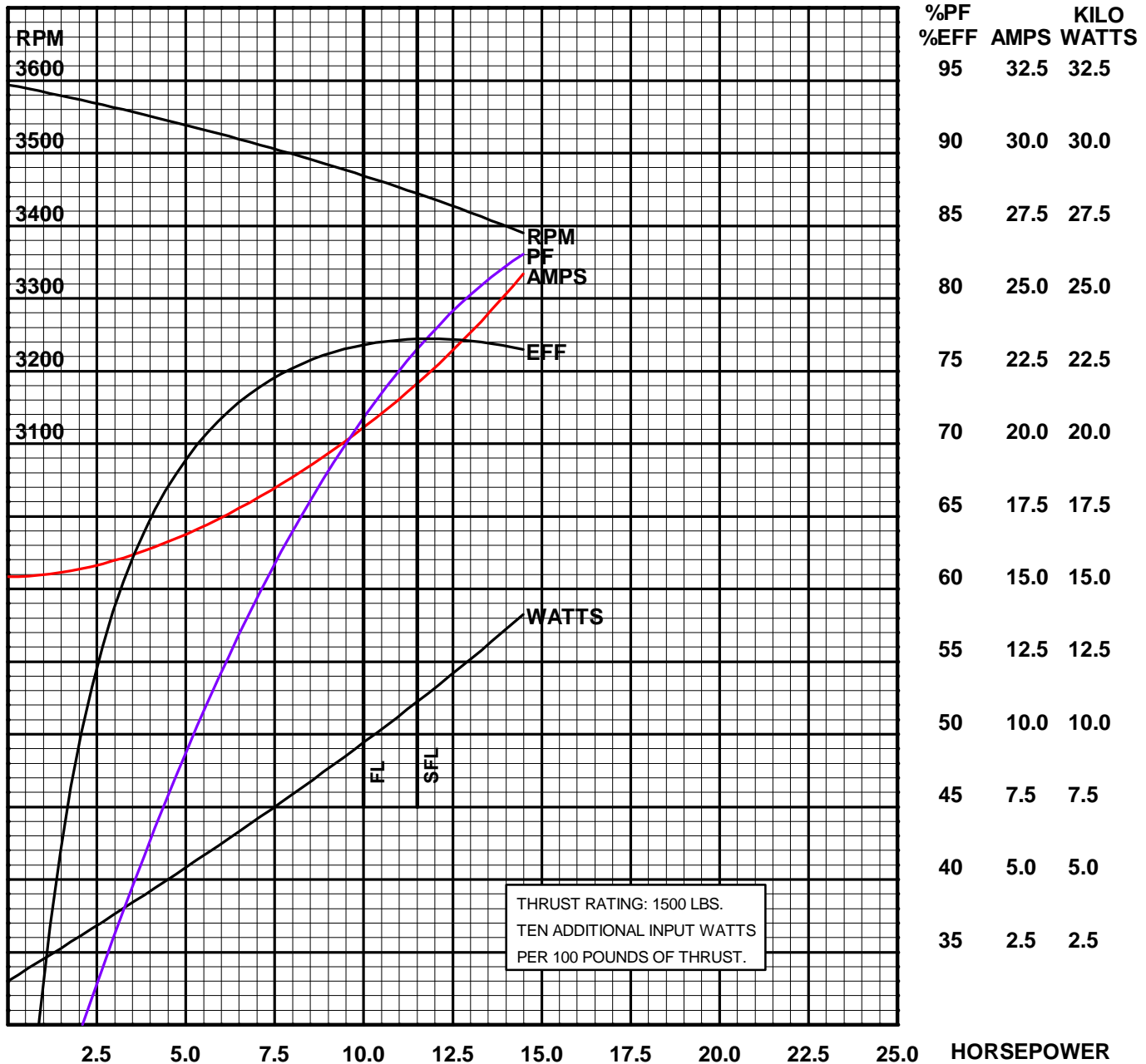
FULL LOAD TORQUE	136	LB-IN
BREAKDOWN TORQUE	543	LB-IN
LOCKED ROTOR TORQUE	565	LB-IN
LOCKED ROTOR AMPS	64.6	

# MOTOR PERFORMANCE CHARACTERISTICS

TEST	VOLTS	380	HERTZ	60
	ST.MFD		RUN MFD	
	TEST PR	8312	PAGE	12-H
	APPR BY		DATE	

RATING	FRAME	4 INCH SUB	HP	10
	MODEL	234549	VOLTS	380
	RPM	3450	PHASE	3
	S.F.	1.15	HERTZ	60
	TYPE	3 PHASE		

REMARKS: TESTED IN WATER, SHAFT UP, WITH NO APPLIED THRUST.  
 TYPICAL PERFORMANCE. NOT GUARANTEED AS MINIMUM PERFORMANCE.



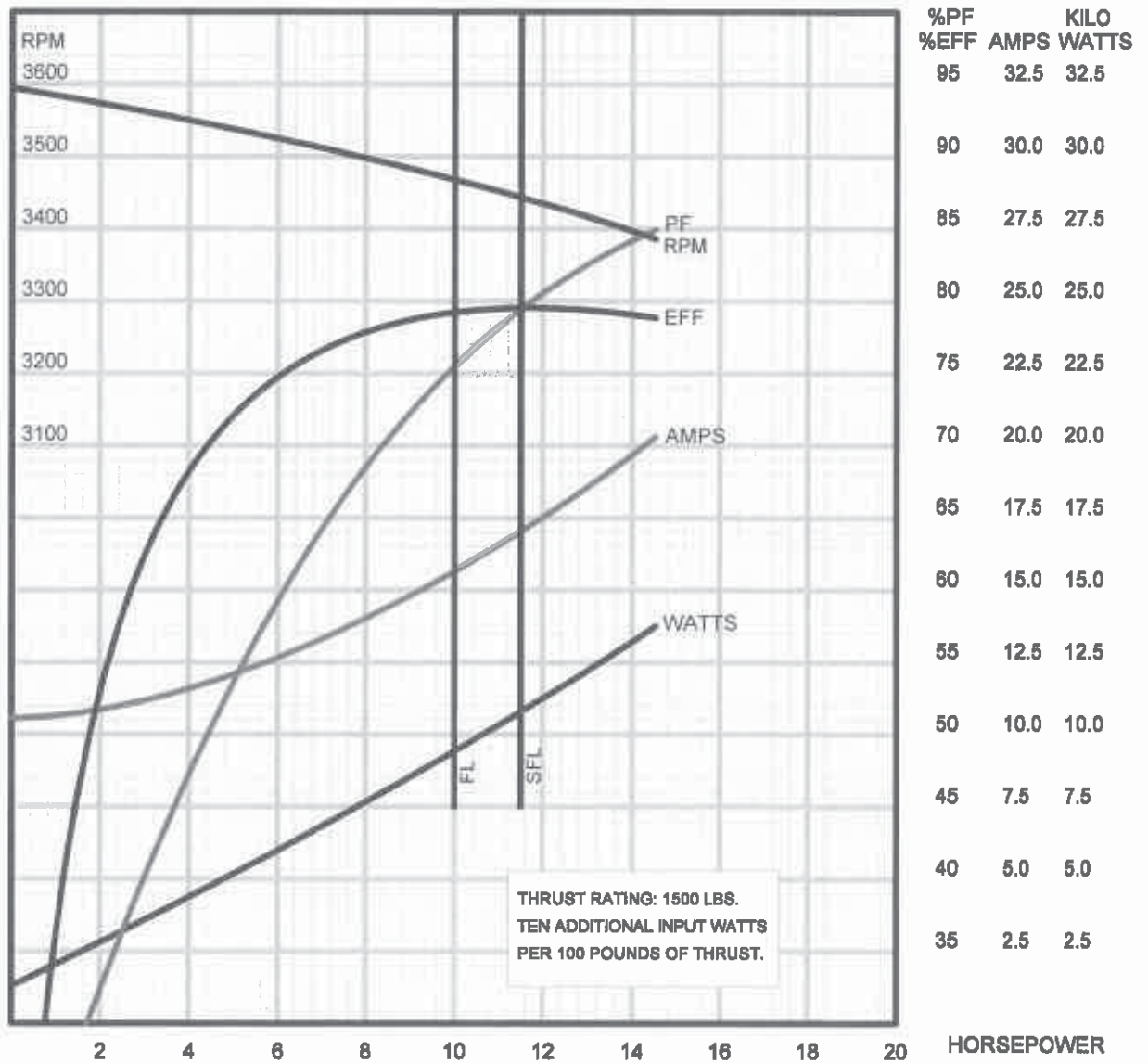
FULL LOAD TORQUE	182	LB-IN
BREAKDOWN TORQUE	691	LB-IN
LOCKED ROTOR TORQUE	833	LB-IN
LOCKED ROTOR AMPS	142	



## MOTOR PERFORMANCE CHARACTERISTICS

TEST	VOLTS	480	HERTZ	60	RATING	FRAME	4 INCH SUB	HP	10
	ST.MFD		RUN MFD			MODEL	234595	VOLTS	480
	TEST PR	8312	PAGE	57		RPM	3450	PHASE	3
	APPR BY		DATE			S.F.	1.15	HERTZ	60
						TYPE	3 PHASE		

REMARKS: TESTED IN WATER, SHAFT UP, WITH NO APPLIED THRUST.  
TYPICAL PERFORMANCE. NOT GUARANTEED AS MINIMUM PERFORMANCE.



FULL LOAD TORQUE	182	LB-IN
BREAKDOWN TORQUE	700	LB-IN
LOCKED ROTOR TORQUE	759	LB-IN
LOCKED ROTOR AMPS	112	

CURVE NO. 337937-200