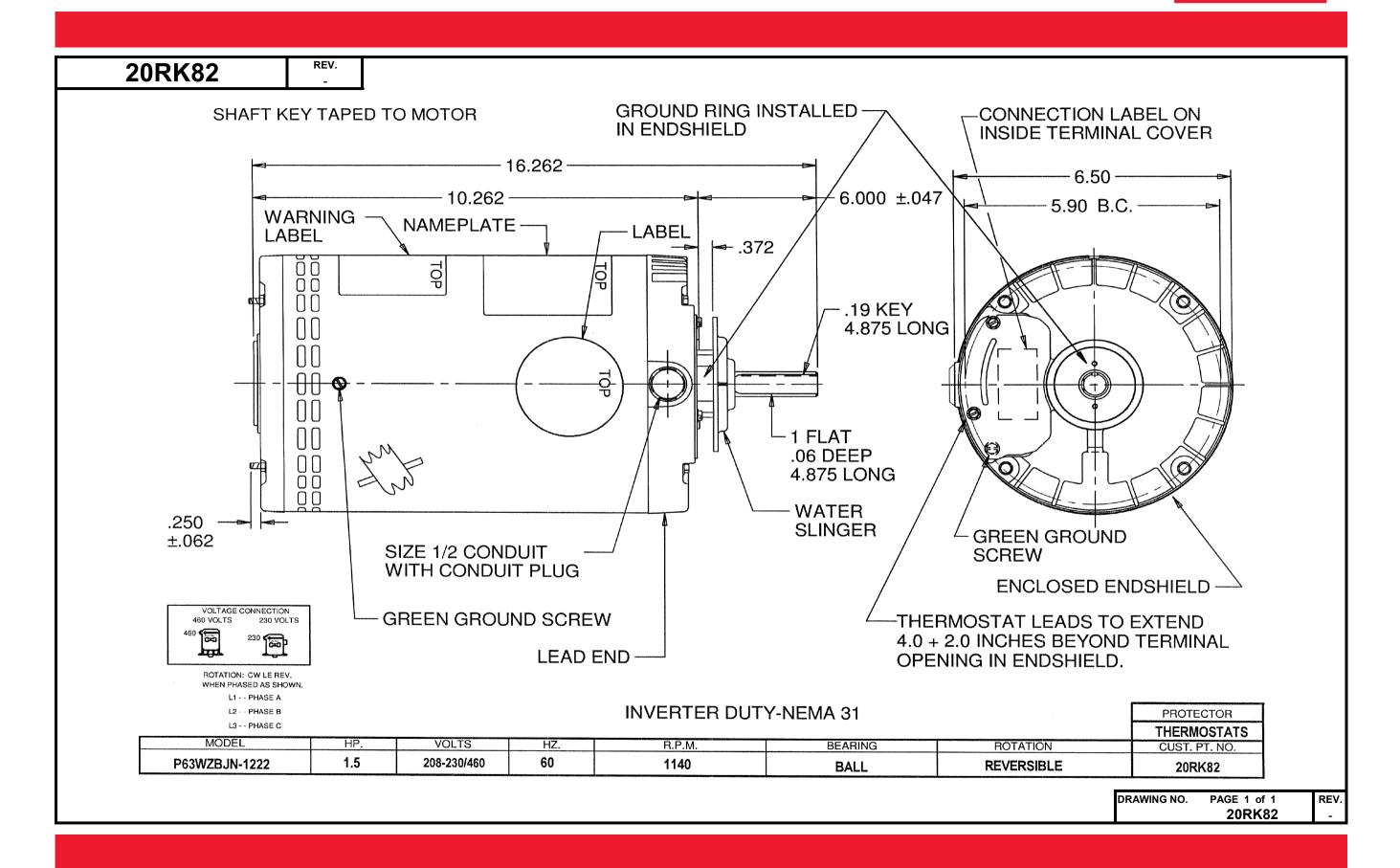
Dimensional Drawing







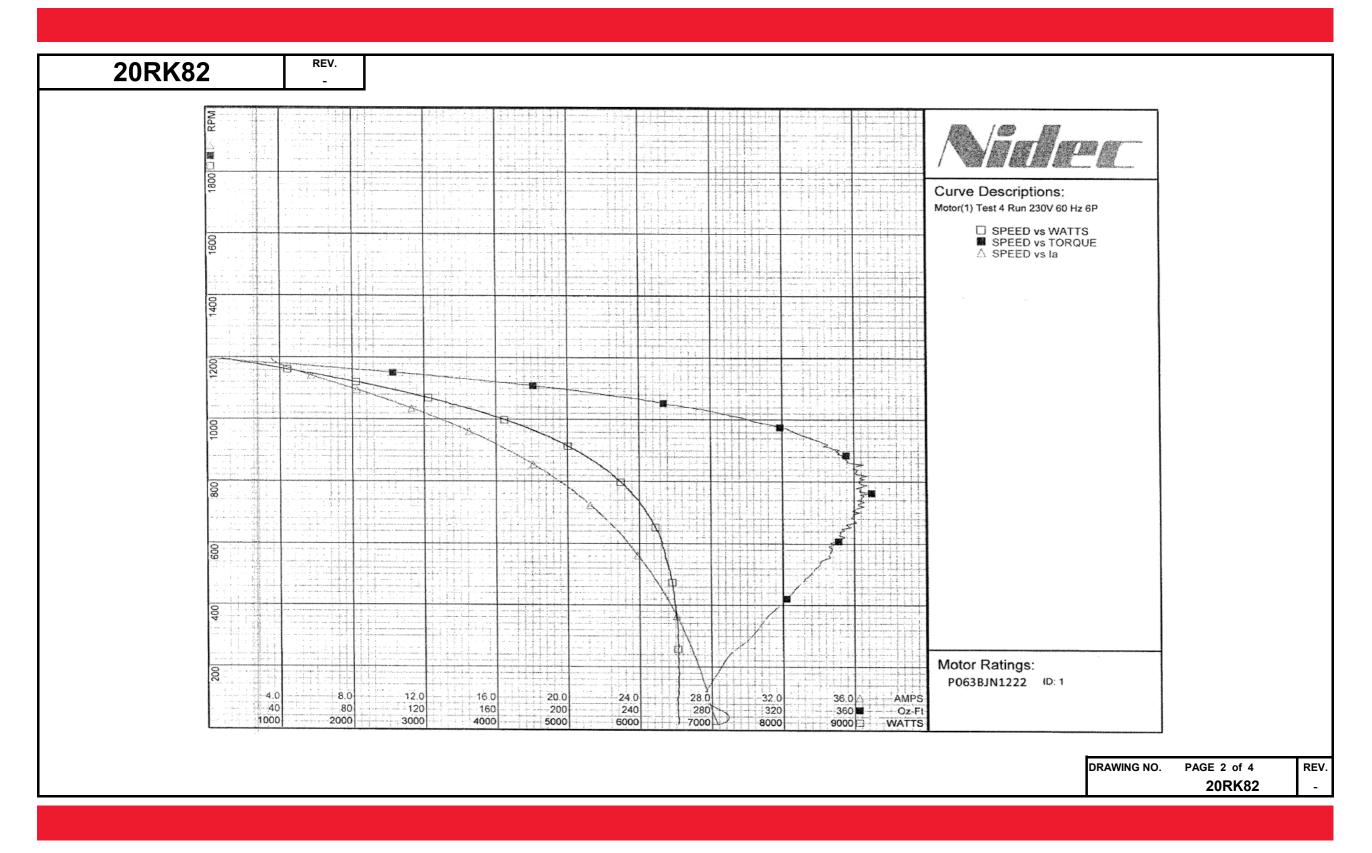
20RK8	82 REV.						
	THREE PHAS	E MOTOR	PERFOR	MANCE			
HP:	1 1/2						
Poles:	6						
Volts:	208-230/460	460	230	208	380	190	
HZ:	60	60	60	60	50	50	
Service Factor:	1.00						
Efficiency (%):	Full Load	78.0	78.0	77.0			
	Service Factor	78.0	78.0	77.0			
	3/4	76.4	76.3	77.0			
	1/2	71.9	71.7	73.6			
	1/4	57.2	57.0	59.7			
Power Factor (%):	Full Load	67.4	67.6	73.2			
	Service Factor	67.4	67.6	73.2			
	3/4	59.5	59.8	66.0			
	1/2	48.0	48.2	54.9			
	1/4	33.3	33.5	38.8			
Amps:	Full Load	2.7	5.3	5.5			
	Service Factor	2.7	5.3	5.5			
	3/4	2.3	4.6	4.6			
	1/2	2.0	4.1	3.8			
	1/4	1.8	3.7	3.3			
	No Load	1.7		3.1			
	Locked Rotor	14.0	27.8				
NEMA Code Letter:				Н			
NEMA Design Letter Full Load RPM:						1	
NEMA Nominal Effic	ionov (%);	1149	1148	1134			
Guaranteed Efficiend							
Max KVAR:	cy (70).					1	
Ambient (°C):		-					
Altitude (FASL):							
. ,	Lb.Ft. / Oz.Ft.						
Full Load Torque	(Circle One)	109.60	109.70	111.10			
Torques:	Breakdown	357.50	354.40	280.60			
% Full-Load	Locked Rotor	270.20	278.70	200.00			
,	Pull-Up	270.20	278.70				
	Service Factor	109.60	109.70	111.10			
Temperature Rise:	Full Load	91.40	89.30	96.70			
	Service Factor	91.40	89.30	96.70			
Winding Material:				Cu			
Notes:							
					DRAWING NO. 20	PAGE 1 of 1 RK82	



20RK82	REV. -											
				Dayt	on Ma	nufactu	ring Com	ipany				
Motor Des	scription					Test Con						
Model:	P063BJN12	772		Test Type:	Run	1001 004	Run Car):)	0			
Motor ID:	1			Test Number:			Start Ca		0µfd			
Poles:	6			Poles:	6		Environ		σμια			
Volts:	208-230/460			Volts:	230		Tested:	ment.	1/29/2008 1:2	0.27 DM		
				Hz:	60			2				
Frequency:	60				00		Tested I		TestBoard, M	10		
HP:	1.5			Rotation:			Gear Ra		1:1			
Speed:	1140			Special Cond:					0.00 Oz-Ft			
Phase:	3			Speed Conn:	1	e.		e l'orque	:-1.28 Oz-Ft			
Protector:				TestBoard:	Amtps P	erformance	Fixture #1					
Special Points	Vab(V)	Vbc (V)	Vca(V)	Ia(A)	Ib(A)	Ic(A)	Watts	RPM	Tq(Oz-ft)	HP	Eff(%)	PF (%)
_	229.9	230.4	229.7	3.53	3.49	3.49	171	1196	0.0	0.000	0.0	12.3
	229.8	230.4	229.8	3.72	3.70	3.67	481	1185	25.3	0.357	55.4	32.7
	229.9 229.7	230.3	229.8 229.8	4.15	4.13	4.08	799	1174 1162	55.5 82.1	0.776	72.5	48.7 59.6
	229.8	230.4	229.8	5.31	5.32	5.21	1410	1149	108.8	1.488	78.8	67.0
1.5 HP	229.8	230.5	229.8	5.34	5.35	5.25	1423	1149	109.7	1.500	78.6	67.2
110.5 OZ-FT	229.8	230.5	229.8	5.37	5.38	5.27	1436	1148	110.5	1.511	78.5	67.5
	229.8 229.8	230.4	229.8 229.8	6.04 6.86	6.06	5.92 6.73	1722 2052	1136 1121	134.0 160.3	1.812 2.139	78.5	72.0 75.5
	229.7	230.6	229.7	7,74	7.75	7.58	2383	1105	186.3	2.452	76.7	77.8
	229.8	230.6	229.6	8.67	8.69	8.46	2715	1088	210.6	2.729	75.0	79.2
	229.9	230.6	229.5	9.67	9.71	9.44	3059	1069	236.1	3.006	73.3	80.0
	230.1 230.0	230.1 230.2	229.8 229.8	10.66 11.72	10.78	10.44	3396 3748	1048	257.6 281.2	3.213 3.436	70.6 68.4	80.2 80.4
	230.1	230.1	229.8	12.92	13.09	12.73	4119	998	301.7	3.585	64.9	80.1
	230.1	230.1	229.8	14.12	14.29	13.90	4446	972	321.8	3.725	62.5	79.1
	230.0	230.1	229.9	15.09	15.28	14.87	4722	945	332.8	3.746	59.2	78.6
	230.1 230.2	230.1 230.1	229.9 229.7	16.21 17.39	16.43	15.96	5006 5277	914	342.6 354.9	3.726	55.5 52.5	77.6 76.4
	230.2	230.1	229.7	18.56	18.78	18.23	5538	838		3.621	48.8	75.0
	230.2	230.2	229.7	19.61	19.84	19.25	5743	798		3.446	44.8	73.7
BDT OZ-FT	230.2	230.1	229.7	20.45	20.68	20.08	5894	762		3.357	42.5	72.5
	230.2 230.2	230.2 230.1	229.7 229.7	20.64	20.88 21.89	20.27	5931 6089	753	365.7 358.8	3.280	41.3 36.9	72.3 70.8
	230.1	230.1	229.7	22.60	22.87	22.20	6225	652		2.781	33.3	69.3
	230.2	230.1	229.7	23.42	23.74	23.05	6317	597	348.7	2.478	29.3	67.8
	230.2 230.1	230.1	229.8	24.25	24.58	23.83	6387	537		2.180	25.5	66.2
	230.2	230.1 230.1	229.8 229.8	24.99 25.68	25.29	24.55 25.22	6455 6489	474 406		1.865	21.6 17.8	65.0 63.6
	230.1	230.1	229.8	26.32	26.63	25.84	6525	335		1.225	14.0	62.4
	230.1	230.1	229.8	26.90	27.21	26.41	6531	257	293.7	0.899	10.3	61.1
	230.0 230.1	230.1 230.1	229.9 229.8	27.42	27.71	26.94	6545	176		0.591	6.7	60.0
	230.1	230.1	229.8	27.84 28.34	28.16 28.54	27.36 27.74	6518 6532	91 13		0.298	3.4	58.9 58.1
											DRAWING NO.	PAGE 1 of 4
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Performance Data



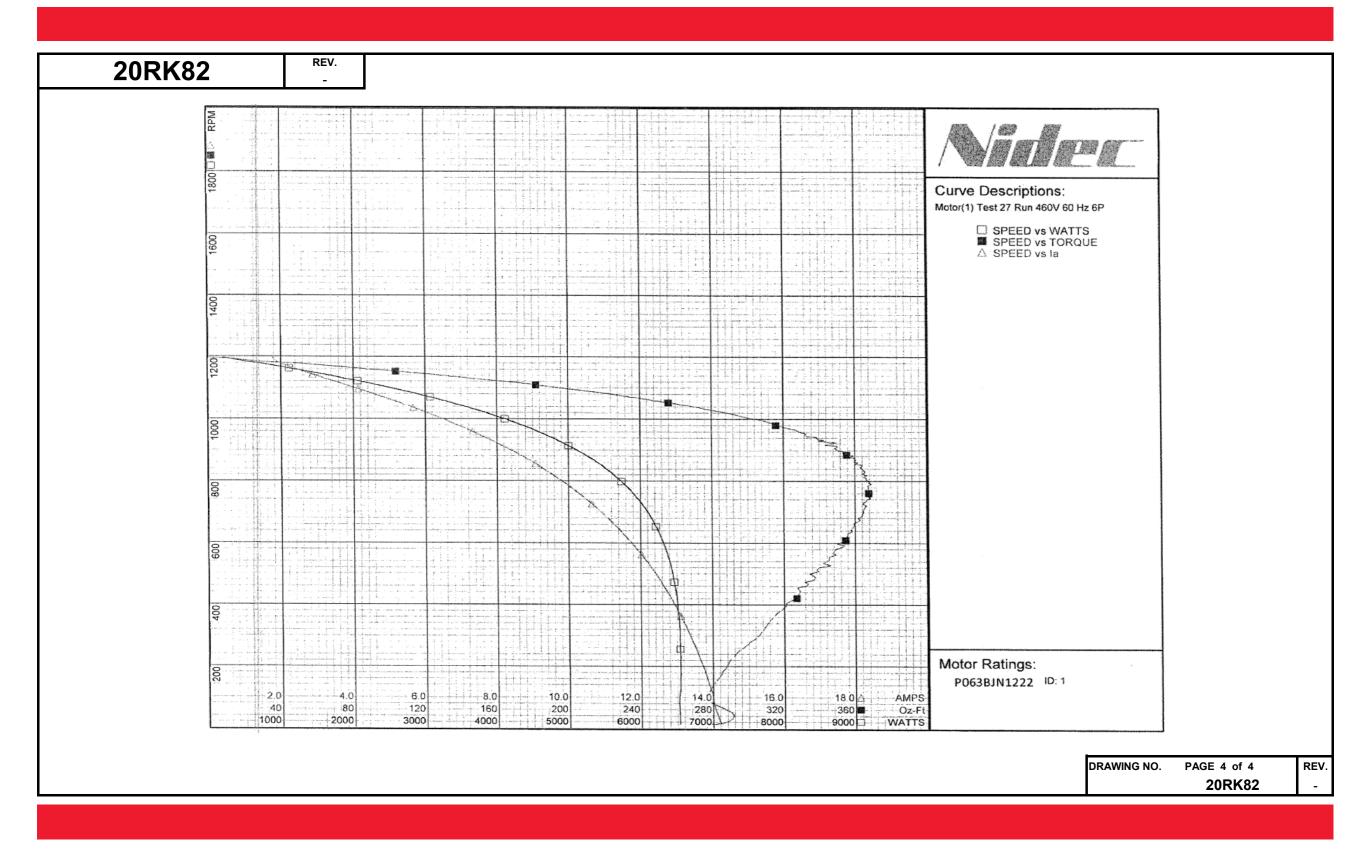




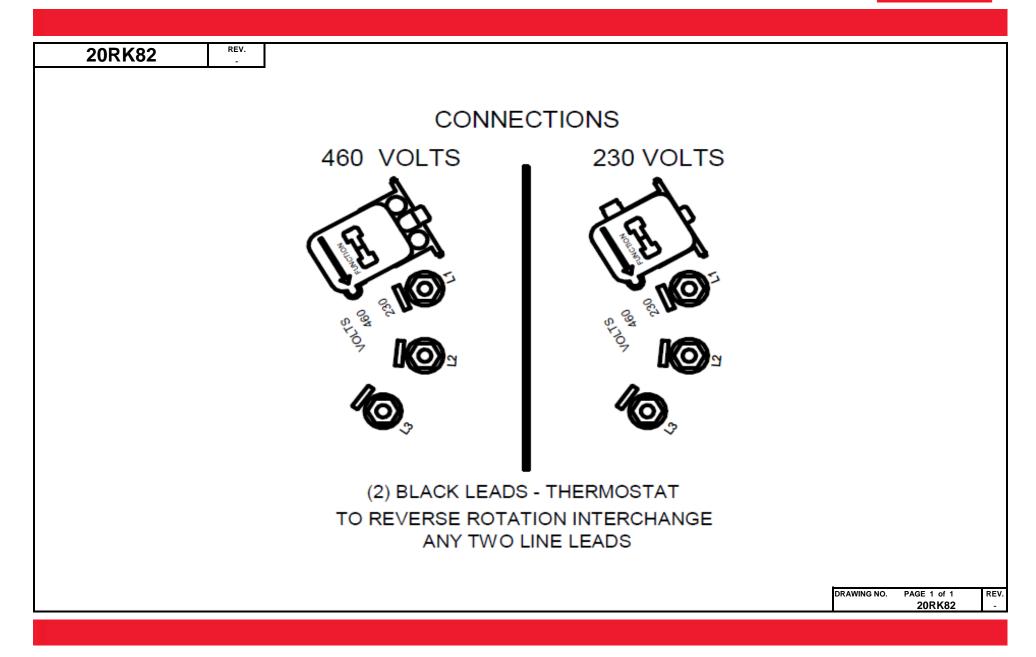
20RK82	-											
				Dayte	on Ma	nufactur	ring Com	ipany				
Motor Des	scription					Test Con	ditions					
Model:	P063BJN12	22		Test Type:	Run		Run Car	p:	0			
Motor ID:	1 0050511122	~~		Test Number:	27		Start Ca		0µfd			
Poles:	6			Poles:	6		Environ					
Volts:	208-230/460			Volts:	460		Tested:		1/29/2008 2:1	2.25 PM		
Frequency:	60			Hz:	60		Tested I	Rv.	TestBoard, M			
HP:	1.5			Rotation:	00		Gear Ra		1:1			
Speed:	1140			Special Cond:					0.00 Oz-Ft			
Phase:	3			Speed Conn:					:-1.60 Oz-Ft			
Protector:	5			TestBoard:	A mine D	erformance		e rorque	-1.00 OZ-FI			
FIOICEIOI.				residoard.	Anaps P	entormance	Fixture #1					
Special Points	Vab (V)	Vbc (V)	Vca(V)	Ia(A)	Ib(A)	Ic(A)	Watts	RPM	Tq(Oz-ft)	HP	Eff(%)	PF (%)
-, -	459.9	460.5	459.6	1.764	1.762	1.735	181	1196	0.0	0.000	0.0	13.0
	459.8	460.5	459.7	1.862	1.870	1.832	488	1185	25.9	0.365	55.8	33.0
	459.8 459.8	460.5	459.7	2.081	2.093	2.042	806	1174	56.9	0.795	73.6	48.8
1.5 HP	459.7	460.6	459.7 459.7	2.352	2.371 2.683	2.307	1110 1409	1162 1150	83.2 109.6	1.151	77.3	59.5 66.7
	459.7	460.6	459.7	2.660	2.684	2.610	1410	1150	109.7	1.501	79.4	66.7
110.5 QZ-FT	459.8	460.5	459.7	2.681	2.705	2.631	1429	1149	110.5	1.511	78.9	67.1
	459.8	460.5	459.7	3.030	3.062	2.971	1727	1135	134.3	1.816	78.5	71.7
	459.8 459.8	460.7	459.6 459.7	3.443 3.865	3.478 3.912	3.375	2063 2386	1121 1105	161.7	2.158	78.1	75.4
	459.7	460.5	459.8	4.331	4.387	3.795 4.259	2724	1088	186.8	2.458	76.8	77.6 79.0
	459.7	460.5	459.8	4.840	4.898	4.768	3072	1070	237.3	3.023	73.4	79.7
	459.9	460.5	459.6	5.360	5.424	5.271	3411	1048	261.0	3.256	71.2	80.0
	459.9	460.5	459.6 459.6	5.889 6.498	5.963	5.792	3751	1026	281.8	3.442	68.5	80.0
	459.8	460.6	459.5	7.013	6.580	6.395	4113 4415	1000 975	303.6 319.7	3.614 3.710	65.6	79.5 79.1
	459.9	460.6	459.6	7.577	7.675	7.465	4719	944	333.0	3.744	59.2	78.2
	459.9	460.6	459.5	8.140	8.238	8.008	5004	914	350.2	3.809	56.8	77.3
	460.1 460.1	460.4	459.6 459.8	B.734 9.273	8.849 9.422	8.591 9.133	5283 5520	878 840	356.8 364.1	3.728	52.6	76.0
	460.3	460.0	459.7	9.833	9.992	9.659	5742	798	368.1	3.496	49.2	73.3
BDT OZ FT	460.3	459.9	459.8	9.938	10.101	9.756	5777	789	369.1	3.468	44.8	73.0
	460.2	459.9	459.8	10.371	10.538	10.185	5931	752		3.288	41.4	71.8
	460.2 460.2	460.0	459.8	10.866	11.041	10.678	6090 6215	704	364.4	3.054	37.4	70.4
	460.2	460.0	459.8		11.952	11.127	6321	653 597	358.9 349.8	2.790	33.5	68.9 67.5
	460.2	460.0	459.8	12.181	12.370	11.968	6404	538		2.199	25.6	66.0
	460.2	460.1	459.7	12.567	12,759	12.353	6464	473	331.5	1.865	21.5	64.6
	460.2 460.2	460.0	459.8	12.909	13.100	12.690	6504	405		1.549	17.8	63.3
	460.2	460.0	459.8 459.8	13.224 13.529	13.422	12.996 13.295	6531 6541	336 256		1.240	14.2	62.0 60.7
	460.1	460.1	459.8	13.792	13.981	13.546	6546	176		0.596	6.8	59.7
	460.2	460.0	459.8	14.011	14.210	13.762	6523	90	277.5	0.297	3.4	58.5
	460.2	460.0	459.8	14,233	14.384	13.987	6532	12	281.0	0.039	0.5	57.7
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Performance Data











CONDENSER FAN MOTOR

