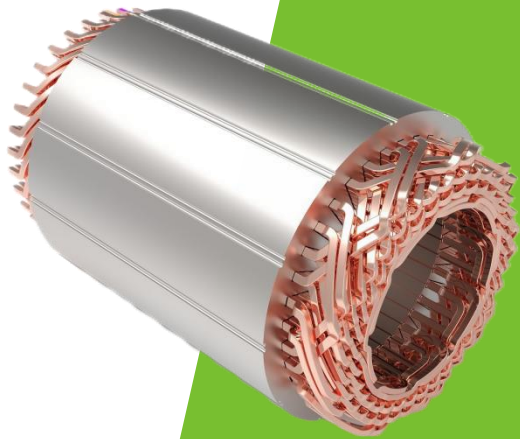
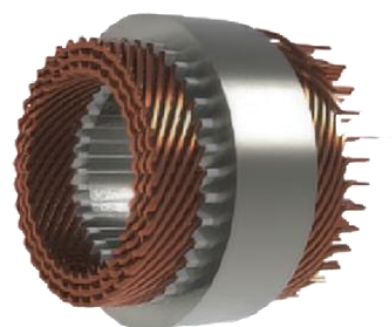
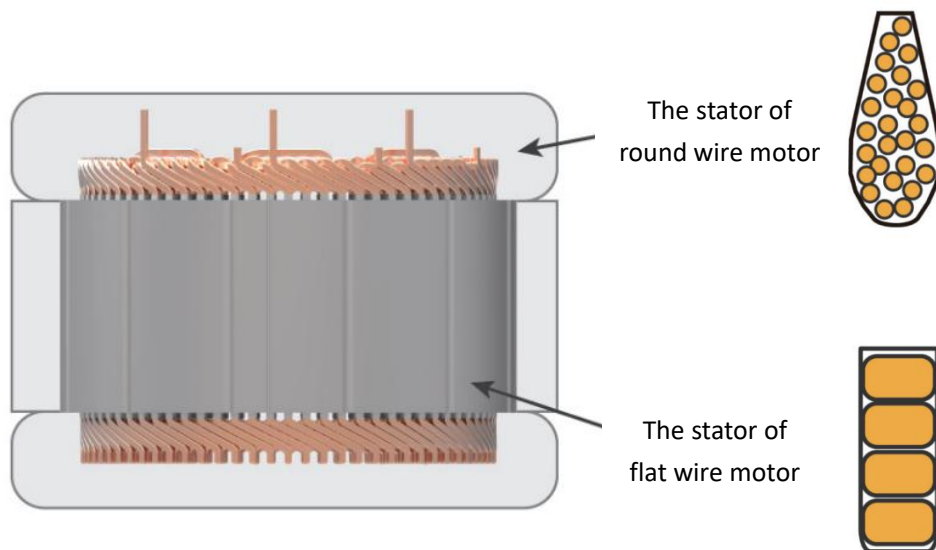




290 mm Stator OD Standard Motor Selection Guide



**Slot full rate increased:**

The conductor is flat copper wire.

The copper full rate in the slot is increased by more than 25%, and the power density of the motor is increased.

**Better heat dissipation:**

The effective contact area between the flat copper wire and the stator core increases.

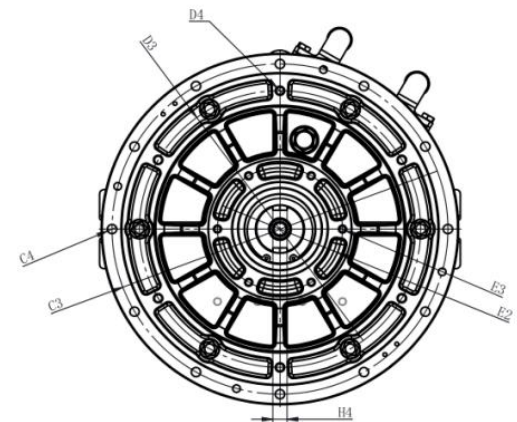
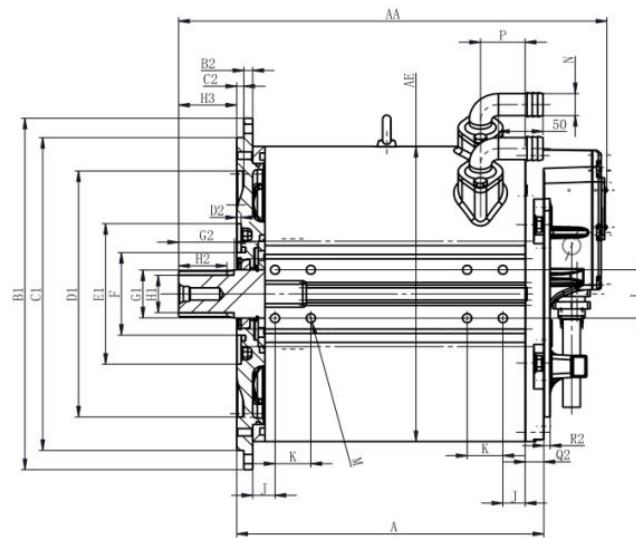
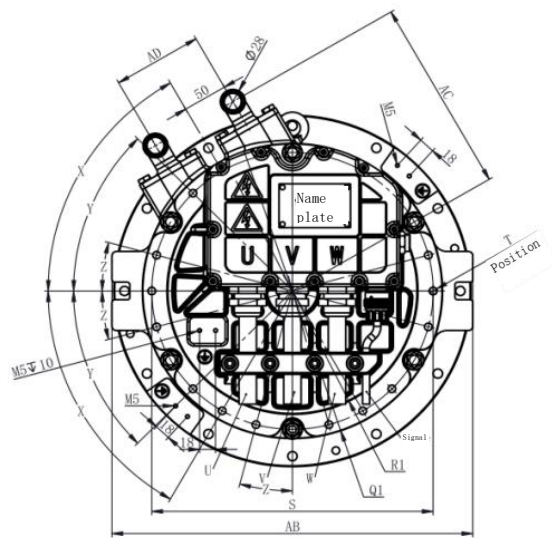
The winding temperature rise is 17.5% lower than the round wire motor, and the heat dissipation is better.

**More cost-effective:**

The motor diameter is reduced by 10%, and the axis length (height) is reduced by 15%.

Performance increases, weight decreases.

290mm Series Motor



Model No.	Weight (kg)	Mounting Dimension (mm)																												Mounting Angle (°)			Overall Dimension (mm)					
		A	B1	B2	C1	C2	C3	C4	D1	D2	D3	D4	E1	E2	E3	F	G1	G2	H1	H2	H3	H4	J	K	L	M	N	P	Q1	Q2	R1	S	T	X	Y	Z	AA	AB
SZDS290FW*L60-*.*)	64.9	204	400	10	356	8	376	12-φ10.5	280	5	315	6-M10	160	140	6-M8	94	54.5	65	42.5	52	65	16	25	40	50	8-M12	2-φ25	50	336	21	280 Partial rotation	315	M10	60°	45°	15°	336	401
SZDS290FW*L80-*.*)	74.4	224																																			356	
SZDS290FW*L100-*.*)	83.9	244																																			376	
SZDS290FW*L120-*.*)	93.4	264																																			396	
SZDS290FW*L140-*.*)	103.0	284																																			416	
SZDS290FW*L160-*.*)	112.5	304																																			436	
SZDS290FW*L180-*.*)	122.0	324																																			456	
SZDS290FW*L200-*.*)	131.6	344																																			476	
SZDS290FW*L220-*.*)	141.1	364																																			496	
SZDS290FW*L240-*.*)	150.6	384																																			516	
SZDS290FW*L260-*.*)	160.1	404																																			536	
SZDS290FW*L280-*.*)	169.7	424																																			556	
SZDS290FW*L300-*.*)	179.2	444																																			576	
SZDS290FW*L320-*.*)	188.7	464																																			596	
SZDS290FW*L340-*.*)	198.2	484																																			616	
SZDS290FW*L360-*.*)	207.8	504																																			636	
SZDS290FW*L380-*.*)	217.3	524	656																																			
SZDS290FW*L400-*.*)	226.8	544	676																																			

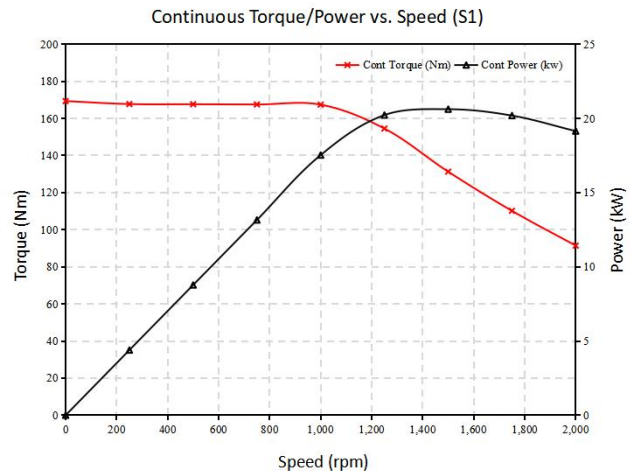
Stator OD	290						
Speed	1,000RPM						
Model No.	Rated Power (kW)	Minimum Bus Voltage (V)	Line Current RMS (A)	Frequency (Hz)	Rated Torque (N.m)	Overload Multiples	Peak Speed (RPM)
SZDS290FW1L60-17-1000	17	128	163.8	83.3	167.4	1.6	2,000
SZDS290FW2L60-17-1000		65	327.6				
SZDS290FW1L80-23-1000	23	166	163.8	83.3	223.4	1.6	2,000
SZDS290FW2L80-23-1000		84	327.6				
SZDS290FW1L100-29-1000	29	205	163.8	83.3	279.0	1.6	2,000
SZDS290FW2L100-29-1000		104	327.6				
SZDS290FW1L120-35-1000	35	244	163.8	83.3	334.8	1.6	2,000
SZDS290FW2L120-35-1000		124	327.6				
SZDS290FW1L140-40-1000	40	283	163.8	83.3	384.4	1.6	2,000
SZDS290FW2L140-40-1000		140	327.6				
SZDS290FW1L160-46-1000	46	320	163.8	83.3	446.3	1.6	2,000
SZDS290FW2L160-46-1000		163	327.6				
SZDS290FW1L180-58-1000	58	360	182.0	83.3	560.8	1.6	2,000
SZDS290FW2L180-58-1000		182	364.0				
SZDS290FW1L200-65-1000	65	397	182.0	83.3	626.8	1.6	2,000
SZDS290FW2L200-65-1000		200	364.0				
SZDS290FW1L220-72-1000	72	436	182.0	83.3	689.5	1.6	2,000
SZDS290FW2L220-72-1000		220	364.0				
SZDS290FW1L240-78-1000	78	474	182.0	83.3	752.2	1.6	2,000
SZDS290FW2L240-78-1000		240	364.0				
SZDS290FW1L260-85-1000	85	512	182.0	83.3	814.8	1.6	2,000
SZDS290FW2L260-85-1000		260	364.0				
SZDS290FW1L280-91-1000	91	550	182.0	83.3	877.5	1.6	2,000
SZDS290FW2L280-91-1000		278	364.0				
SZDS290FW1L300-98-1000	98	590	182.0	83.3	940.2	1.6	2,000
SZDS290FW2L300-98-1000		298	364.0				
SZDS290FW1L320-105-1000	105	630	182.0	83.3	1,002.9	1.6	2,000
SZDS290FW2L320-105-1000		318	364.0				
SZDS290FW1L340-111-1000	111	666	182.0	83.3	1,065.5	1.6	2,000
SZDS290FW2L340-111-1000		336	364.0				
SZDS290FW1L360-118-1000	118	706	182.0	83.3	1,128.2	1.6	2,000
SZDS290FW2L360-118-1000		355	364.0				
SZDS290FW1L380-124-1000	124	745	182.0	83.3	1,190.9	1.6	2,000
SZDS290FW2L380-124-1000		375	364.0				
SZDS290FW2L400-131-1000	131	394	364.0	83.3	1,253.6	1.6	2,000

1. The actual overload capacity of the motor depends on the user's use time.

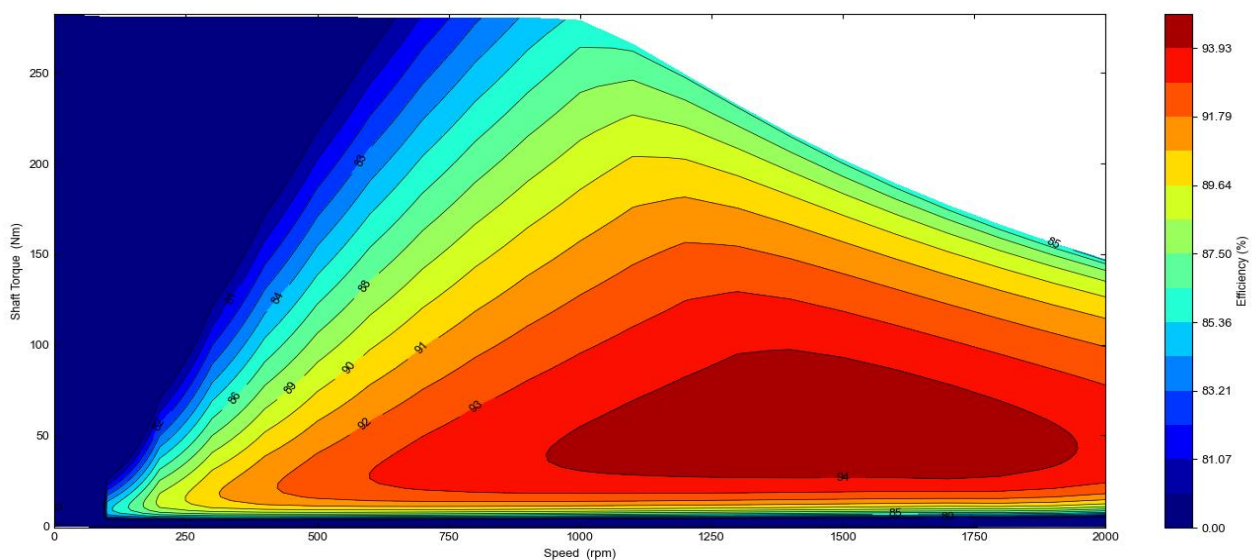
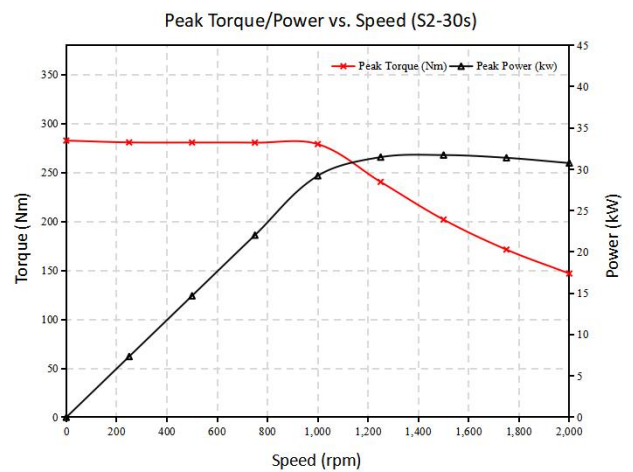
2. The actual peak speed depends on the user's actual voltage platform.

Motor Performance @ 1000rpm (290mm OD / 60mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	169.3	0.0
250	167.7	4.4
500	167.6	8.8
750	167.5	13.2
1,000	167.4	17.5
1,250	154.5	20.2
1,500	131.3	20.6
1,750	110.2	20.2
2,000	91.4	19.1

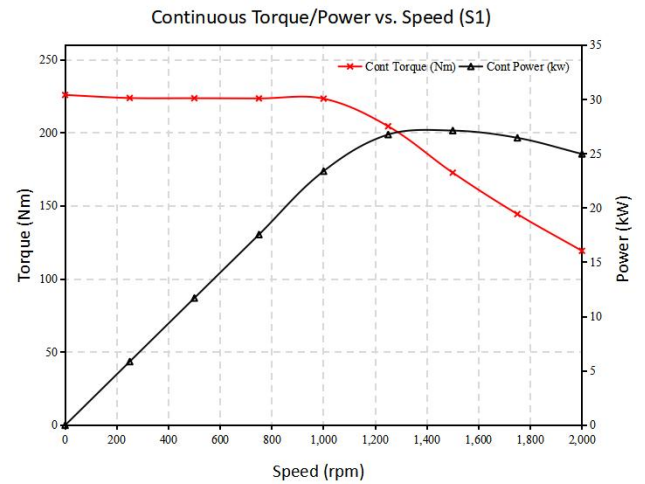


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	282.7	0.0
250	280.8	7.4
500	280.7	14.7
750	280.5	22.0
1,000	279.0	29.2
1,250	240.4	31.5
1,500	202.0	31.7
1,750	171.3	31.4
2,000	146.8	30.8

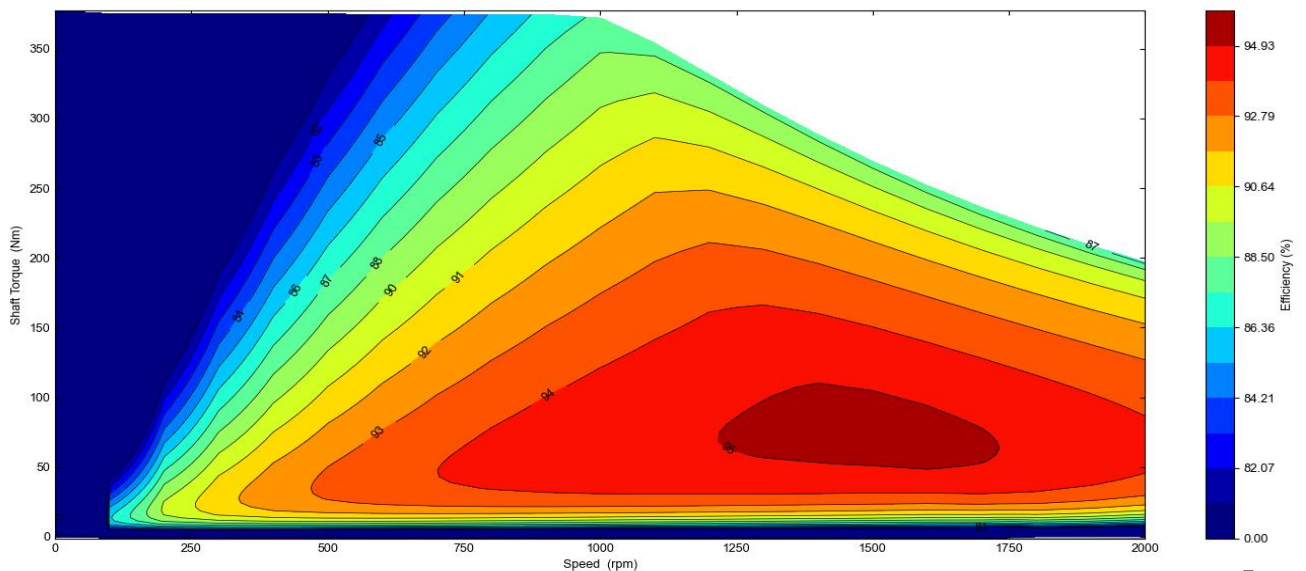
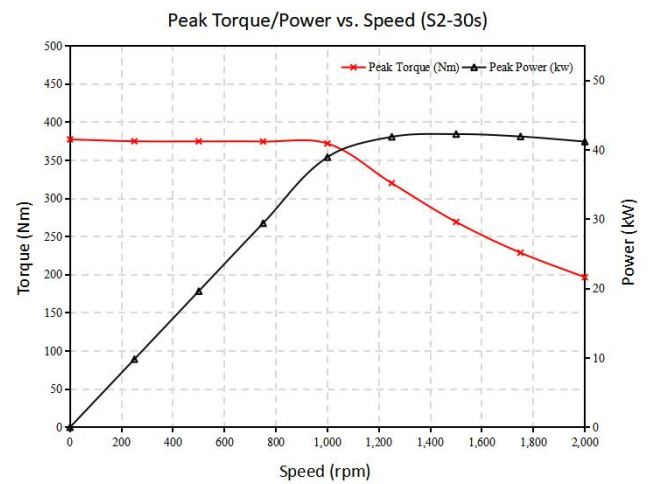


Motor Performance @ 1000rpm (290mm OD / 80mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	225.9	0.0
250	223.8	5.9
500	223.7	11.7
750	223.5	17.6
1,000	223.4	23.4
1,250	204.5	26.8
1,500	172.7	27.1
1,750	144.4	26.5
2,000	119.3	25.0

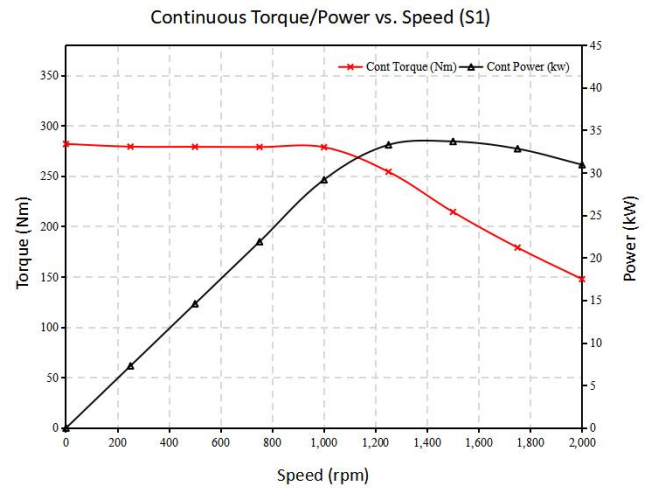


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	377.4	0.0
250	374.9	9.8
500	374.7	19.6
750	374.6	29.4
1,000	372.0	38.9
1,250	320.0	41.9
1,500	269.1	42.3
1,750	228.8	41.9
2,000	196.7	41.2

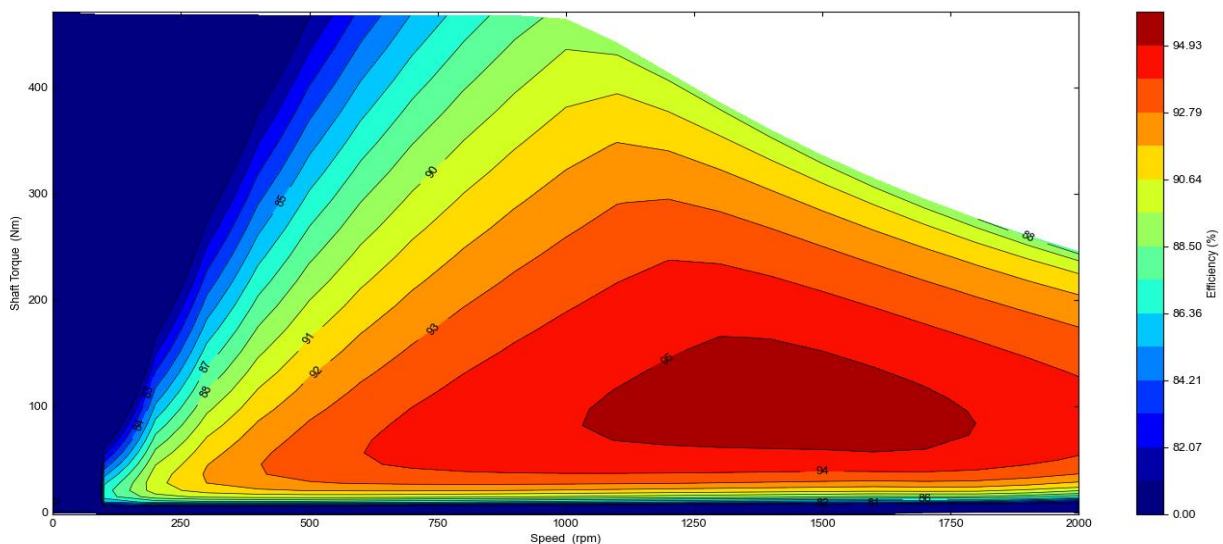
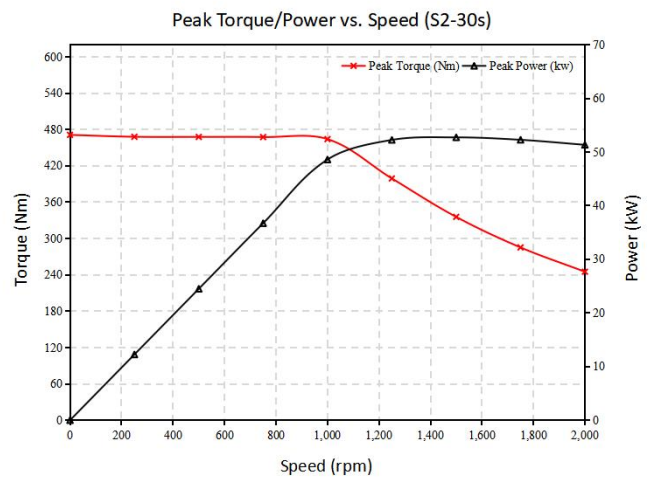


Motor Performance @ 1000rpm (290mm OD / 100mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	282.2	0.0
250	279.5	7.3
500	279.3	14.6
750	279.2	21.9
1,000	279.0	29.2
1,250	254.5	33.3
1,500	214.6	33.7
1,750	179.3	32.9
2,000	147.9	31.0

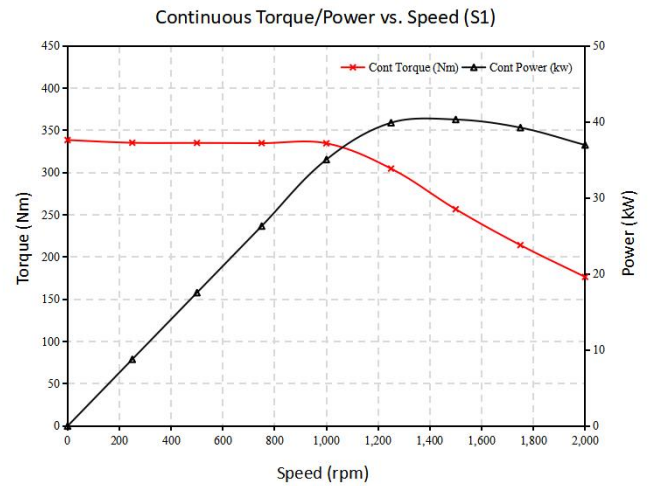


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	471.1	0.0
250	468.0	12.3
500	467.8	24.5
750	467.6	36.7
1,000	464.1	48.6
1,250	399.2	52.3
1,500	335.7	52.7
1,750	285.3	52.3
2,000	245.1	51.3

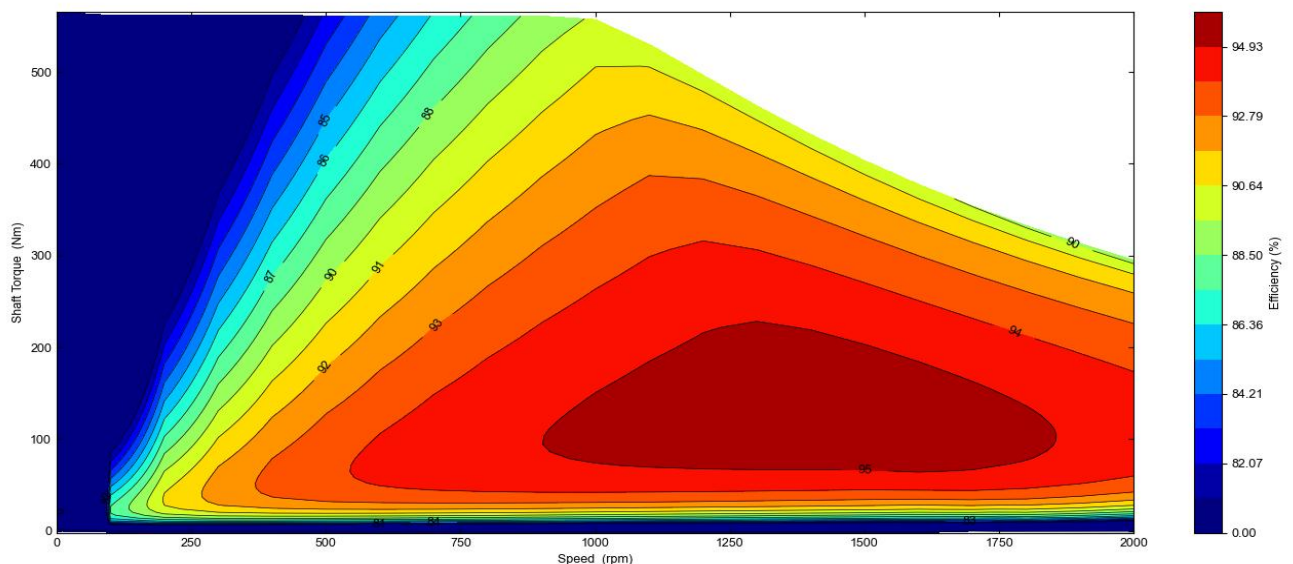
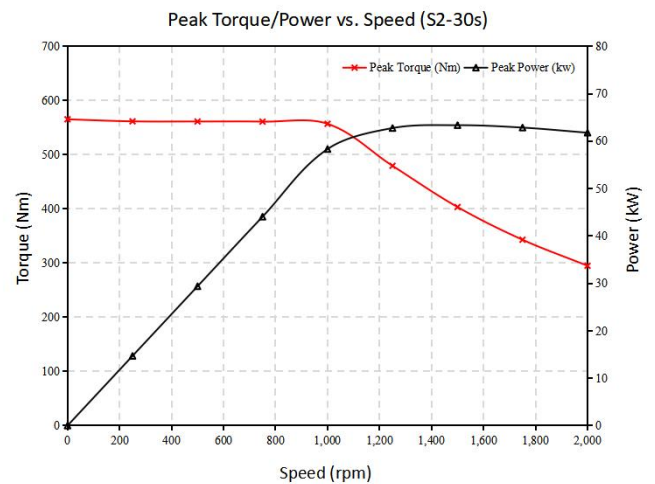


Motor Performance @ 1000rpm (290mm OD / 120mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	338.6	0.0
250	335.4	8.8
500	335.2	17.5
750	335.0	26.3
1,000	334.8	35.1
1,250	304.8	39.9
1,500	256.8	40.3
1,750	214.2	39.3
2,000	176.6	37.0

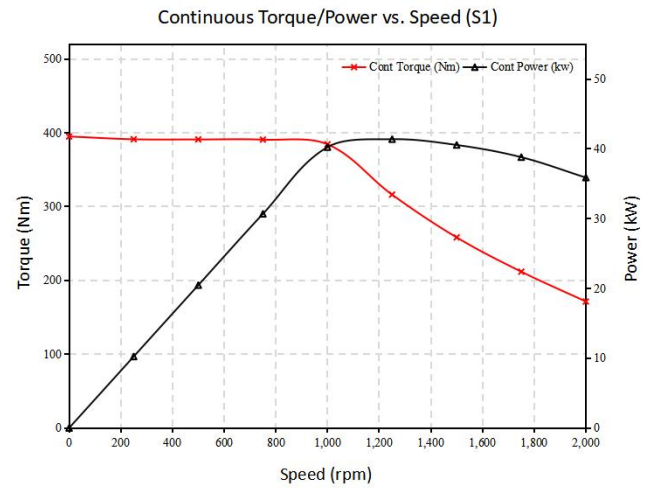


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	565.4	0.0
250	561.6	14.7
500	561.3	29.4
750	561.1	44.1
1,000	557.0	58.3
1,250	479.5	62.8
1,500	403.5	63.4
1,750	343.1	62.9
2,000	295.0	61.8

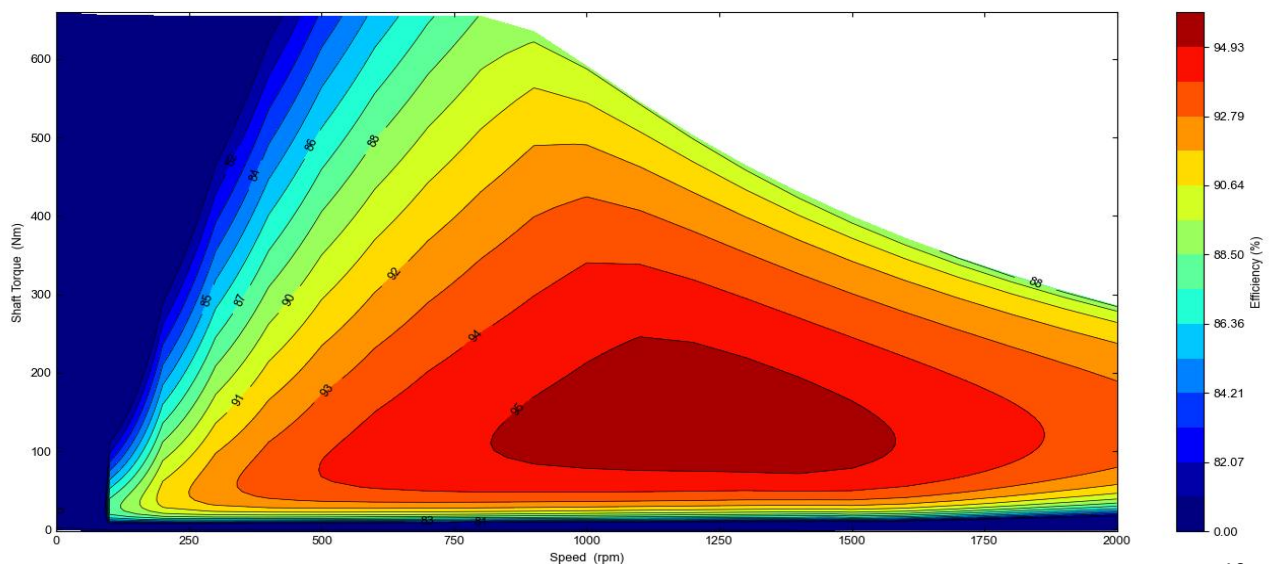
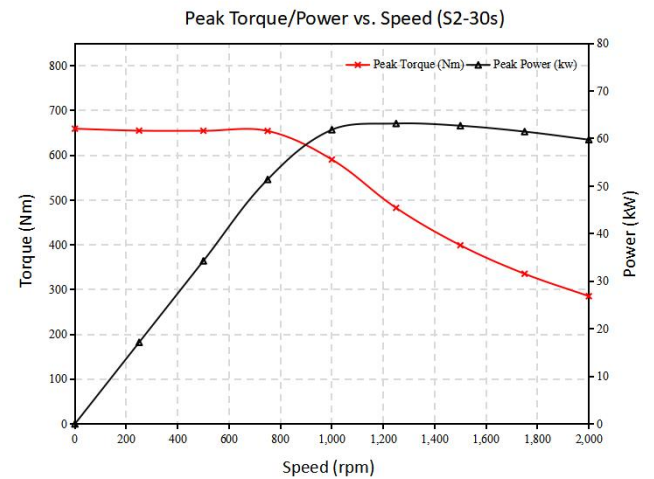


Motor Performance @ 1000rpm (290mm OD / 140mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	395.1	0.0
250	391.3	10.2
500	391.1	20.5
750	390.8	30.7
1,000	384.4	40.3
1,250	316.3	41.4
1,500	258.3	40.6
1,750	211.8	38.8
2,000	171.4	35.9

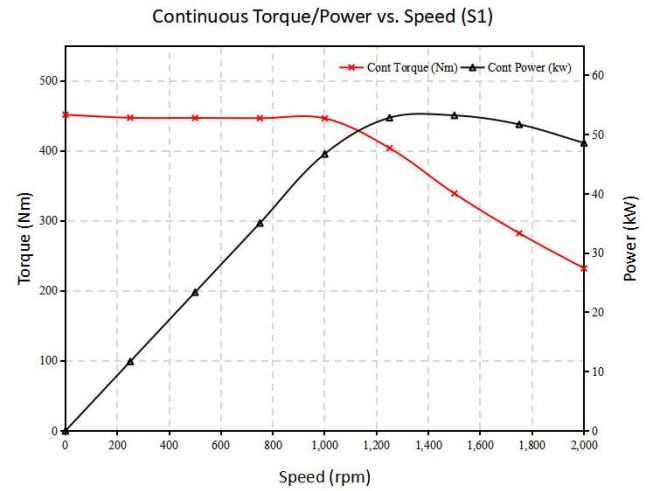


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	659.6	0.0
250	655.2	17.2
500	654.9	34.3
750	654.6	51.4
1,000	590.7	61.9
1,250	482.6	63.2
1,500	399.2	62.7
1,750	335.4	61.5
2,000	285.4	59.8

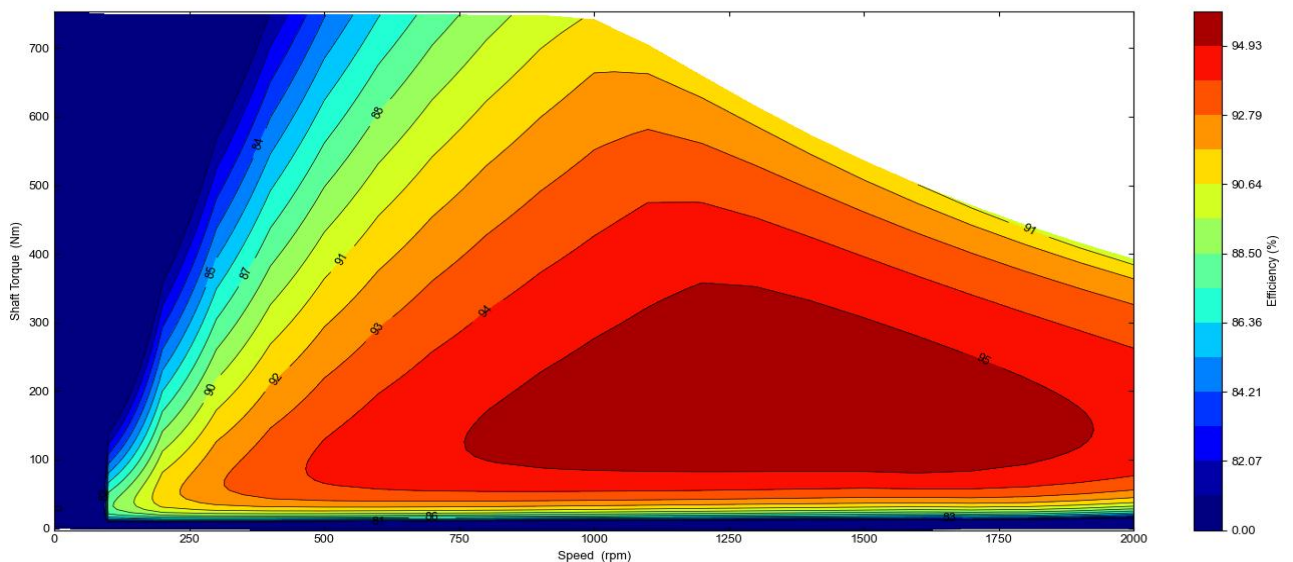
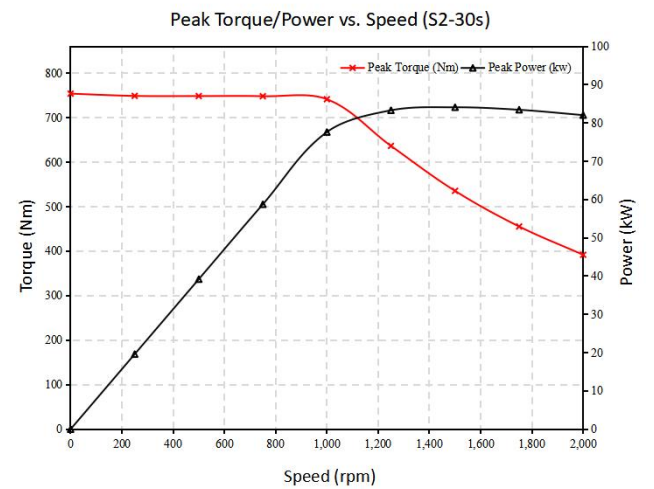


Motor Performance @ 1000rpm (290mm OD / 160mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	451.5	0.0
250	447.2	11.7
500	446.9	23.4
750	446.6	35.1
1,000	446.3	46.7
1,250	403.9	52.9
1,500	339.0	53.3
1,750	282.3	51.7
2,000	232.1	48.6

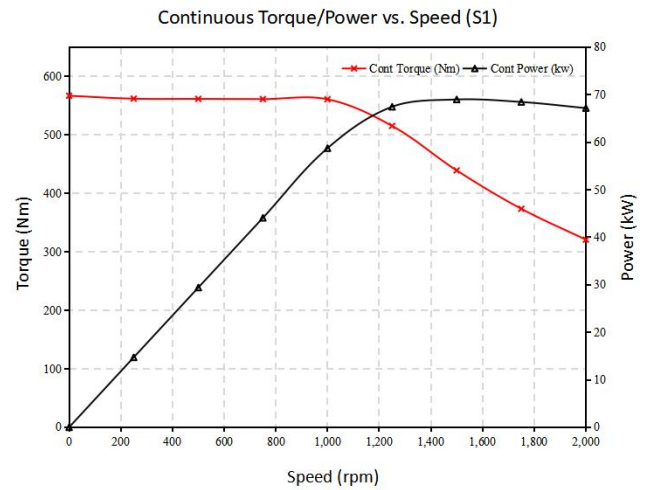


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	753.8	0.0
250	748.8	19.6
500	748.4	39.2
750	748.1	58.7
1,000	741.3	77.6
1,250	636.4	83.3
1,500	535.4	84.1
1,750	455.4	83.4
2,000	391.8	82.0

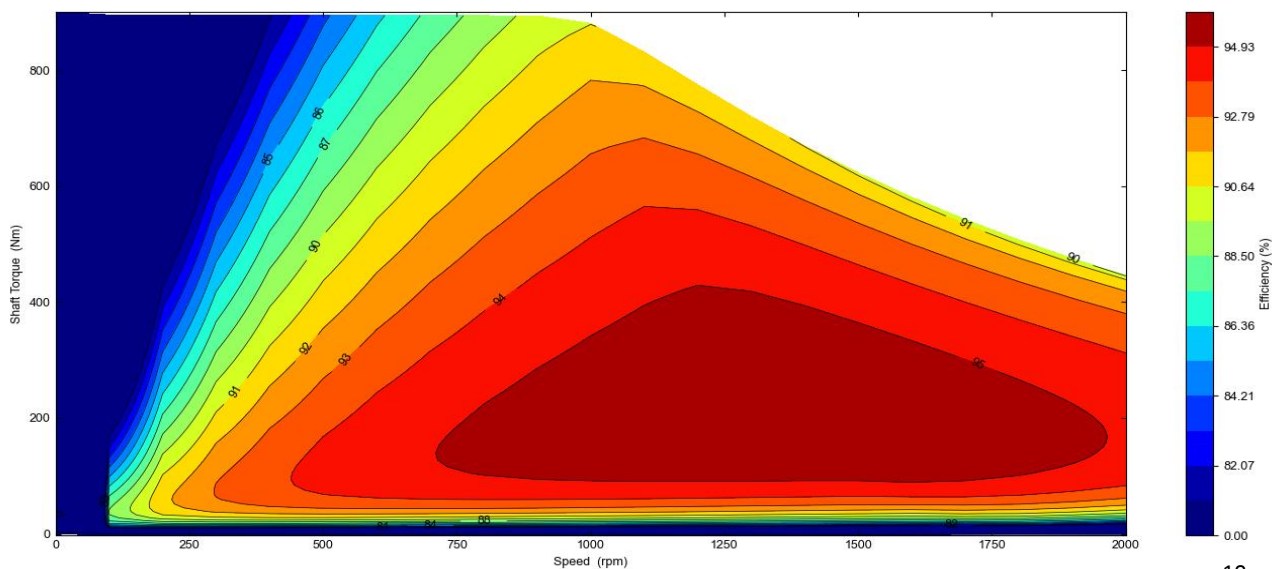
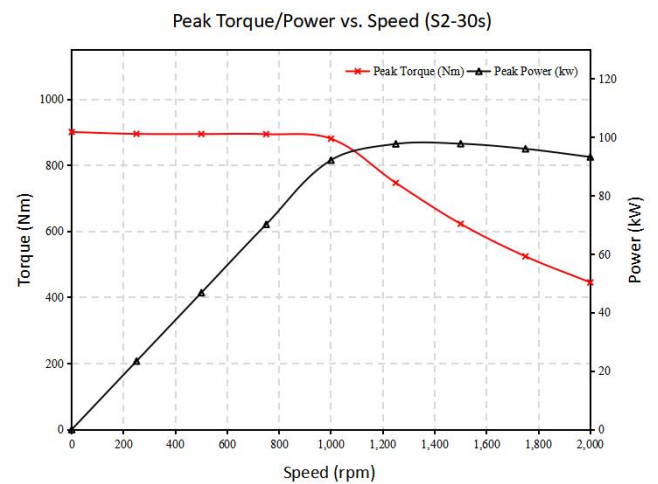


Motor Performance @ 1000rpm (290mm OD / 180mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	566.8	0.0
250	561.9	14.7
500	561.5	29.4
750	561.2	44.1
1,000	560.8	58.7
1,250	515.3	67.4
1,500	439.2	69.0
1,750	373.6	68.5
2,000	320.7	67.2

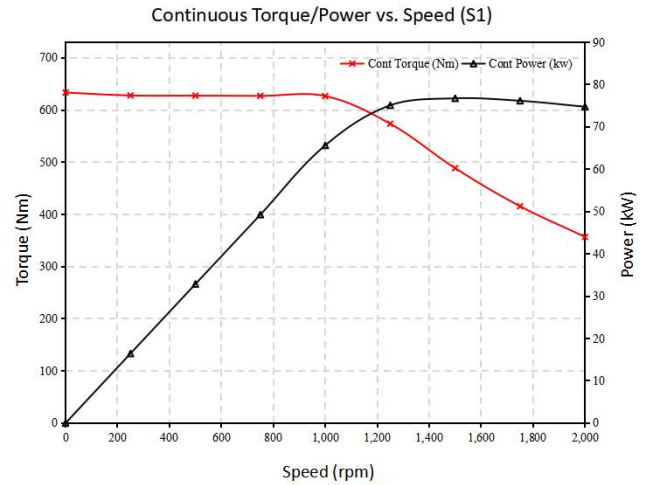


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	901.4	0.0
250	895.6	23.4
500	895.2	46.9
750	894.8	70.3
1,000	881.1	92.3
1,250	747.3	97.8
1,500	623.2	97.9
1,750	524.6	96.1
2,000	445.7	93.3

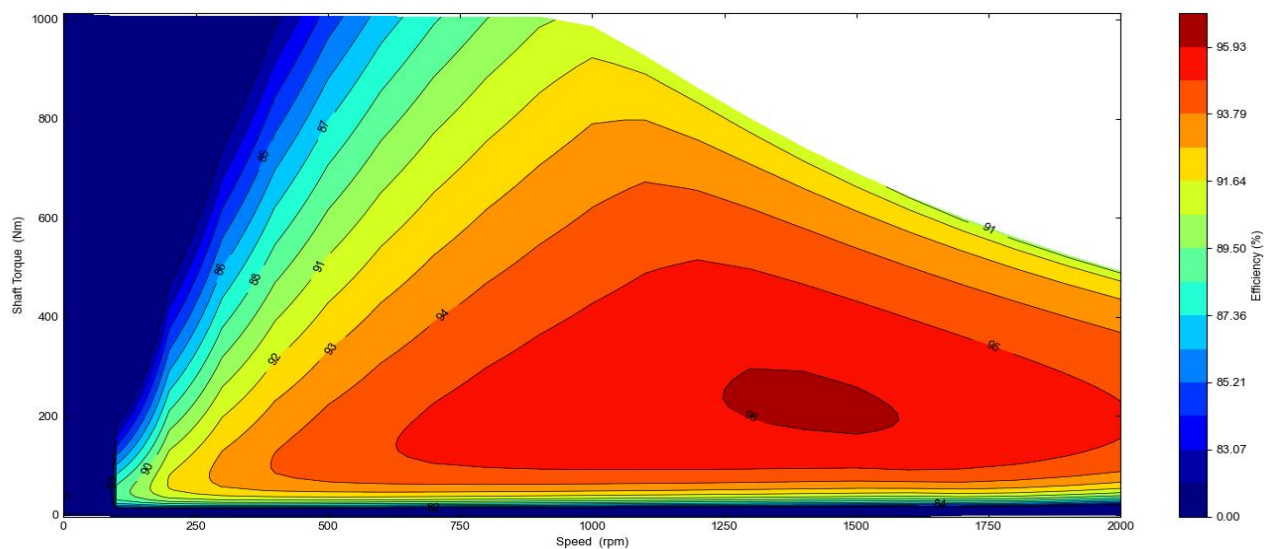
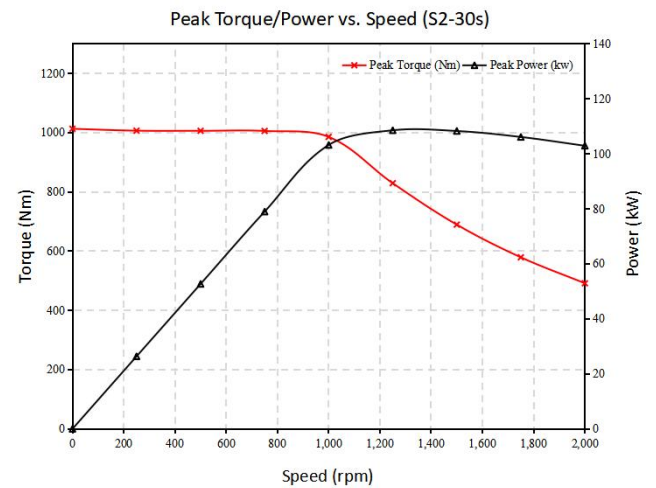


Motor Performance @ 1000rpm (290mm OD / 200mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	633.5	0.0
250	628.0	16.4
500	627.6	32.9
750	627.2	49.3
1,000	626.8	65.6
1,250	573.7	75.1
1,500	488.6	76.7
1,750	415.6	76.2
2,000	357.0	74.8

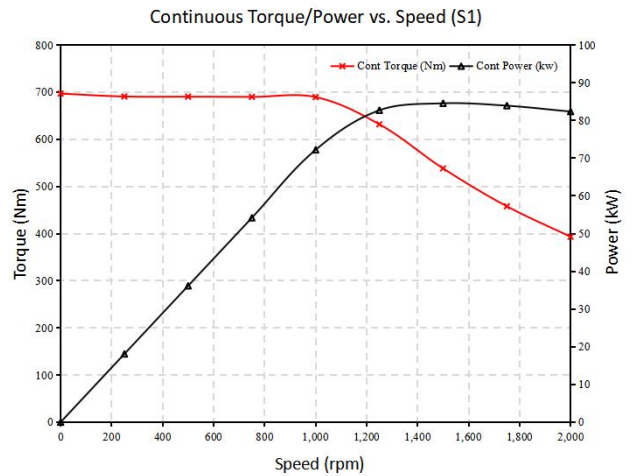


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,012.7	0.0
250	1,006.2	26.3
500	1,005.7	52.7
750	1,005.3	78.9
1,000	985.3	103.2
1,250	829.0	108.5
1,500	689.2	108.2
1,750	578.9	106.1
2,000	491.3	102.9

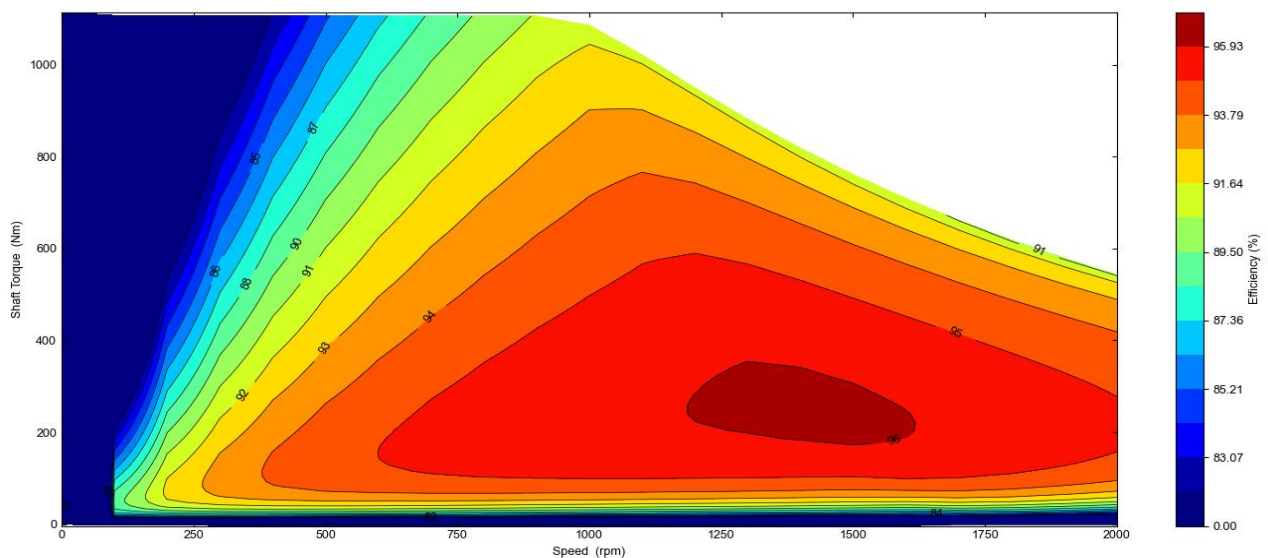
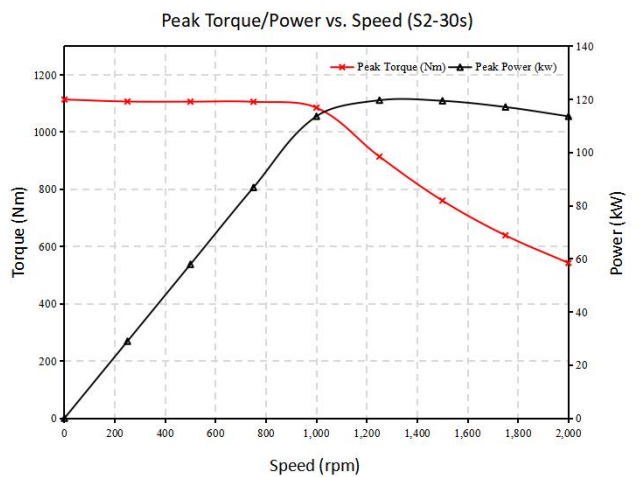


Motor Performance @ 1000rpm (290mm OD / 220mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	696.9	0.0
250	690.8	18.1
500	690.3	36.1
750	689.9	54.2
1,000	689.5	72.2
1,250	631.8	82.7
1,500	538.2	84.5
1,750	457.9	83.9
2,000	393.2	82.4

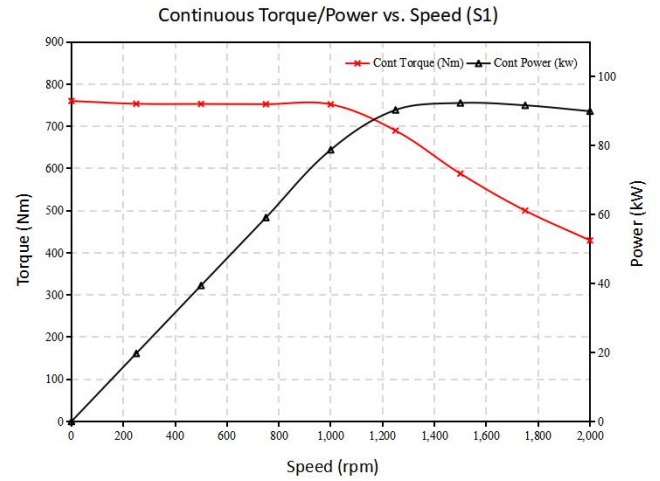


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,113.9	0.0
250	1,106.8	29.0
500	1,106.3	57.9
750	1,105.8	86.8
1,000	1,085.2	113.6
1,250	914.3	119.7
1,500	760.6	119.5
1,750	639.2	117.1
2,000	542.6	113.6

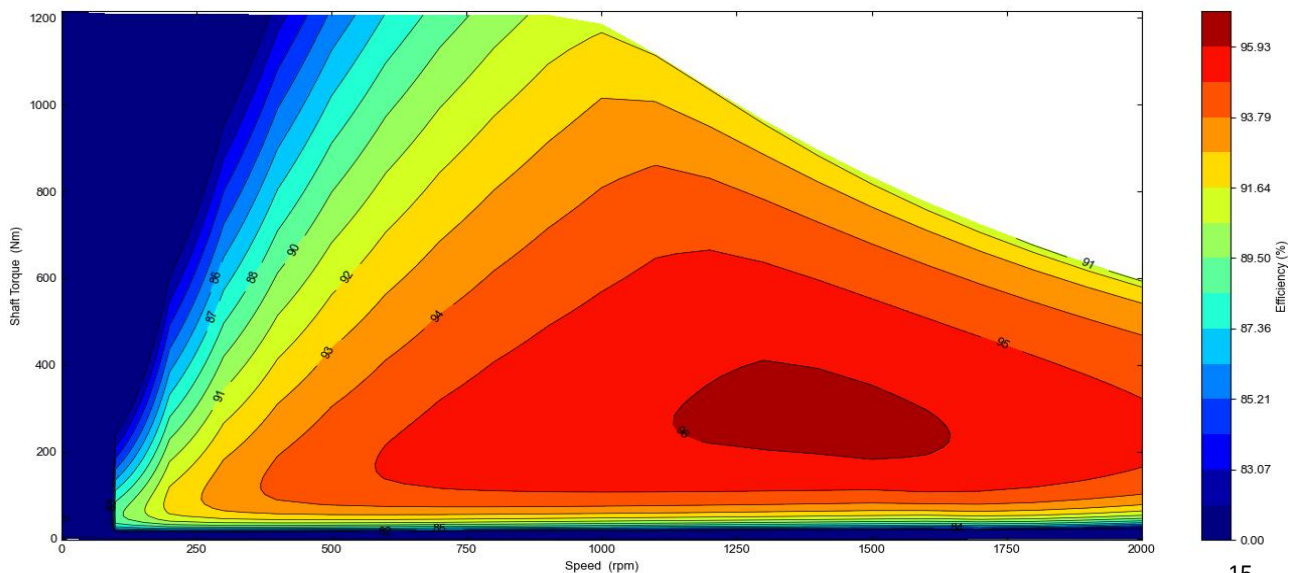
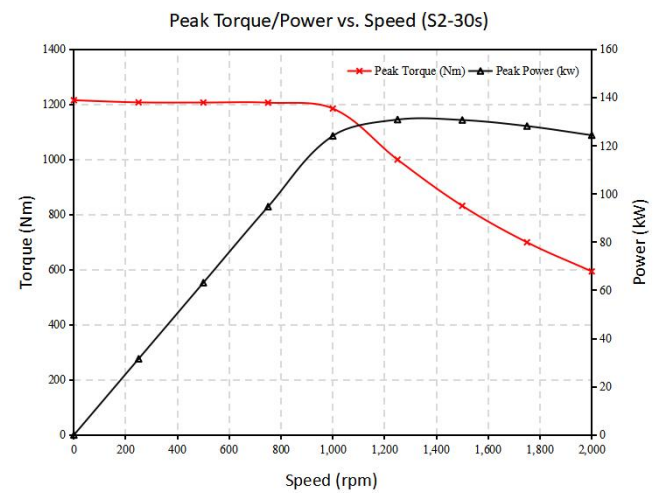


Motor Performance @ 1000rpm (290mm OD / 240mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	760.2	0.0
250	753.6	19.7
500	753.1	39.4
750	752.6	59.1
1,000	752.2	78.8
1,250	689.9	90.3
1,500	587.9	92.3
1,750	500.1	91.6
2,000	429.5	89.9

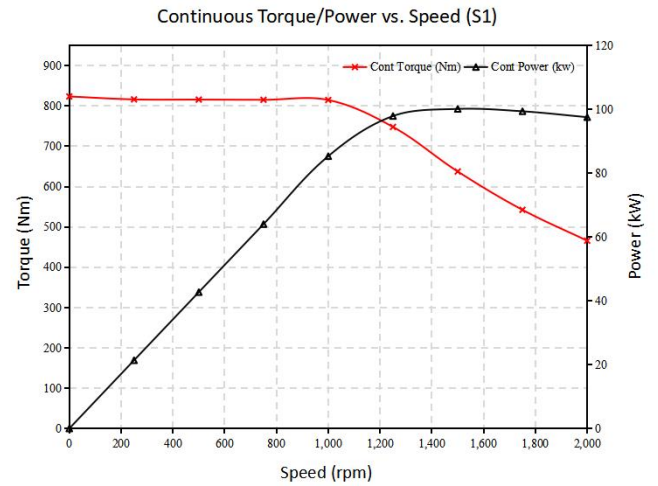


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,215.2	0.0
250	1,207.4	31.6
500	1,206.9	63.2
750	1,206.3	94.7
1,000	1,185.2	124.1
1,250	999.7	130.9
1,500	831.9	130.7
1,750	699.4	128.2
2,000	593.9	124.4

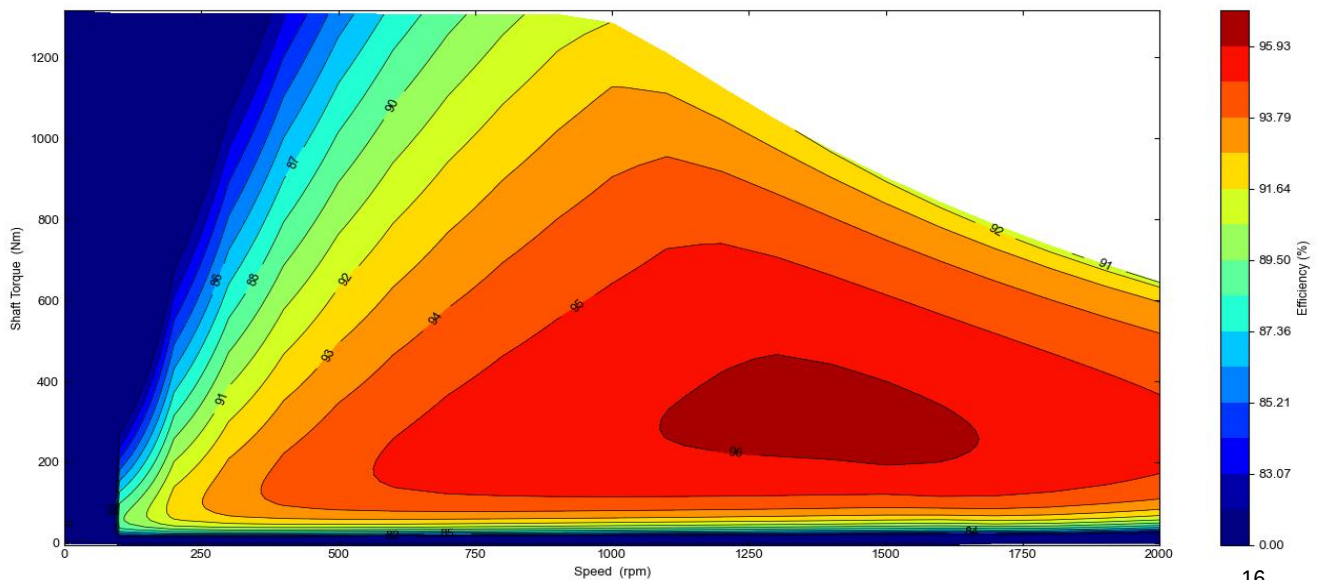
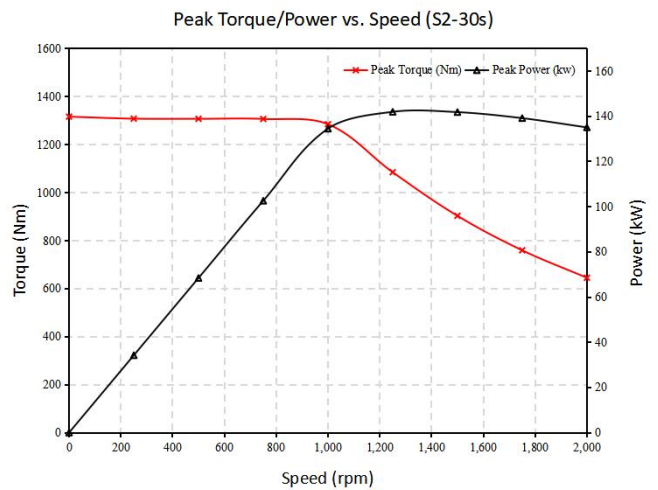


Motor Performance @ 1000rpm (290mm OD / 260mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	823.6	0.0
250	816.4	21.4
500	815.9	42.7
750	815.3	64.0
1,000	814.8	85.3
1,250	748.0	97.9
1,500	637.5	100.1
1,750	542.4	99.4
2,000	465.8	97.5

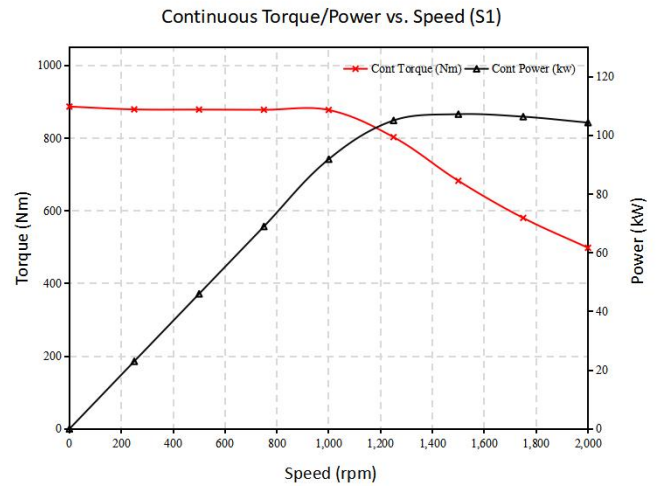


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,316.5	0.0
250	1,308.1	34.2
500	1,307.5	68.5
750	1,306.9	102.6
1,000	1,285.1	134.6
1,250	1,085.0	142.0
1,500	903.3	141.9
1,750	759.7	139.2
2,000	645.2	135.1

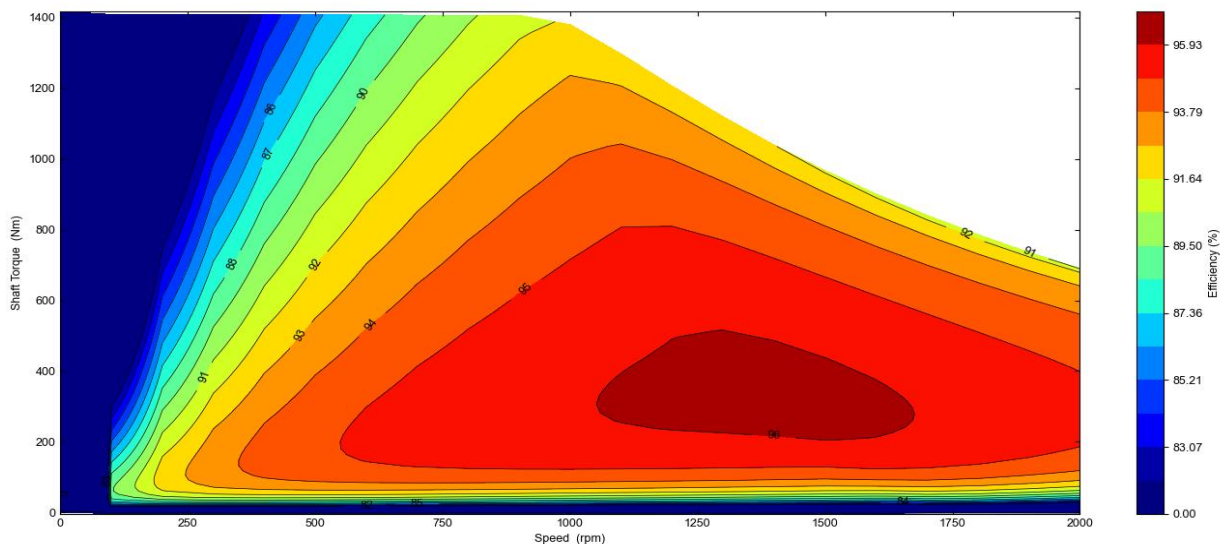
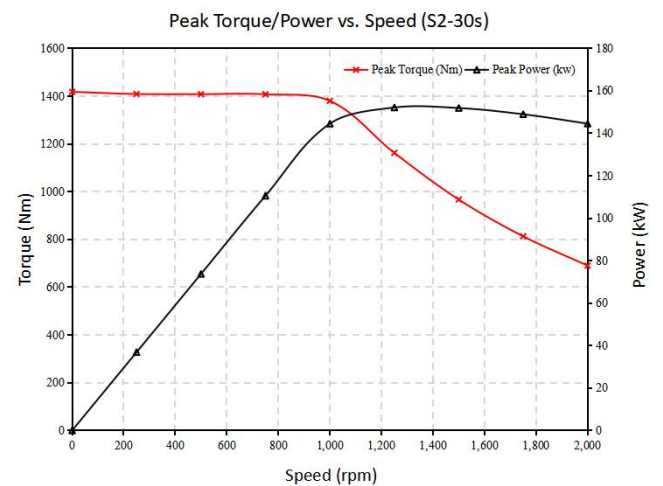


Motor Performance @ 1000rpm (290mm OD / 280mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	886.9	0.0
250	879.2	23.0
500	878.6	46.0
750	878.1	69.0
1,000	877.5	91.9
1,250	802.8	105.1
1,500	682.7	107.2
1,750	580.5	106.4
2,000	498.3	104.3

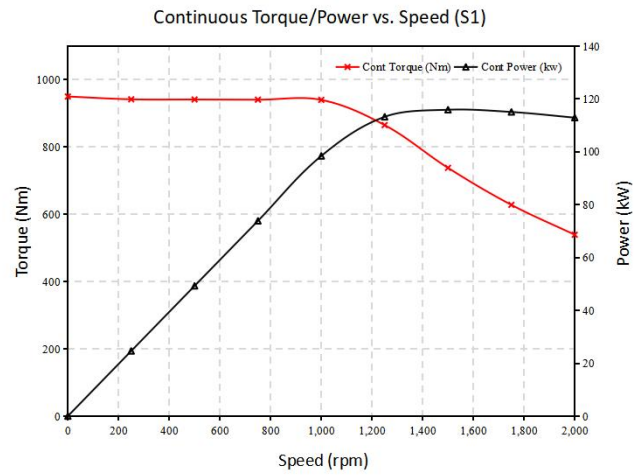


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,417.7	0.0
250	1,408.7	36.9
500	1,408.0	73.7
750	1,407.4	110.5
1,000	1,380.0	144.5
1,250	1,162.2	152.1
1,500	966.9	151.9
1,750	812.8	148.9
2,000	690.1	144.5

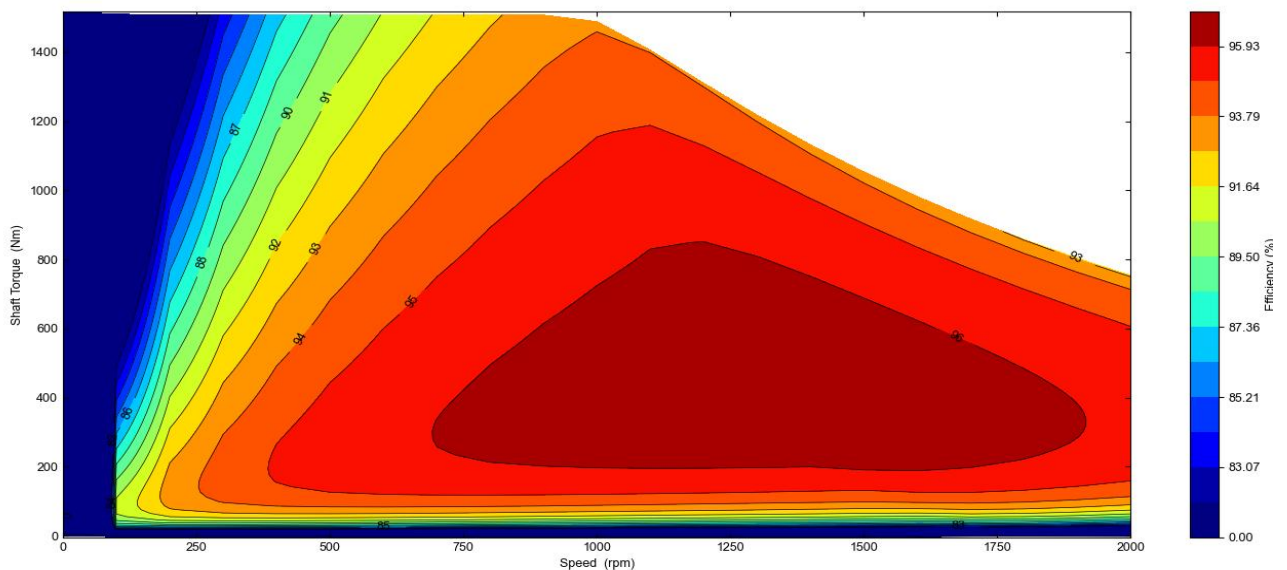
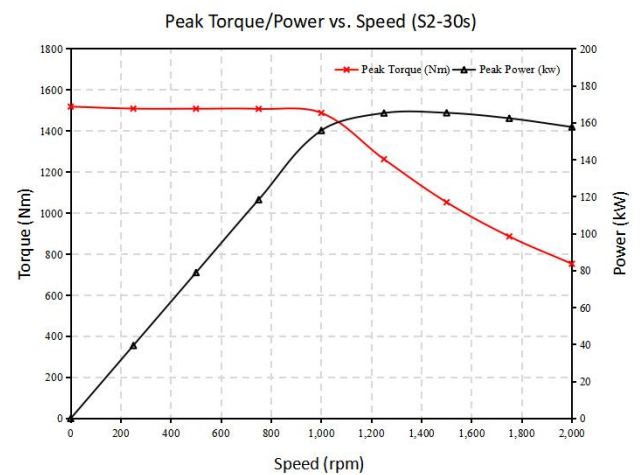


Motor Performance @ 1000rpm (290mm OD / 300mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	950.3	0.0
250	942.0	24.7
500	941.4	49.3
750	940.8	73.9
1,000	940.2	98.4
1,250	865.3	113.3
1,500	738.1	115.9
1,750	628.1	115.1
2,000	539.3	112.9

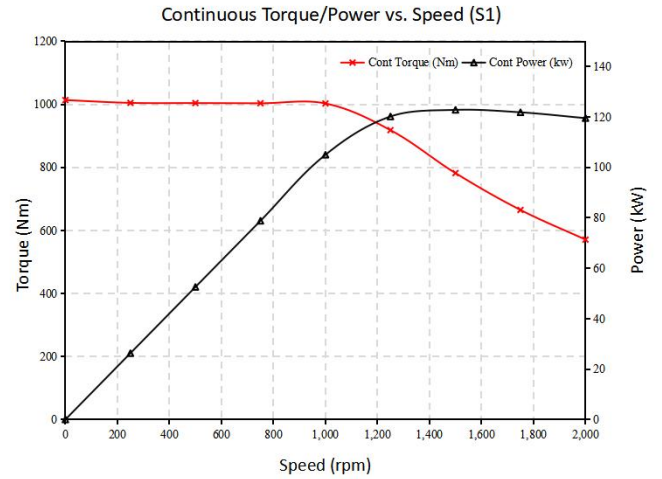


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,519.0	0.0
250	1,509.3	39.5
500	1,508.6	79.0
750	1,507.9	118.4
1,000	1,488.4	155.8
1,250	1,263.0	165.3
1,500	1,053.1	165.4
1,750	886.6	162.5
2,000	753.3	157.8

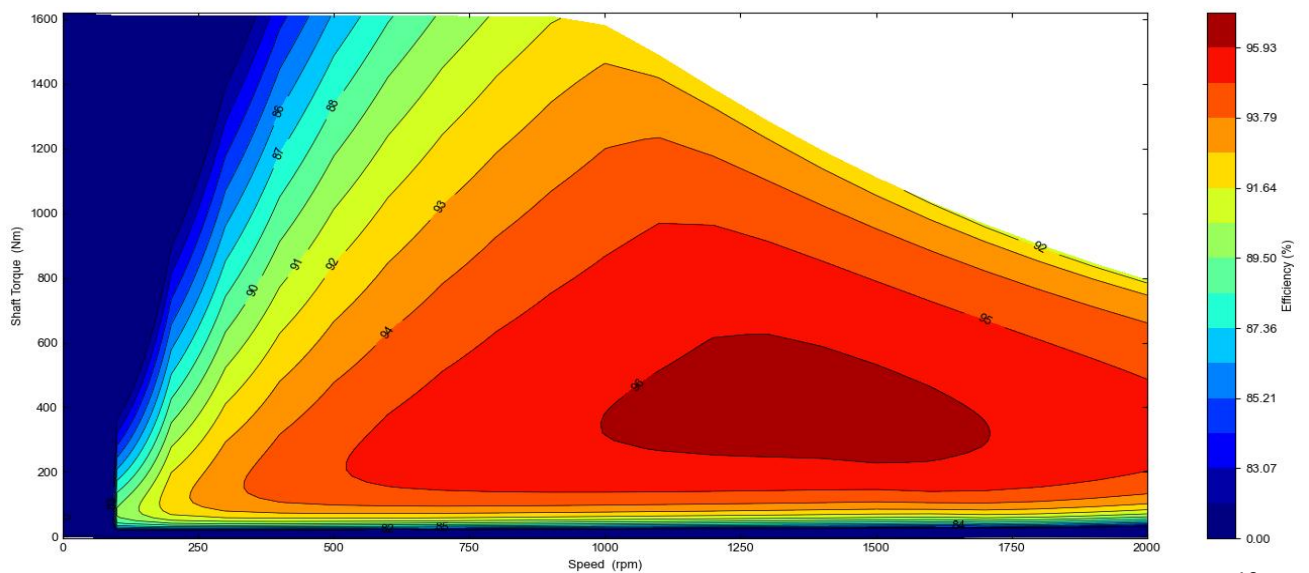
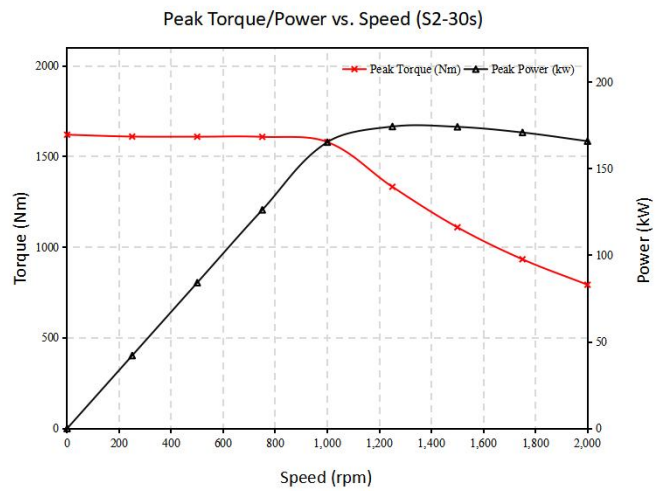


Motor Performance @ 1000rpm (290mm OD / 320mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	1,013.6	0.0
250	1,004.7	26.3
500	1,004.1	52.6
750	1,003.5	78.8
1,000	1,002.9	105.0
1,250	918.2	120.2
1,500	782.0	122.8
1,750	665.0	121.9
2,000	570.8	119.5

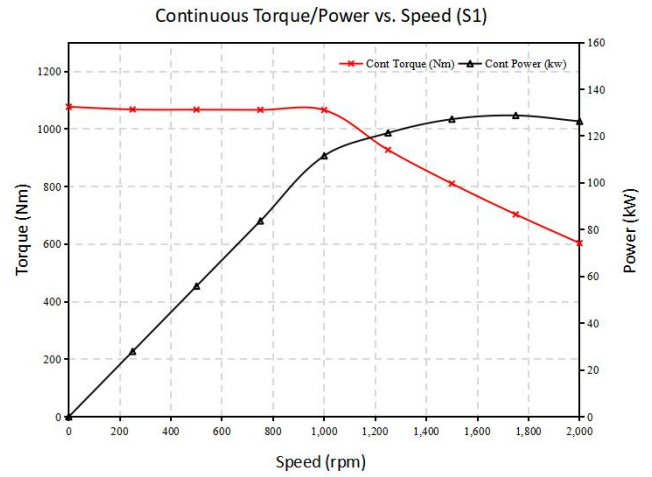


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,620.3	0.0
250	1,609.9	42.1
500	1,609.2	84.3
750	1,608.4	126.3
1,000	1,579.9	165.4
1,250	1,332.9	174.5
1,500	1,109.7	174.3
1,750	933.3	171.0
2,000	792.8	166.0

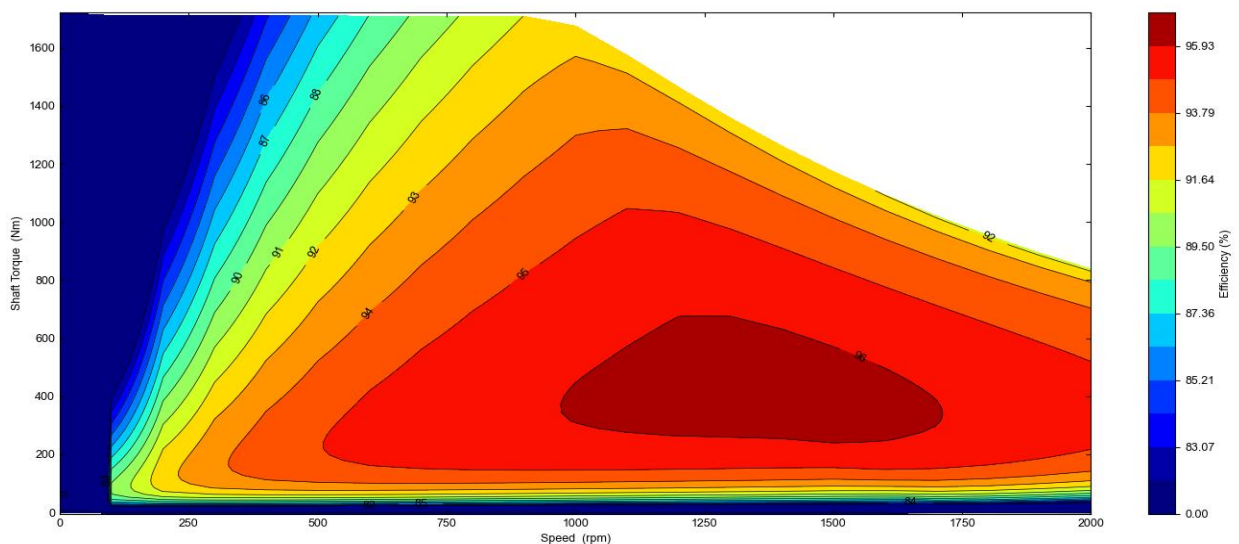
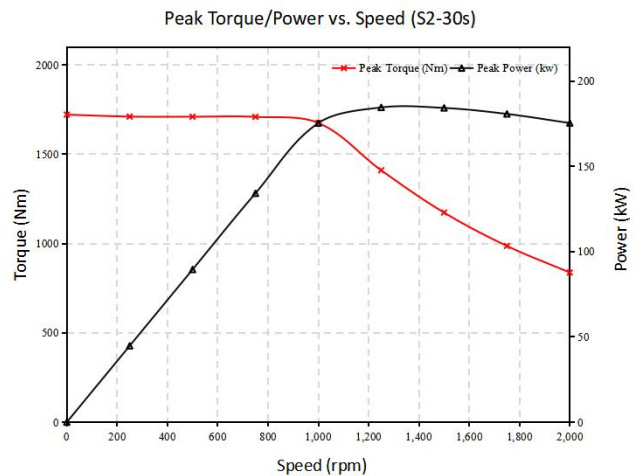


Motor Performance @ 1000rpm (290mm OD / 340mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	1,077.0	0.0
250	1,067.5	27.9
500	1,066.9	55.9
750	1,066.2	83.7
1,000	1,065.5	111.6
1,250	927.2	121.4
1,500	810.1	127.2
1,750	703.1	128.8
2,000	603.3	126.3

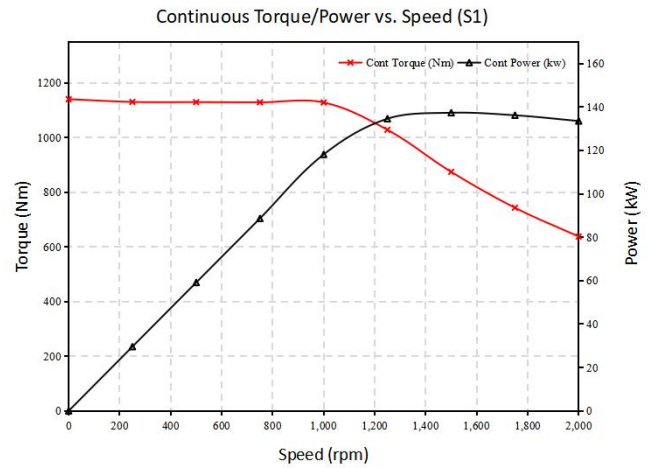


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,721.5	0.0
250	1,710.5	44.8
500	1,709.7	89.5
750	1,709.0	134.2
1,000	1,674.8	175.4
1,250	1,410.1	184.6
1,500	1,173.2	184.3
1,750	986.4	180.8
2,000	837.6	175.4

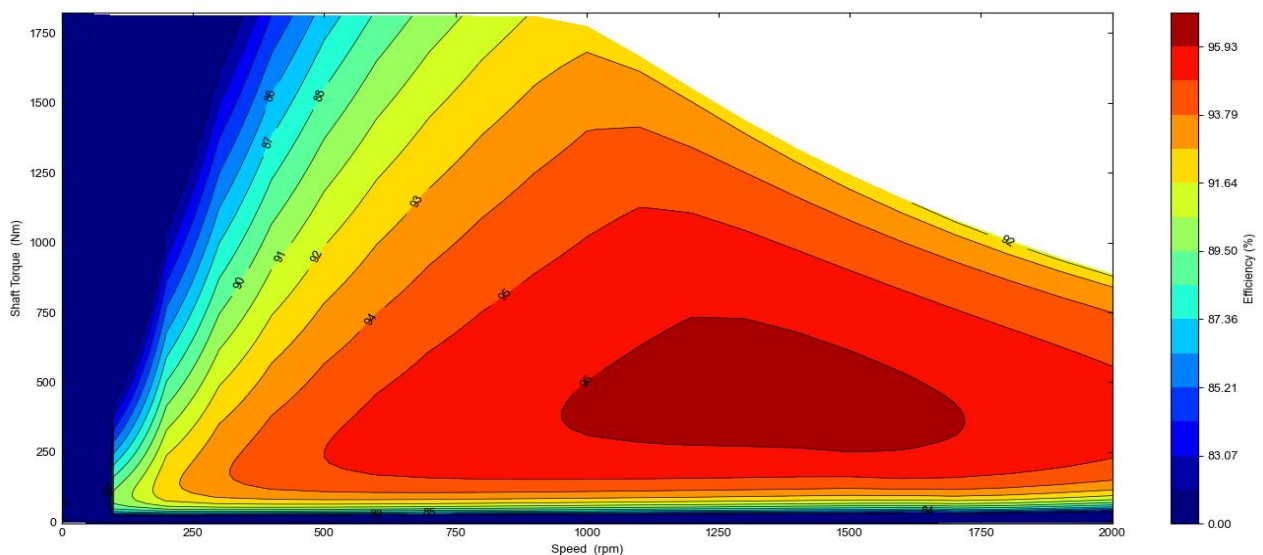
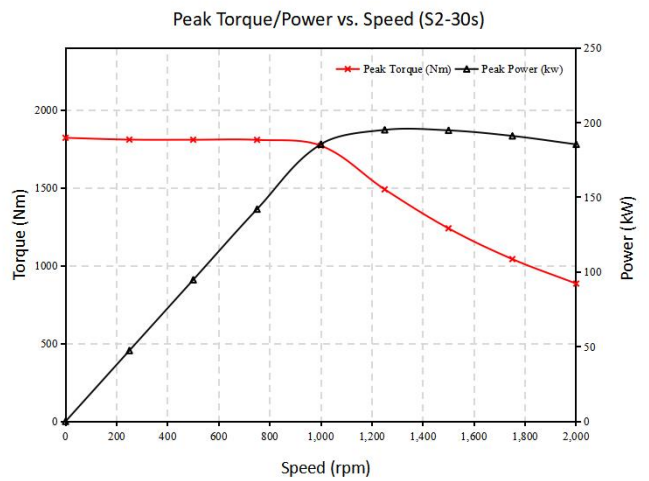


Motor Performance @ 1000rpm (290mm OD / 360mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	1,140.3	0.0
250	1,130.3	29.6
500	1,129.6	59.1
750	1,128.9	88.7
1,000	1,128.2	118.1
1,250	1,028.3	134.6
1,500	874.5	137.4
1,750	743.2	136.2
2,000	637.7	133.5

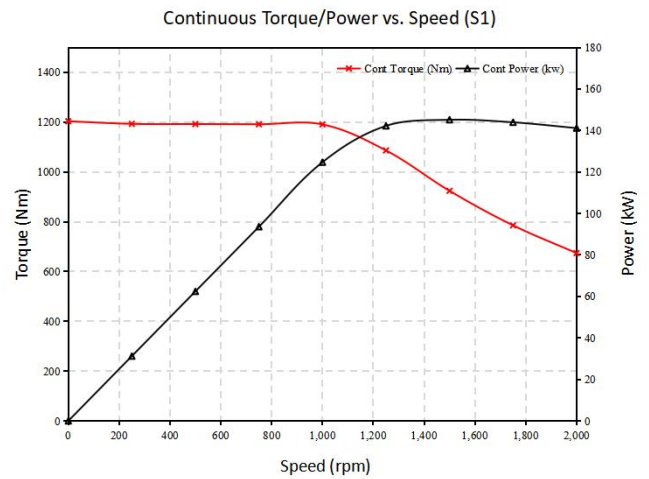


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,822.8	0.0
250	1,811.2	47.4
500	1,810.3	94.8
750	1,809.5	142.1
1,000	1,772.2	185.6
1,250	1,491.4	195.2
1,500	1,240.7	194.9
1,750	1,043.1	191.1
2,000	885.7	185.5

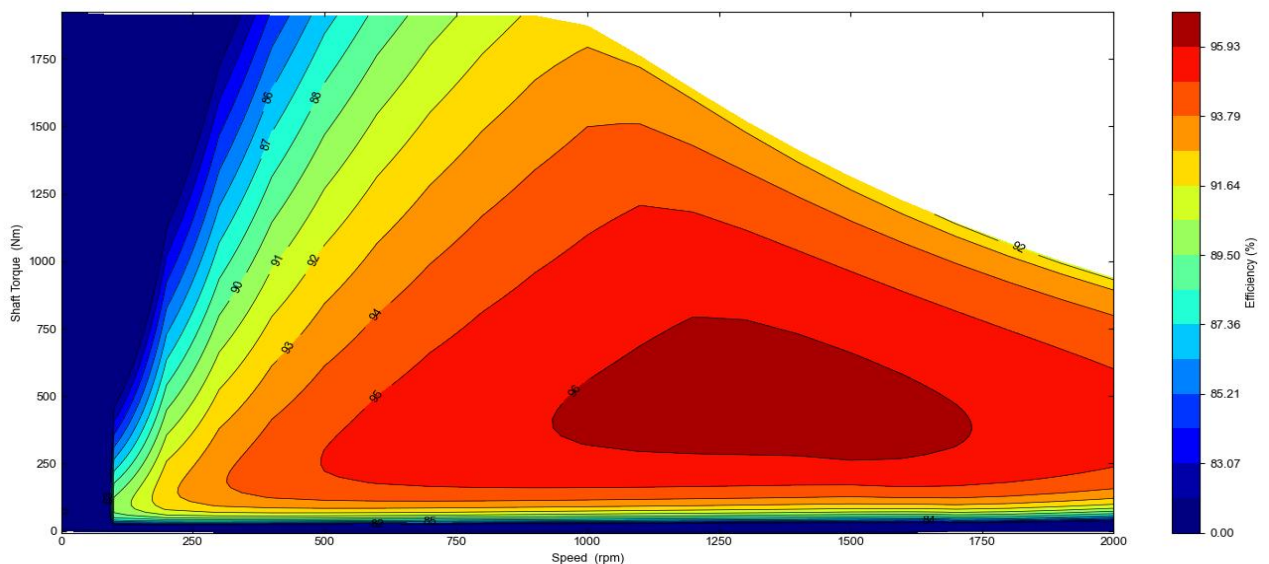
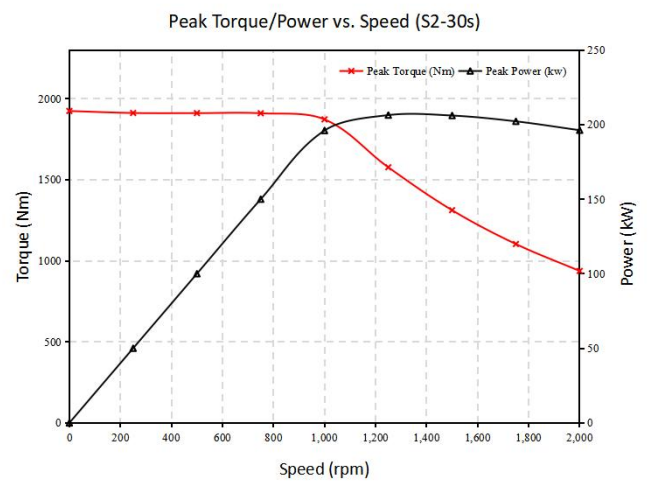


Motor Performance @ 1000rpm (290mm OD / 380mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	1,203.7	0.0
250	1,193.1	31.2
500	1,192.4	62.4
750	1,191.6	93.6
1,000	1,190.9	124.7
1,250	1,086.4	142.2
1,500	924.1	145.2
1,750	785.5	143.9
2,000	674.0	141.1

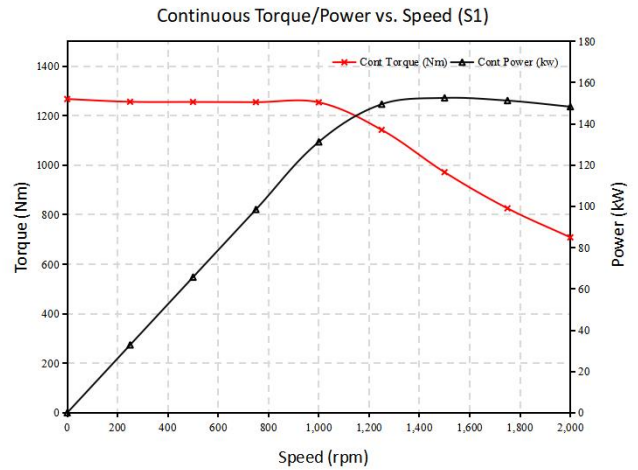


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,924.1	0.0
250	1,911.8	50.0
500	1,910.9	100.0
750	1,910.0	150.0
1,000	1,872.2	196.0
1,250	1,576.7	206.4
1,500	1,312.1	206.1
1,750	1,103.4	202.2
2,000	937.1	196.2

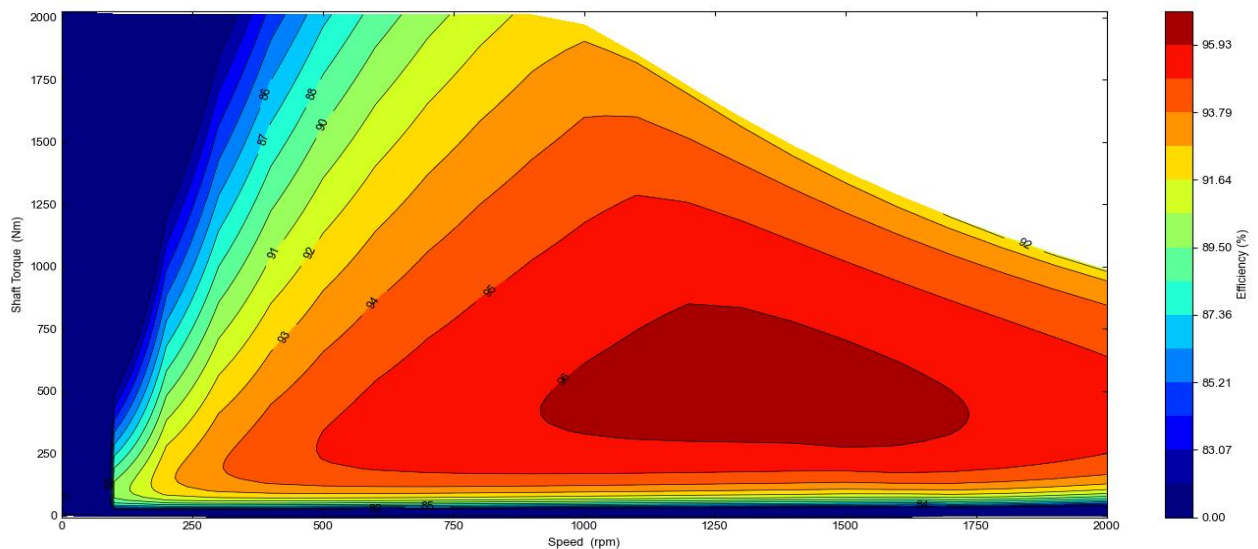
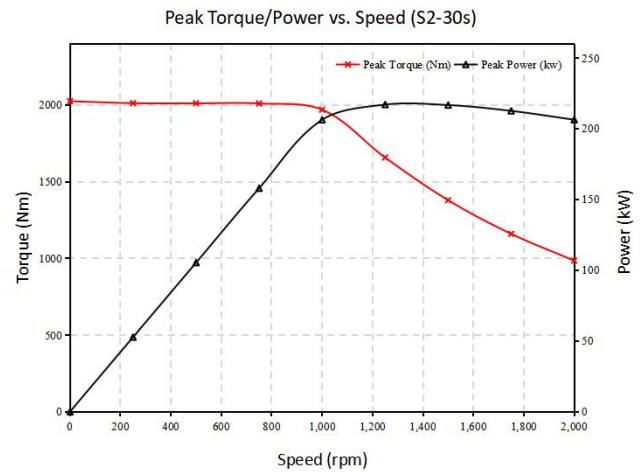


Motor Performance @ 1000rpm (290mm OD / 400mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	1,267.0	0.0
250	1,255.9	32.9
500	1,255.1	65.7
750	1,254.4	98.5
1,000	1,253.6	131.3
1,250	1,142.4	149.5
1,500	971.5	152.6
1,750	825.6	151.3
2,000	708.3	148.3



Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	2,025.3	0.0
250	2,012.4	52.7
500	2,011.5	105.3
750	2,010.5	157.9
1,000	1,969.6	206.2
1,250	1,658.0	217.0
1,500	1,379.6	216.7
1,750	1,160.1	212.6
2,000	985.2	206.3



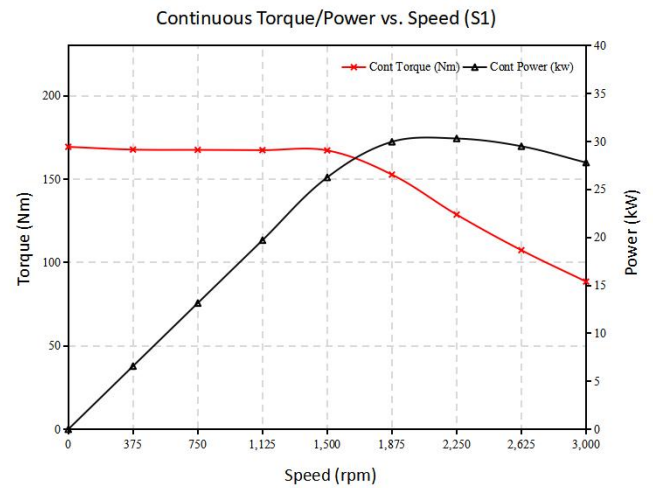
Stator OD	290						
Speed	1,500RPM						
Model No.	Rated Power (kW)	Minimum Bus Voltage (V)	Line Current RMS (A)	Frequency (Hz)	Rated Torque (N.m)	Overload Multiples	Peak Speed (RPM)
SZDS290FW1L60-26-1500	26	185	163.8	125	167.2	1.6	3,000
SZDS290FW2L60-26-1500		95	327.6				
SZDS290FW1L80-35-1500	35	244	163.8	125	222.9	1.6	3,000
SZDS290FW2L80-35-1500		124	327.6				
SZDS290FW1L100-43-1500	43	300	163.8	125	278.3	1.6	3,000
SZDS290FW2L100-43-1500		152	327.6				
SZDS290FW1L120-52-1500	52	357	163.8	125	334.0	1.6	3,000
SZDS290FW2L120-52-1500		180	327.6				
SZDS290FW1L140-61-1500	61	414	163.8	125	389.6	1.6	3,000
SZDS290FW2L140-61-1500		210	327.6				
SZDS290FW1L160-70-1500	70	472	163.8	125	445.3	1.6	3,000
SZDS290FW2L160-70-1500		240	327.6				
SZDS290FW1L180-88-1500	88	530	182.0	125	560.1	1.6	3,000
SZDS290FW2L180-88-1500		270	364.0				
SZDS290FW1L200-98-1500	98	586	182.0	125	626.0	1.6	3,000
SZDS290FW2L200-98-1500		296	364.0				
SZDS290FW1L220-108-1500	108	645	182.0	125	688.6	1.6	3,000
SZDS290FW2L220-108-1500		324	364.0				
SZDS290FW1L240-118-1500	118	700	182.0	125	751.2	1.6	3,000
SZDS290FW2L240-118-1500		353	364.0				
SZDS290FW1L260-127-1500	127	760	182.0	125	813.8	1.6	3,000
SZDS290FW2L260-127-1500		380	364.0				
SZDS290FW2L280-137-1500	137	410	364.0	125	876.4	1.6	3,000
SZDS290FW2L300-147-1500	147	440	364.0	125	939.0	1.6	3,000
SZDS290FW2L320-157-1500	157	468	364.0	125	1,001.6	1.6	3,000
SZDS290FW2L340-167-1500	167	495	364.0	125	1,064.2	1.6	3,000
SZDS290FW2L360-177-1500	177	525	364.0	125	1,126.8	1.6	3,000
SZDS290FW2L380-186-1500	186	552	364.0	125	1,189.4	1.6	3,000
SZDS290FW2L400-196-1500	196	580	364.0	125	1,252.0	1.6	3,000

1. The actual overload capacity of the motor depends on the user's use time.

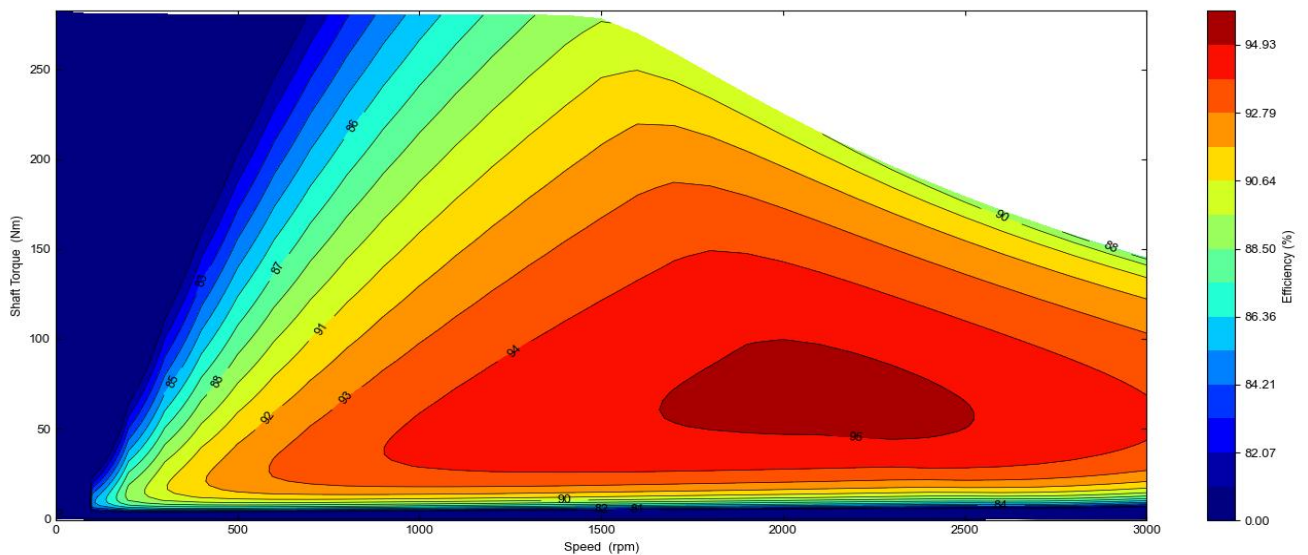
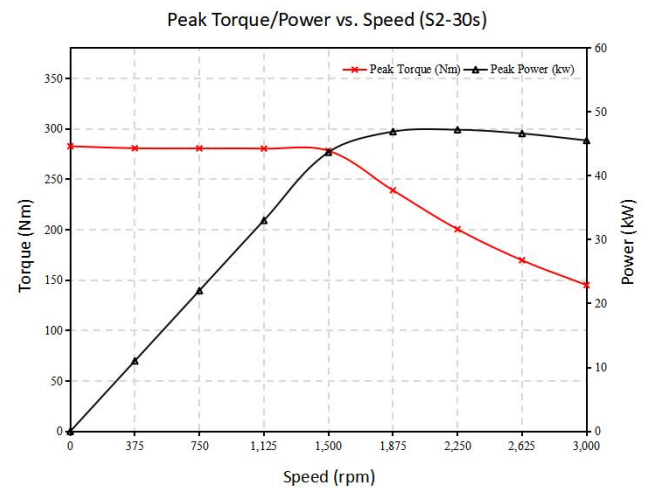
2. The actual peak speed depends on the user's actual voltage platform.

Motor Performance @ 1500rpm (290mm OD / 60mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	169.3	0.0
375	167.7	6.6
750	167.5	13.2
1,125	167.3	19.7
1,500	167.2	26.3
1,875	152.7	30.0
2,250	128.7	30.3
2,625	107.4	29.5
3,000	88.5	27.8

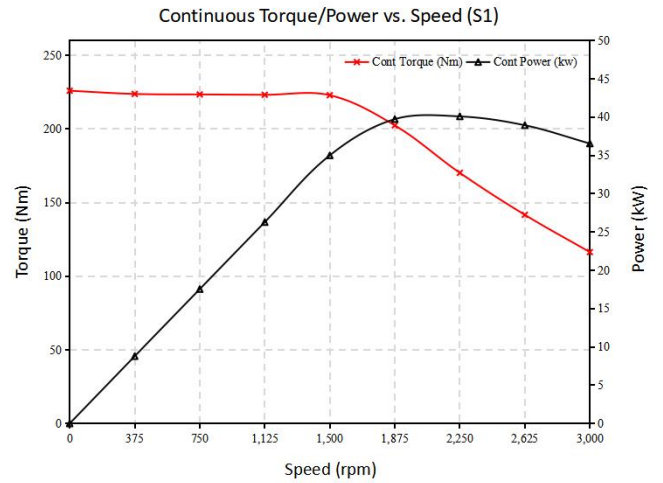


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	282.7	0.0
375	280.7	11.0
750	280.5	22.0
1,125	280.3	33.0
1,500	278.2	43.7
1,875	239.0	46.9
2,250	200.4	47.2
2,625	169.6	46.6
3,000	145.0	45.5

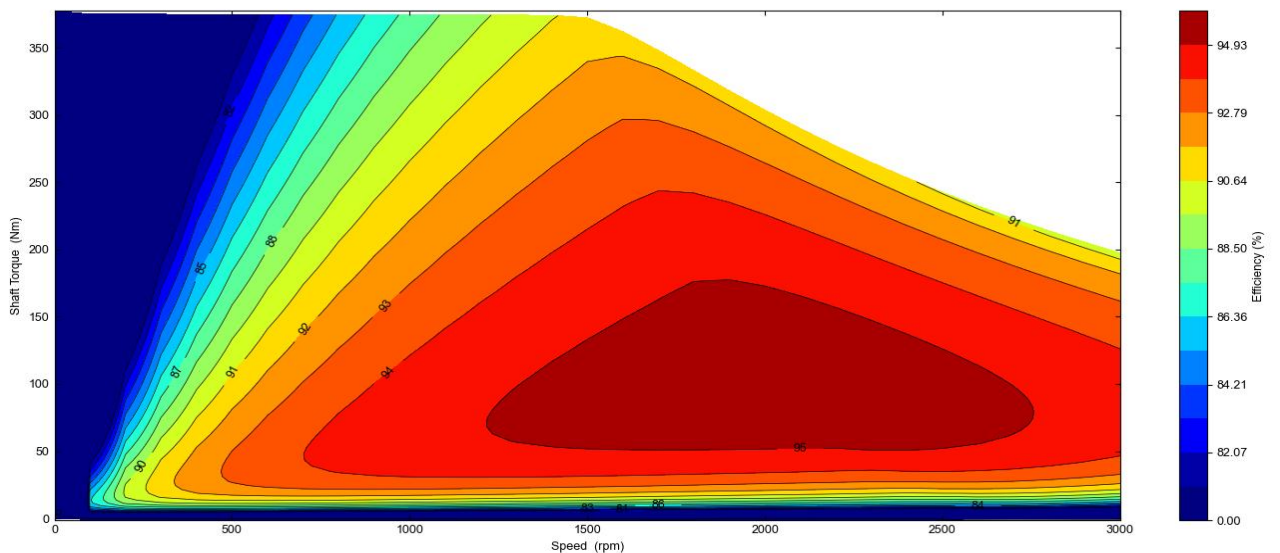
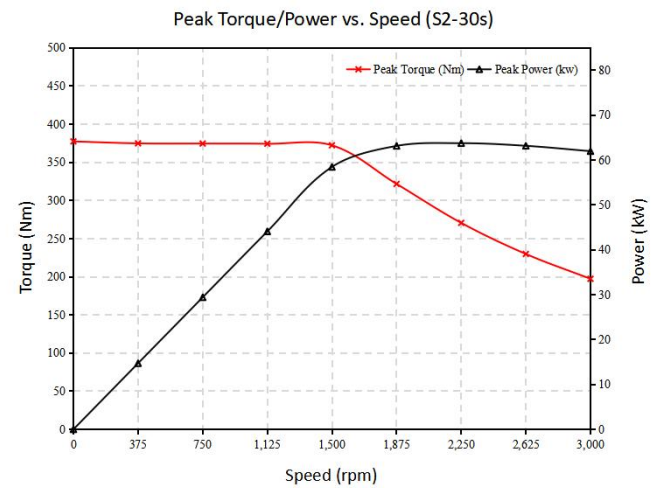


Motor Performance @ 1500rpm (290mm OD / 80mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	225.9	0.0
375	223.7	8.8
750	223.4	17.5
1,125	223.2	26.3
1,500	222.9	35.0
1,875	202.4	39.7
2,250	170.2	40.1
2,625	141.7	38.9
3,000	116.4	36.5

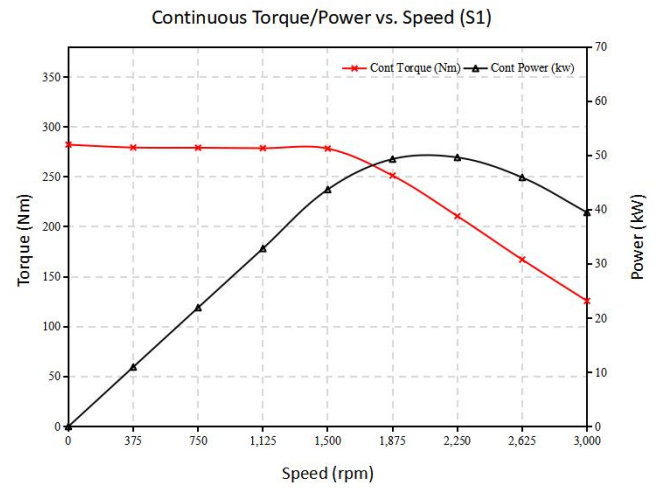


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	377.4	0.0
375	374.8	14.7
750	374.6	29.4
1,125	374.3	44.1
1,500	372.3	58.5
1,875	321.7	63.2
2,250	270.6	63.8
2,625	229.9	63.2
3,000	197.3	62.0

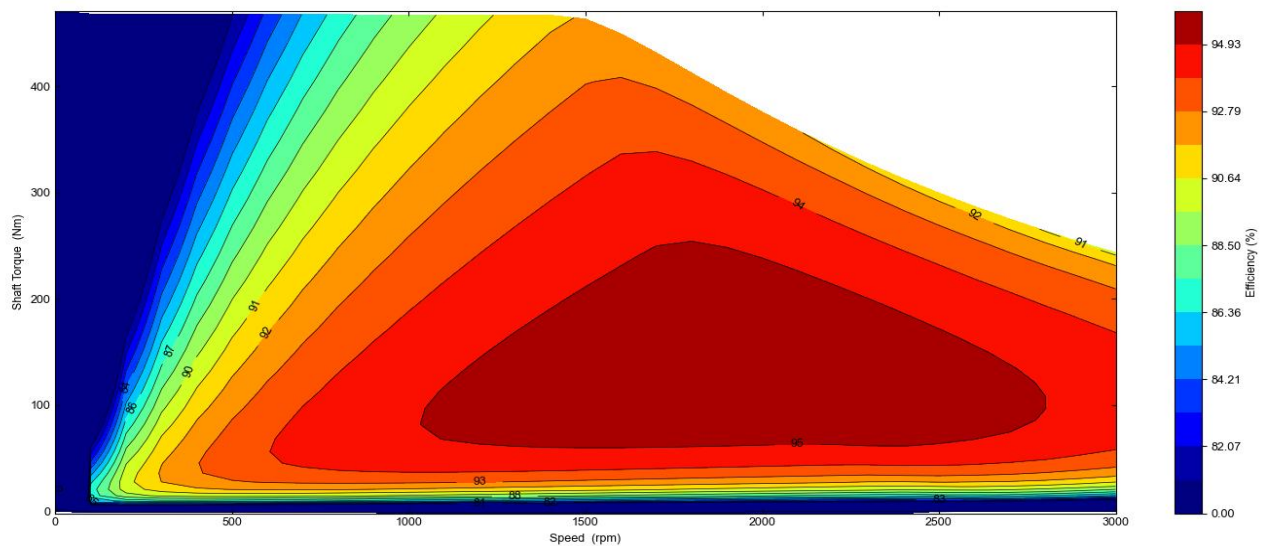
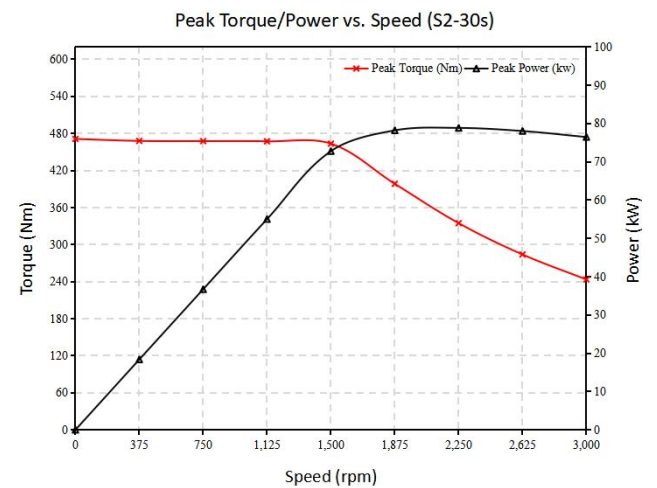


Motor Performance @ 1500rpm (290mm OD / 100mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	282.2	0.0
375	279.4	11.0
750	279.1	21.9
1,125	278.7	32.8
1,500	278.3	43.7
1,875	251.3	49.3
2,250	210.7	49.6
2,625	167.1	45.9
3,000	125.7	39.5

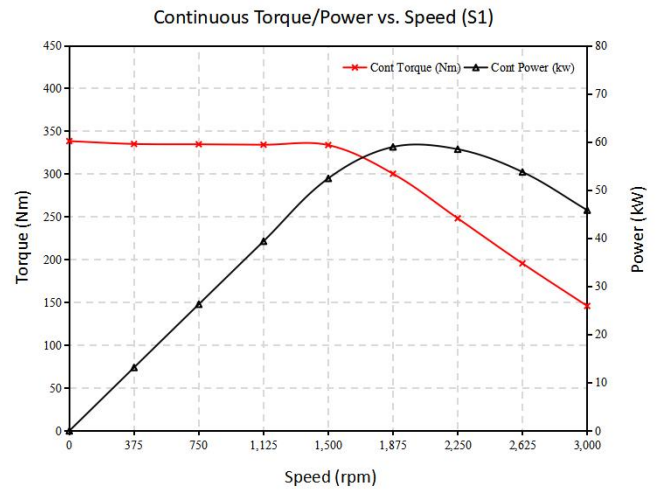


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	471.1	0.0
375	467.9	18.4
750	467.6	36.7
1,125	467.2	55.0
1,500	463.4	72.8
1,875	398.4	78.2
2,250	334.7	78.9
2,625	284.0	78.1
3,000	243.5	76.5

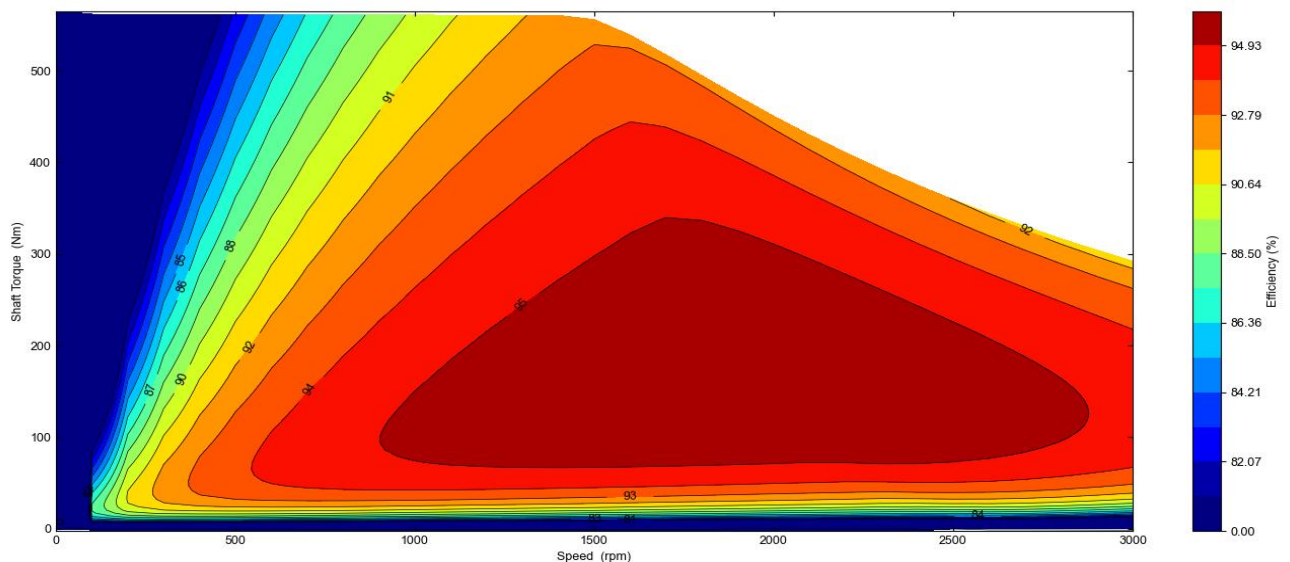
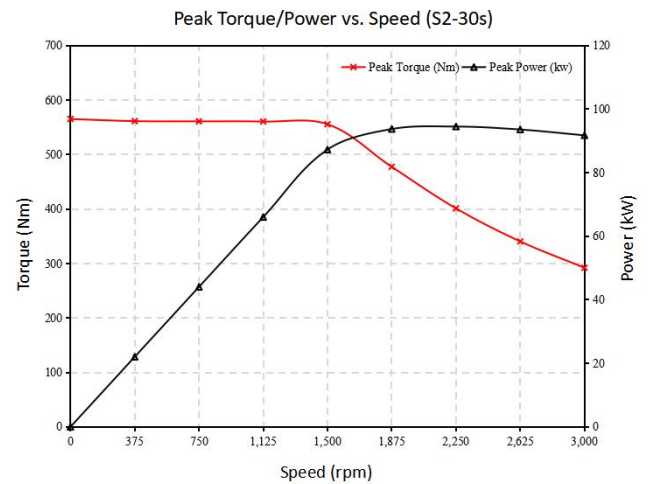


Motor Performance @ 1500rpm (290mm OD / 120mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	338.6	0.0
375	335.3	13.2
750	334.9	26.3
1,125	334.4	39.4
1,500	334.0	52.5
1,875	300.5	59.0
2,250	248.4	58.5
2,625	195.7	53.8
3,000	146.0	45.9

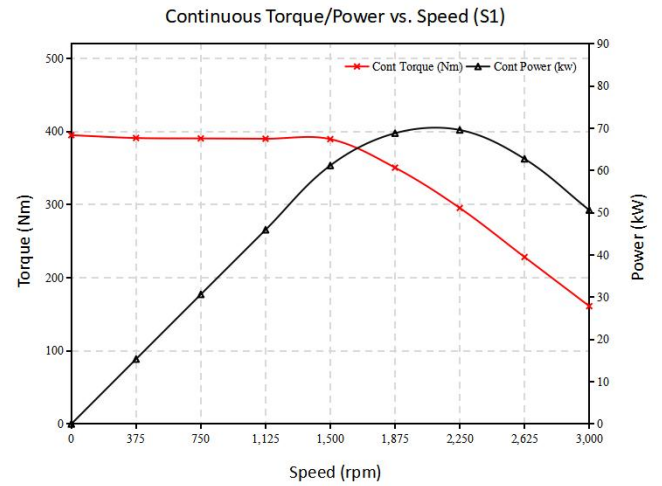


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	565.4	0.0
375	561.4	22.0
750	561.1	44.1
1,125	560.7	66.0
1,500	555.8	87.3
1,875	477.5	93.8
2,250	401.3	94.5
2,625	340.6	93.6
3,000	292.2	91.8

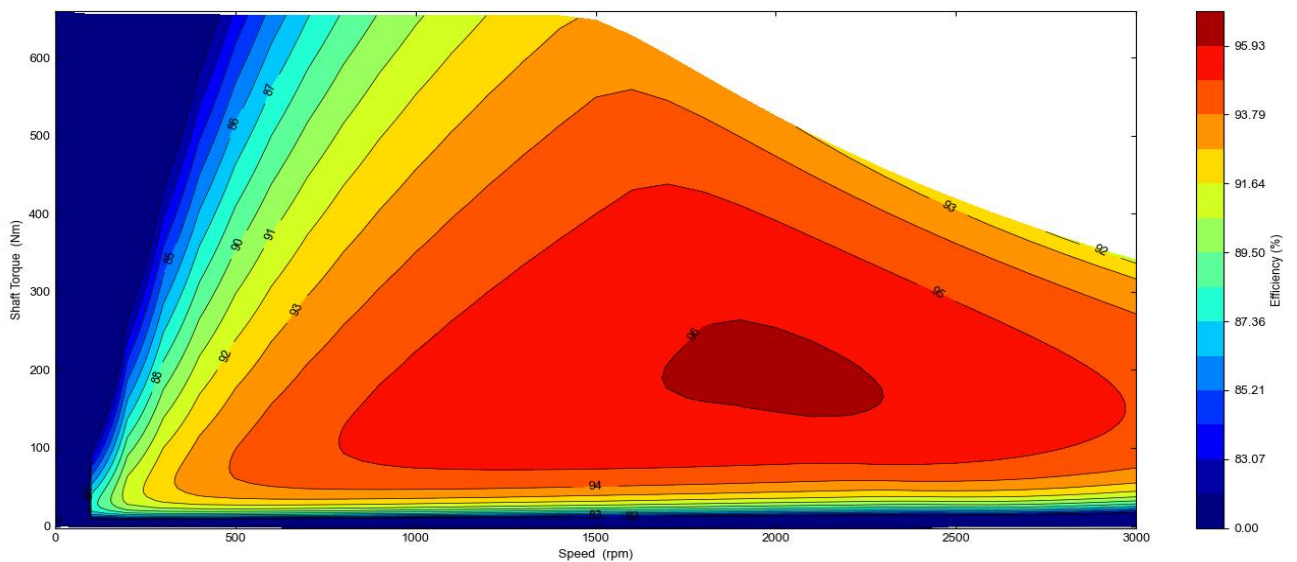
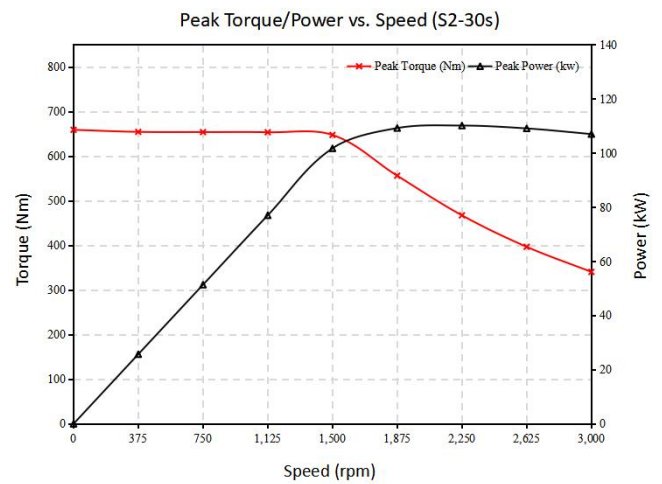


Motor Performance @ 1500rpm (290mm OD / 140mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	395.1	0.0
375	391.2	15.4
750	390.6	30.7
1,125	390.2	46.0
1,500	389.6	61.2
1,875	350.6	68.8
2,250	295.5	69.6
2,625	228.4	62.8
3,000	161.2	50.6

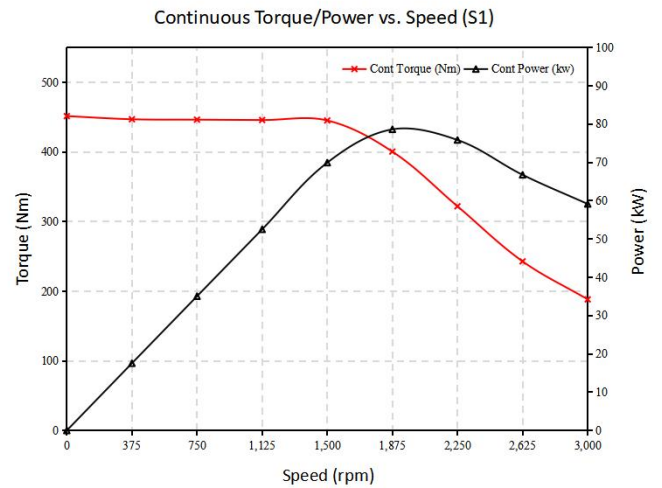


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	659.6	0.0
375	655.0	25.7
750	654.6	51.4
1,125	654.1	77.1
1,500	648.1	101.8
1,875	556.6	109.3
2,250	467.8	110.2
2,625	397.1	109.2
3,000	340.9	107.1

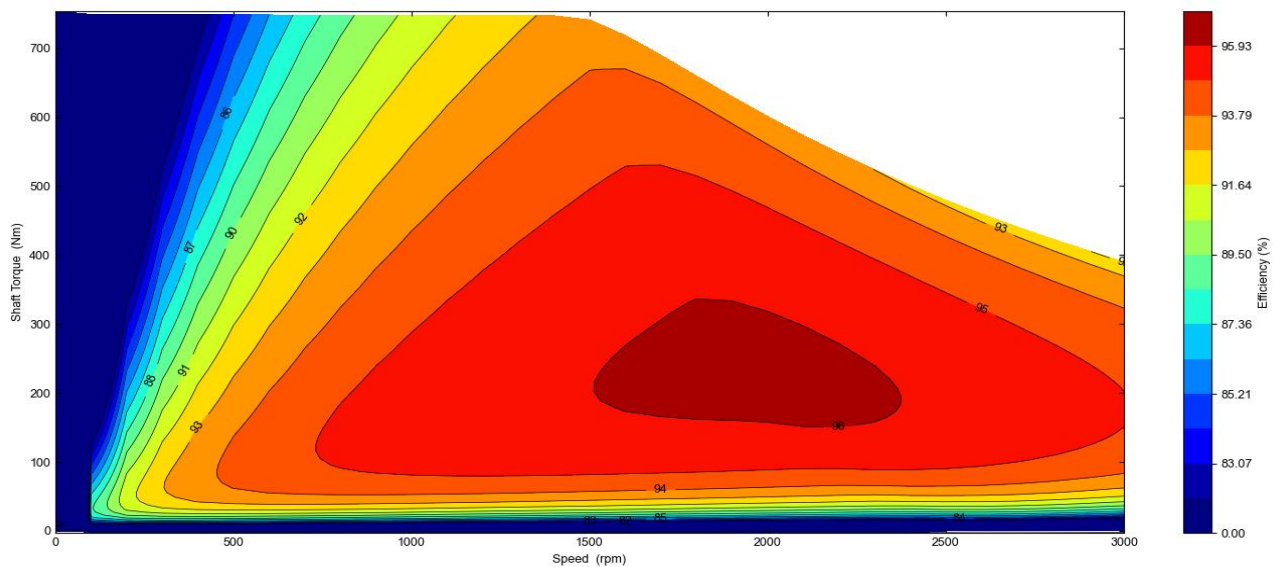
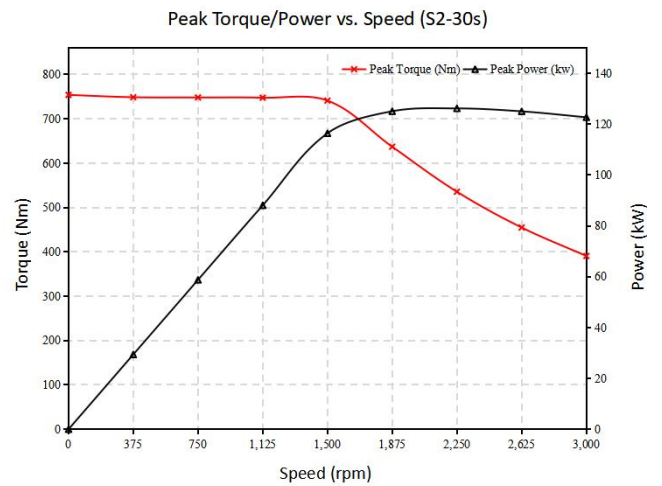


Motor Performance @ 1500rpm (290mm OD / 160mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	451.5	0.0
375	447.0	17.6
750	446.4	35.1
1,125	445.9	52.5
1,500	445.3	69.9
1,875	400.5	78.6
2,250	322.0	75.9
2,625	242.9	66.8
3,000	188.3	59.1

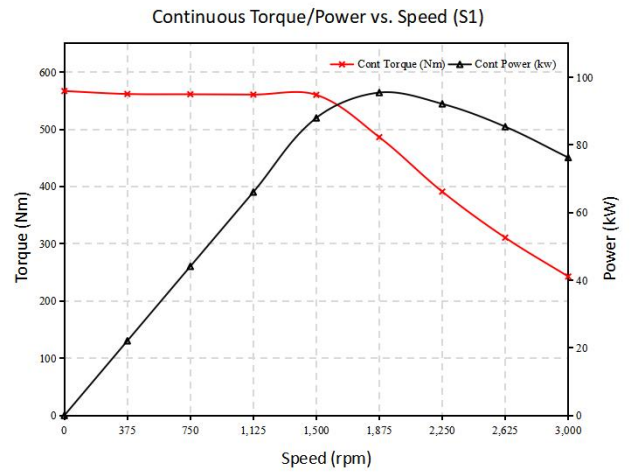


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	753.8	0.0
375	748.6	29.4
750	748.1	58.7
1,125	747.5	88.1
1,500	741.0	116.4
1,875	637.0	125.1
2,250	535.5	126.2
2,625	454.8	125.0
3,000	390.5	122.7

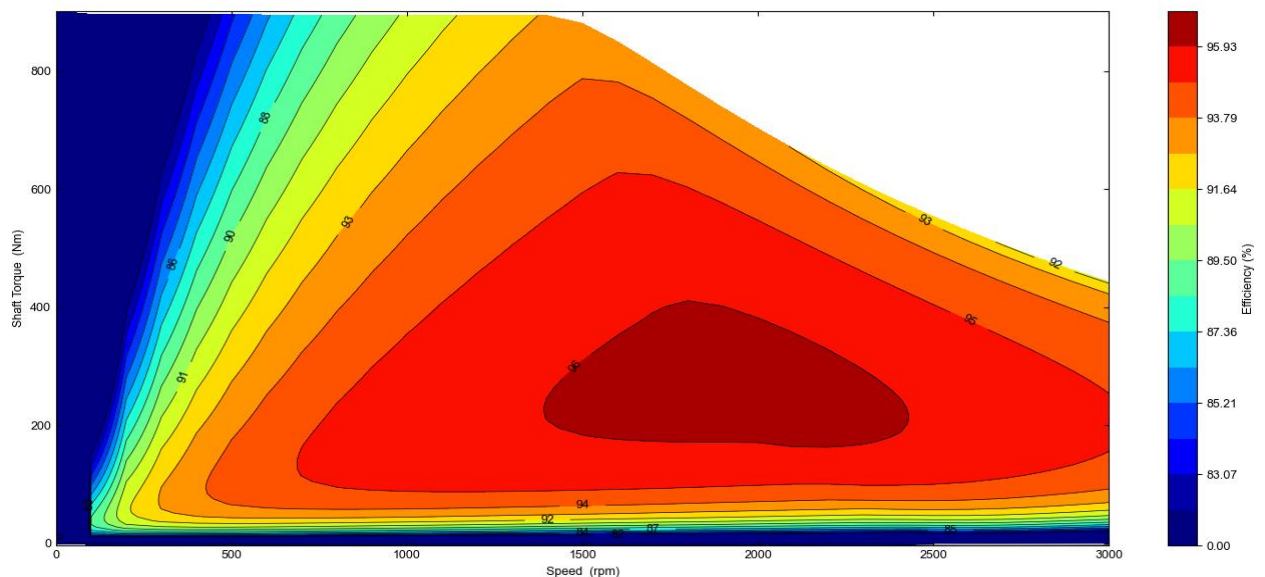
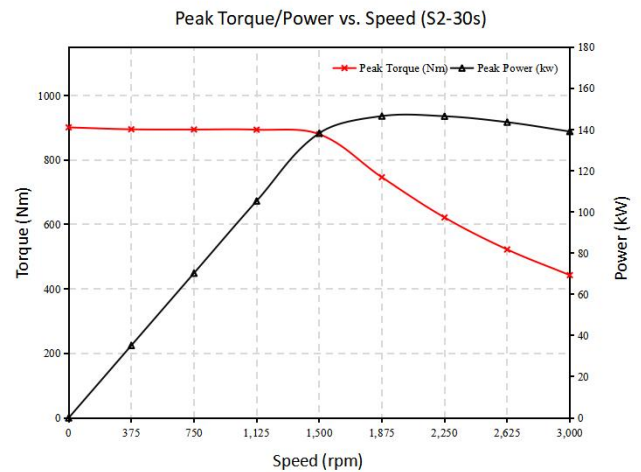


Motor Performance @ 1500rpm (290mm OD / 180mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	566.8	0.0
375	561.7	22.1
750	561.2	44.1
1,125	560.6	66.0
1,500	560.1	88.0
1,875	486.3	95.5
2,250	391.0	92.1
2,625	310.6	85.4
3,000	242.8	76.3

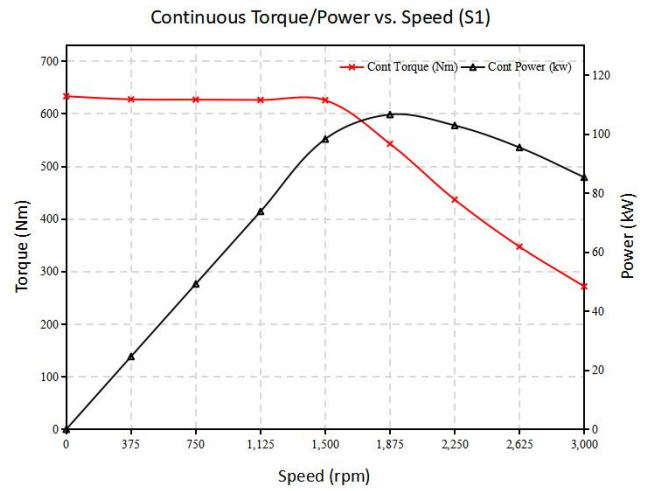


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	901.4	0.0
375	895.4	35.2
750	894.8	70.3
1,125	894.1	105.3
1,500	880.2	138.2
1,875	746.6	146.6
2,250	621.8	146.5
2,625	522.5	143.6
3,000	442.7	139.1

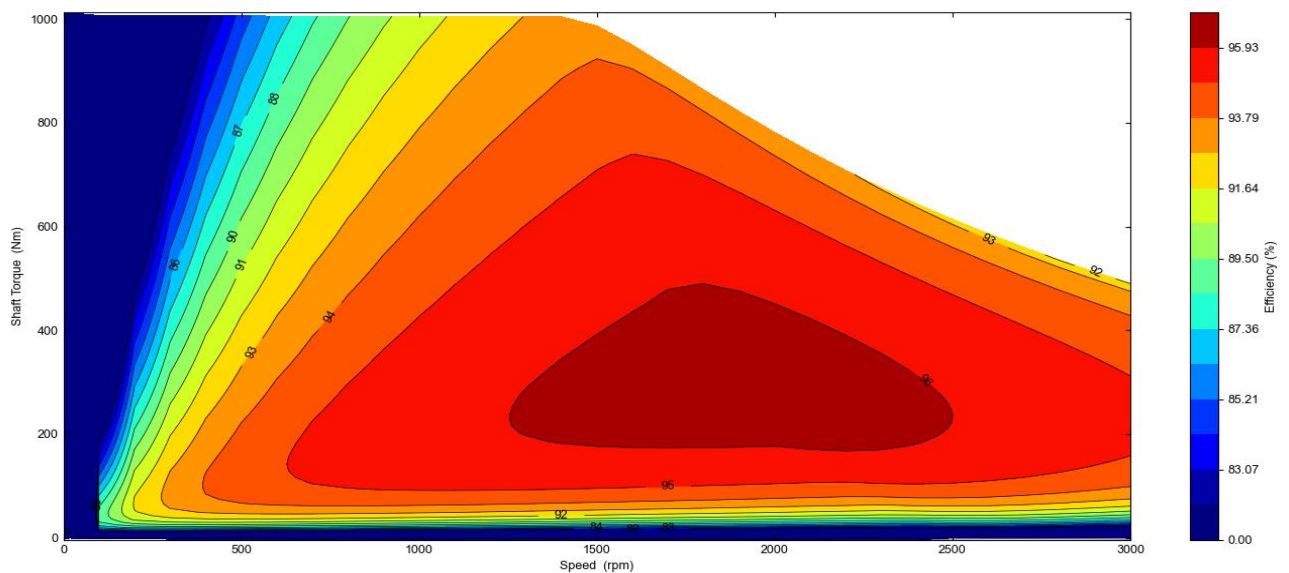
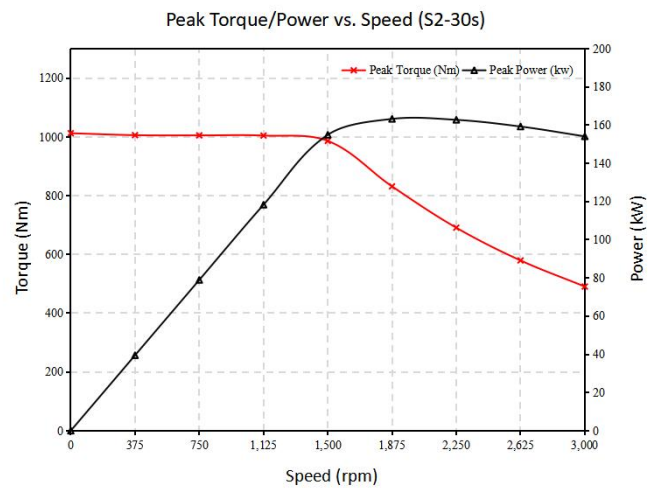


Motor Performance @ 1500rpm (290mm OD / 200mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	633.5	0.0
375	627.8	24.7
750	627.2	49.3
1,125	626.6	73.8
1,500	626.0	98.3
1,875	543.2	106.6
2,250	437.0	103.0
2,625	347.4	95.5
3,000	271.8	85.4

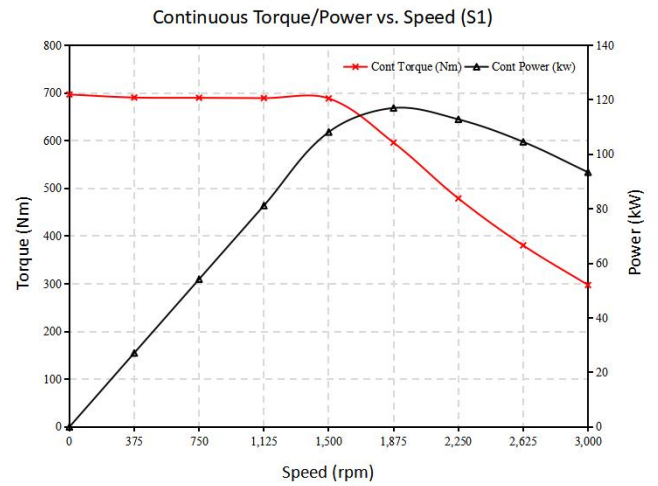


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,012.7	0.0
375	1,006.0	39.5
750	1,005.3	78.9
1,125	1,004.6	118.3
1,500	986.5	154.9
1,875	831.7	163.3
2,250	691.0	162.8
2,625	579.5	159.3
3,000	490.7	154.1

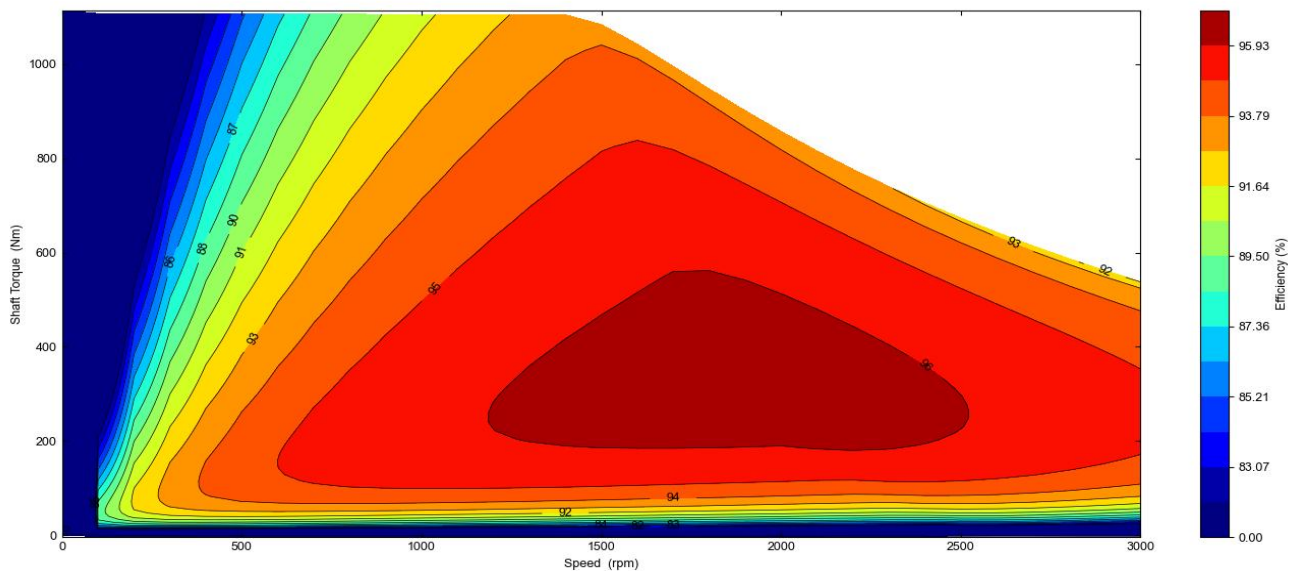
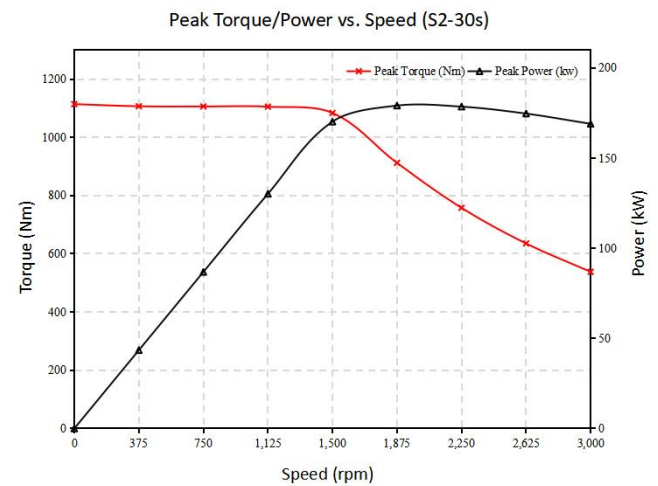


Motor Performance @ 1500rpm (290mm OD / 220mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	696.9	0.0
375	690.6	27.1
750	689.9	54.2
1,125	689.3	81.2
1,500	688.6	108.2
1,875	595.9	117.0
2,250	479.0	112.8
2,625	380.5	104.6
3,000	297.4	93.4

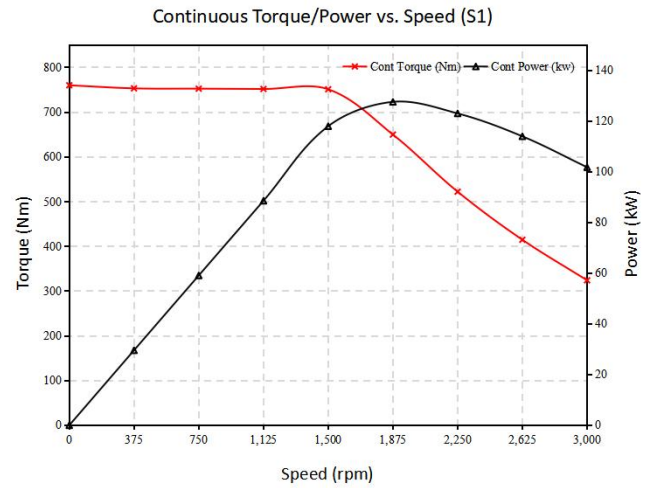


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,113.9	0.0
375	1,106.6	43.5
750	1,105.8	86.8
1,125	1,105.1	130.2
1,500	1,083.6	170.2
1,875	912.3	179.1
2,250	757.8	178.5
2,625	635.5	174.7
3,000	538.1	169.0

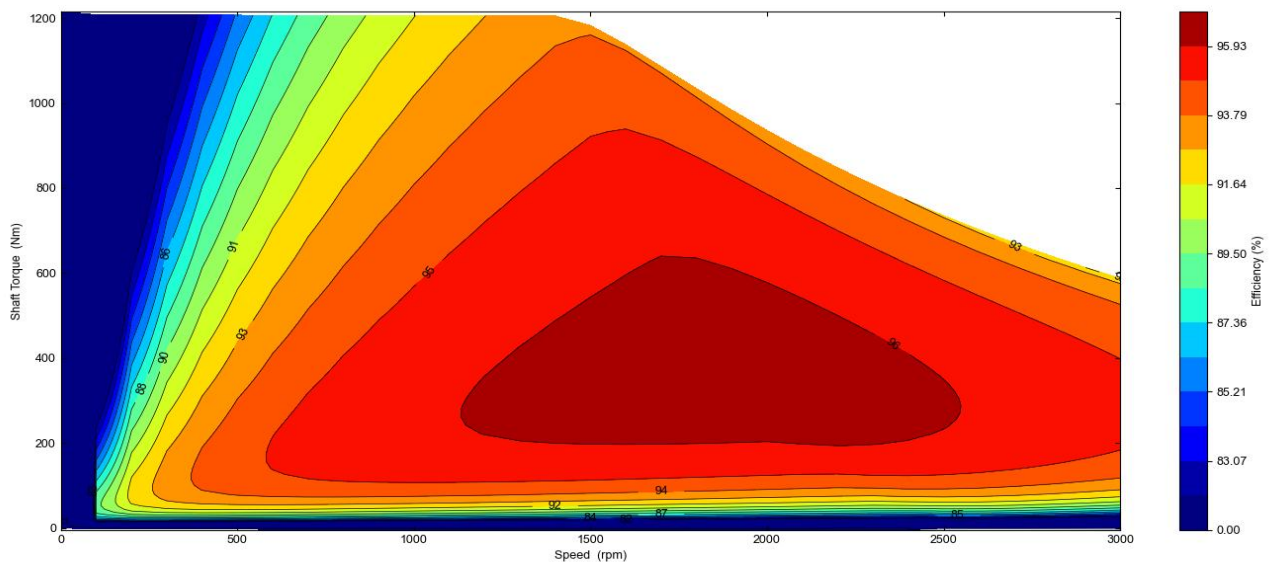
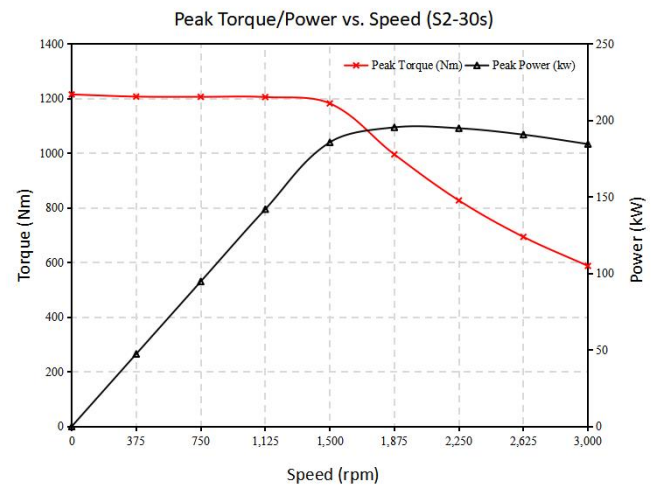


Motor Performance @ 1500rpm (290mm OD / 240mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	760.2	0.0
375	753.3	29.6
750	752.6	59.1
1,125	751.9	88.6
1,500	751.2	118.0
1,875	650.0	127.6
2,250	522.3	123.0
2,625	414.8	114.0
3,000	324.1	101.8

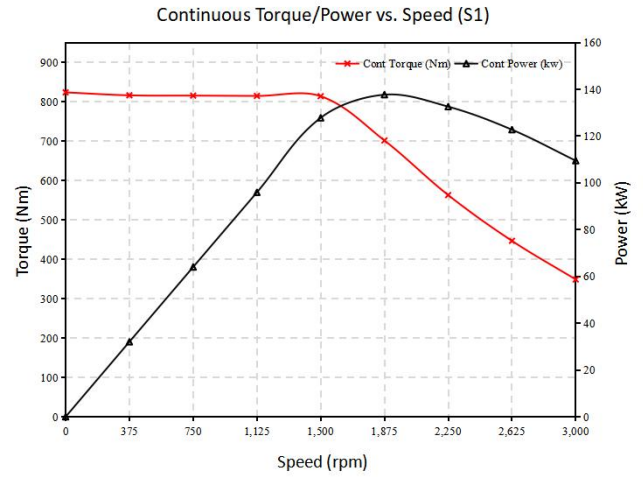


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,215.2	0.0
375	1,207.2	47.4
750	1,206.3	94.7
1,125	1,205.5	142.0
1,500	1,182.3	185.7
1,875	995.7	195.5
2,250	827.2	194.9
2,625	693.9	190.7
3,000	587.6	184.6

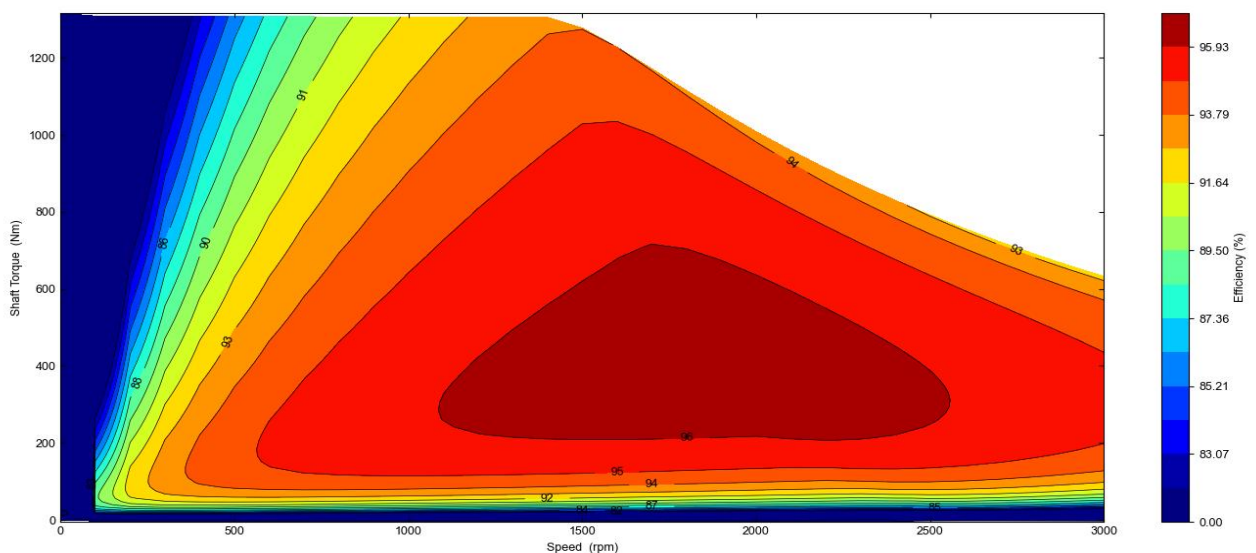
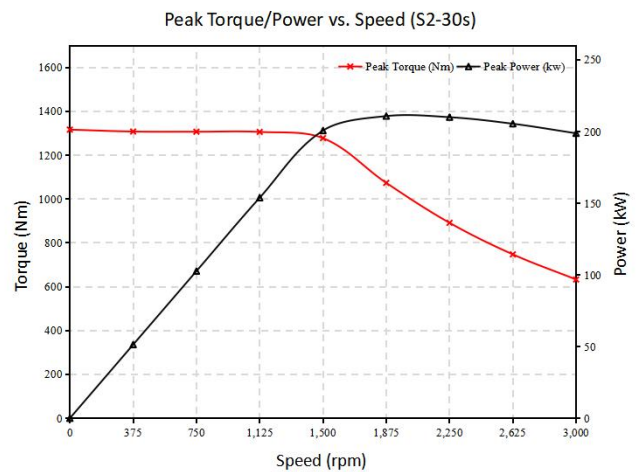


Motor Performance @ 1500rpm (290mm OD / 260mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	823.6	0.0
375	816.1	32.0
750	815.3	64.0
1,125	814.6	96.0
1,500	813.8	127.8
1,875	701.4	137.7
2,250	562.9	132.6
2,625	446.6	122.8
3,000	348.6	109.5

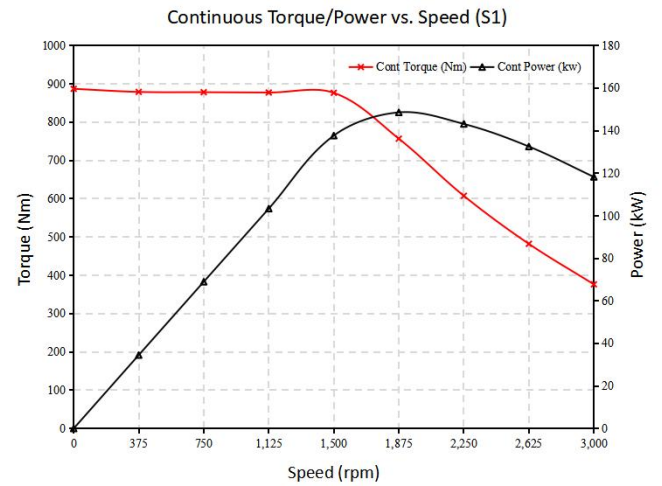


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,316.5	0.0
375	1,307.8	51.4
750	1,306.9	102.6
1,125	1,306.0	153.8
1,500	1,277.5	200.7
1,875	1,073.6	210.8
2,250	891.4	210.0
2,625	747.4	205.5
3,000	632.8	198.8

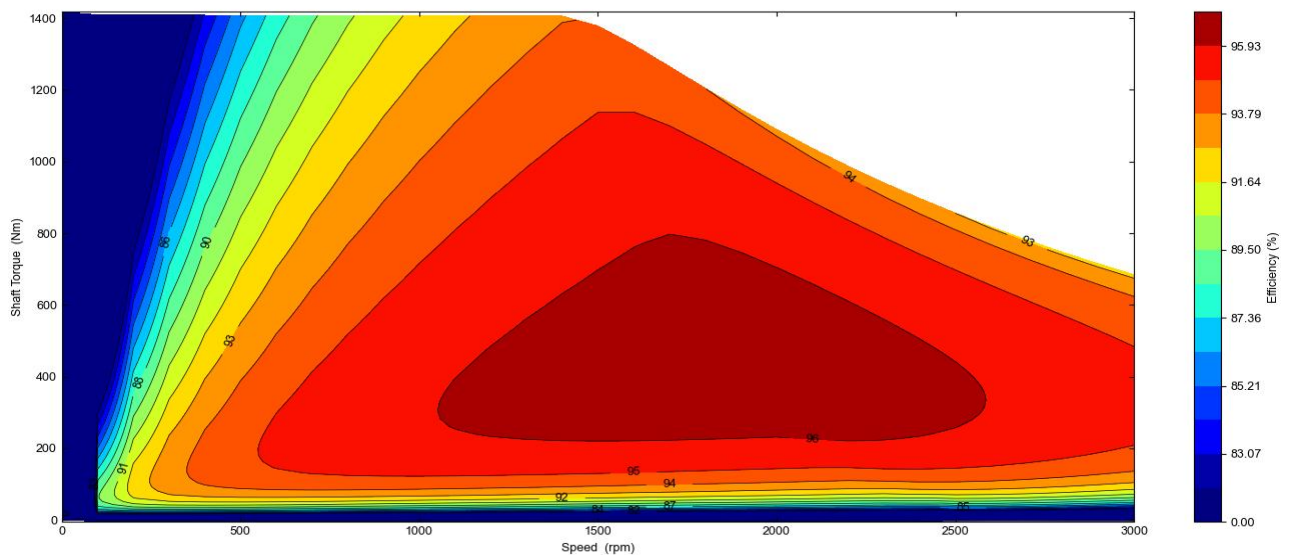
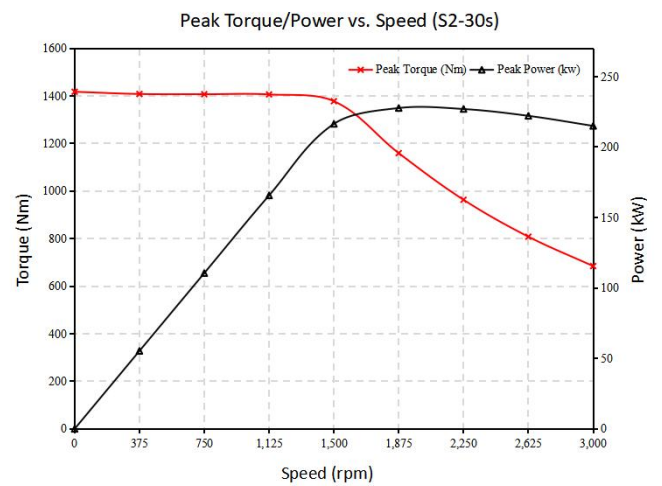


Motor Performance @ 1500rpm (290mm OD / 280mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	886.9	0.0
375	878.9	34.5
750	878.1	69.0
1,125	877.2	103.3
1,500	876.4	137.7
1,875	756.7	148.6
2,250	607.5	143.1
2,625	482.2	132.5
3,000	376.4	118.2

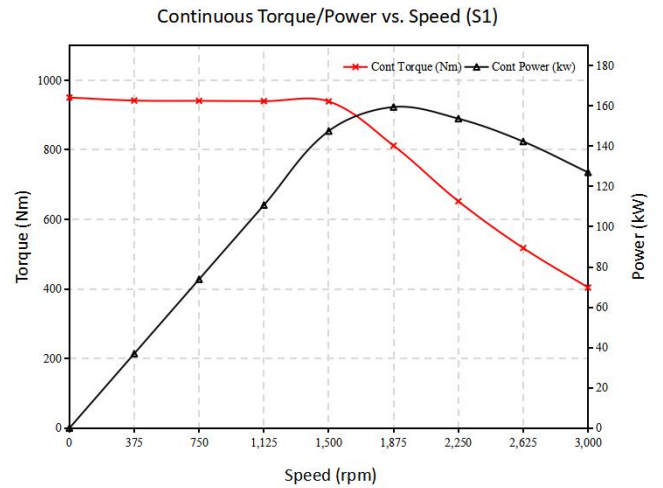


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,417.7	0.0
375	1,408.4	55.3
750	1,407.4	110.5
1,125	1,406.4	165.7
1,500	1,378.0	216.4
1,875	1,159.7	227.7
2,250	963.5	227.0
2,625	808.2	222.2
3,000	684.5	215.0

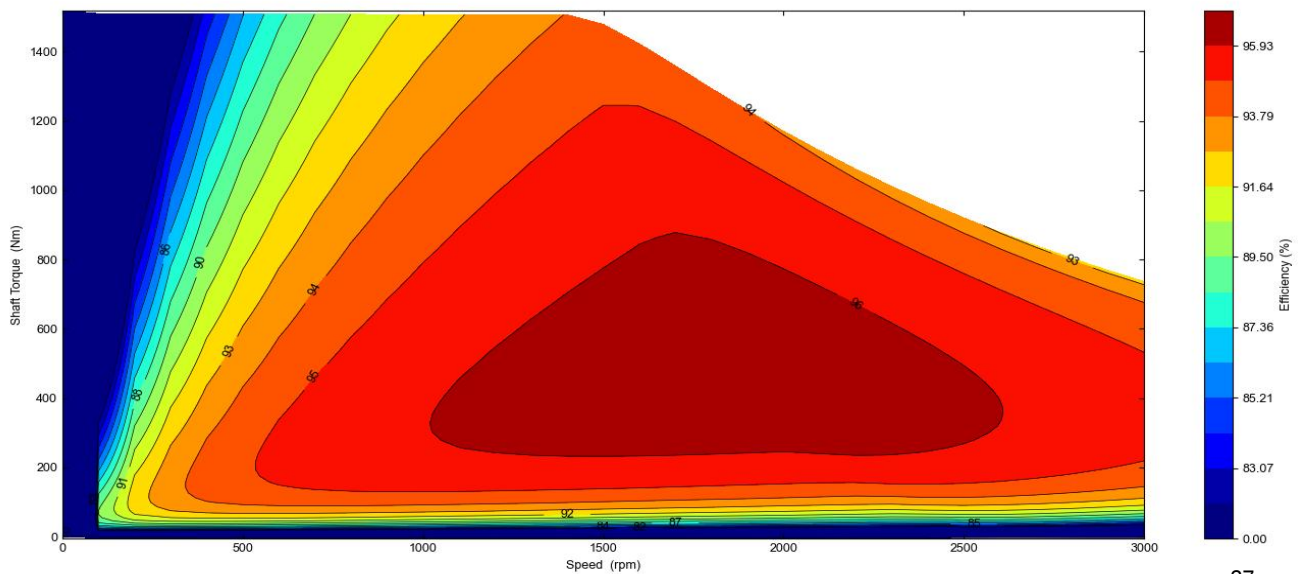
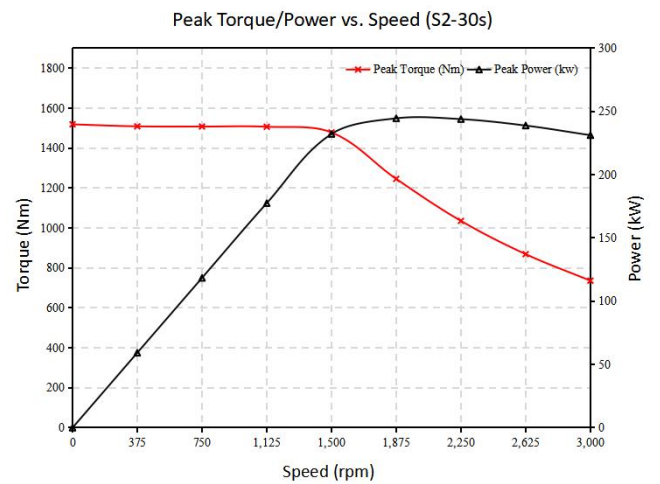


Motor Performance @ 1500rpm (290mm OD / 300mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	950.3	0.0
375	941.7	37.0
750	940.8	73.9
1,125	939.9	110.7
1,500	939.0	147.5
1,875	812.0	159.4
2,250	652.2	153.7
2,625	517.7	142.3
3,000	404.2	127.0

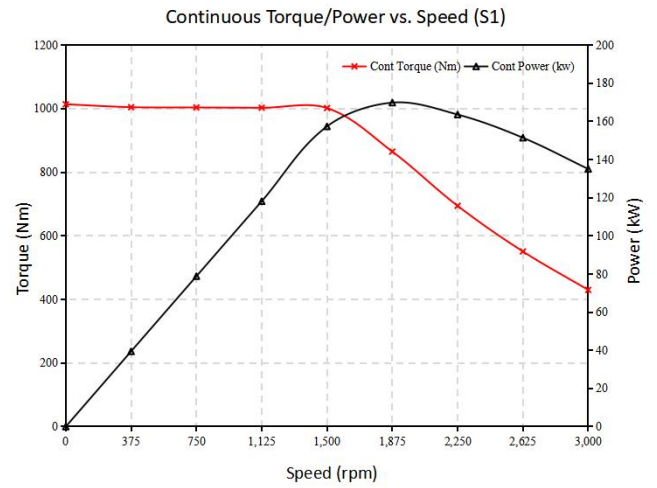


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,519.0	0.0
375	1,509.0	59.3
750	1,507.9	118.4
1,125	1,506.9	177.5
1,500	1,478.4	232.2
1,875	1,245.8	244.6
2,250	1,035.5	244.0
2,625	869.0	238.9
3,000	736.1	231.2

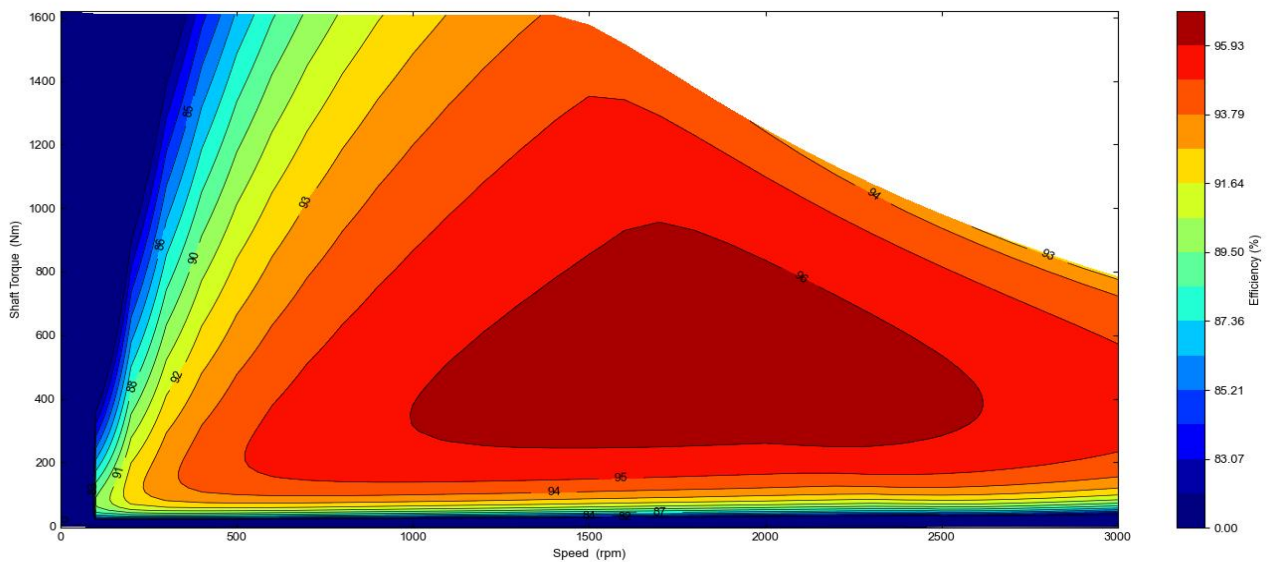
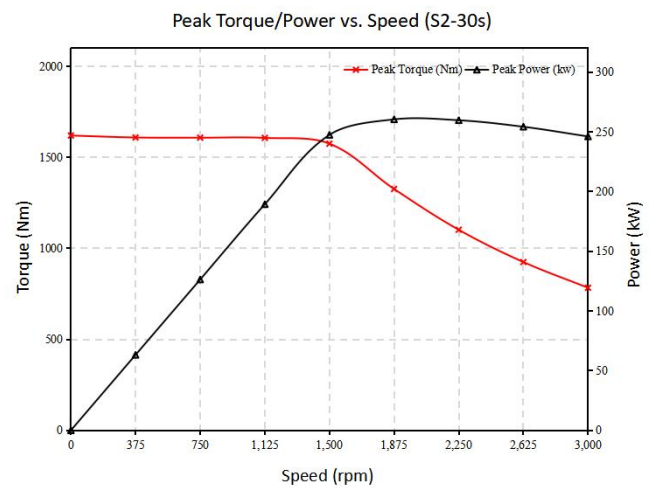


Motor Performance @ 1500rpm (290mm OD / 320mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	1,013.6	0.0
375	1,004.4	39.4
750	1,003.5	78.8
1,125	1,002.6	118.1
1,500	1,001.6	157.3
1,875	864.8	169.8
2,250	694.2	163.5
2,625	550.8	151.4
3,000	429.8	135.0

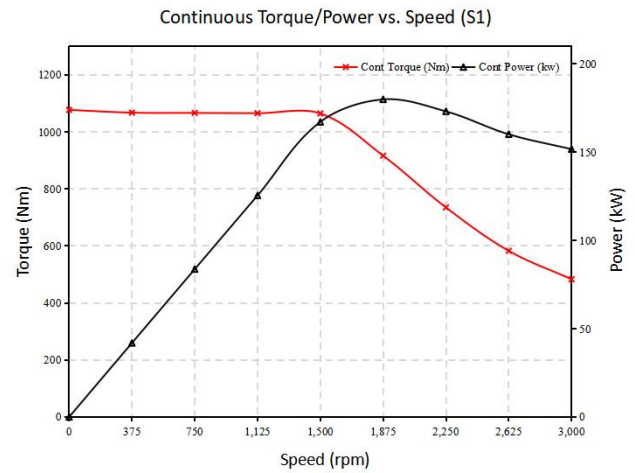


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,620.3	0.0
375	1,609.5	63.2
750	1,608.4	126.3
1,125	1,607.4	189.3
1,500	1,575.4	247.4
1,875	1,326.5	260.4
2,250	1,102.3	259.7
2,625	925.0	254.3
3,000	783.5	246.1

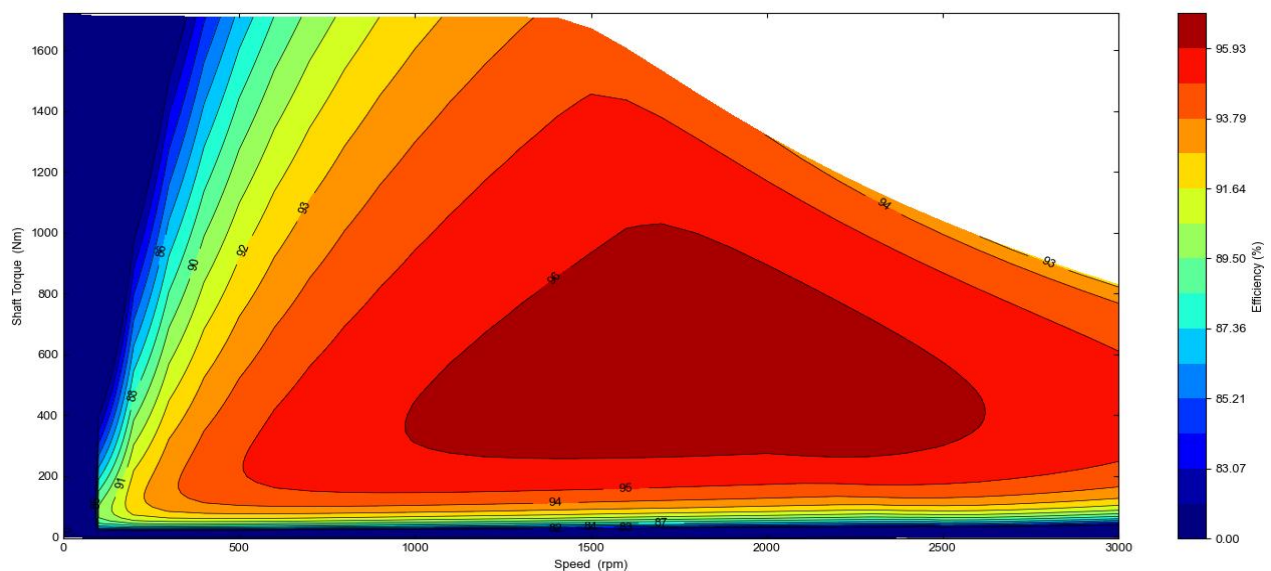
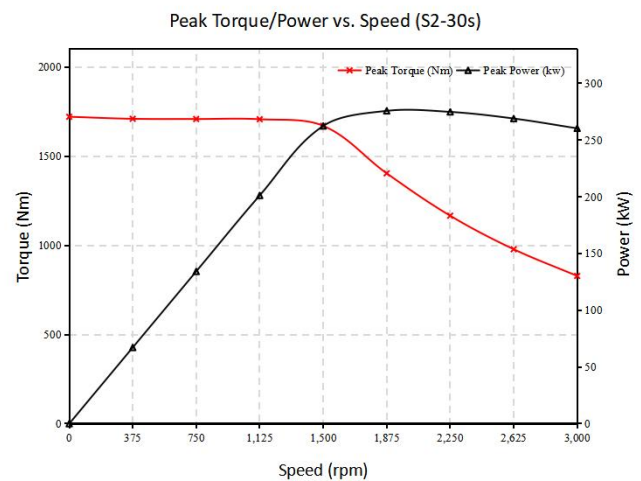


Motor Performance @ 1500rpm (290mm OD / 340mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	1,077.0	0.0
375	1,067.2	41.9
750	1,066.2	83.7
1,125	1,065.2	125.5
1,500	1,064.2	167.2
1,875	916.2	179.9
2,250	734.7	173.1
2,625	582.6	160.1
3,000	482.9	151.7

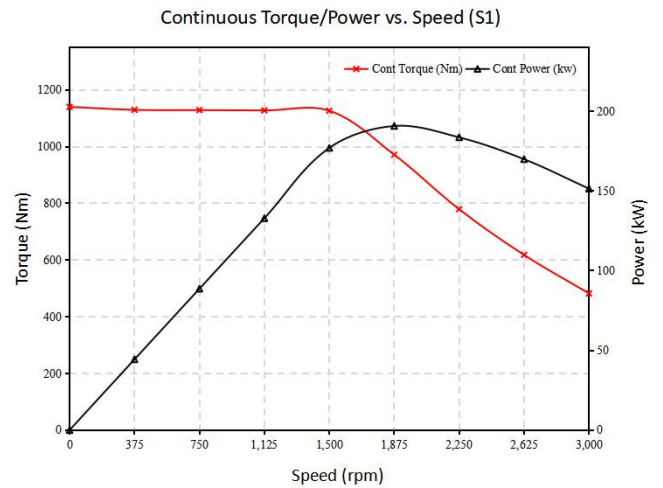


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,721.5	0.0
375	1,710.1	67.2
750	1,709.0	134.2
1,125	1,707.8	201.2
1,500	1,670.7	262.4
1,875	1,404.4	275.7
2,250	1,166.5	274.8
2,625	978.6	269.0
3,000	828.7	260.3

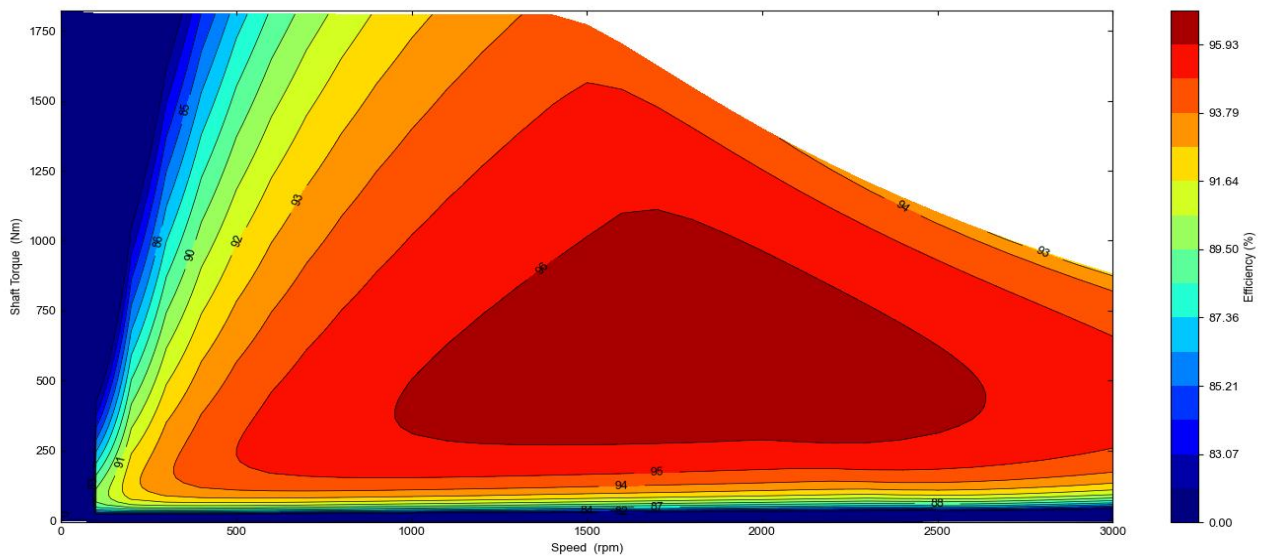
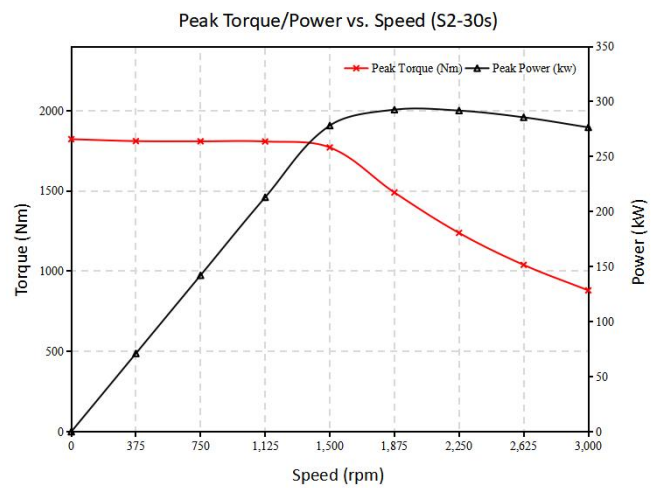


Motor Performance @ 1500rpm (290mm OD / 360mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	1,140.3	0.0
375	1,130.0	44.4
750	1,128.9	88.7
1,125	1,127.9	132.9
1,500	1,126.8	177.0
1,875	971.5	190.7
2,250	779.4	183.6
2,625	618.1	169.9
3,000	482.1	151.4

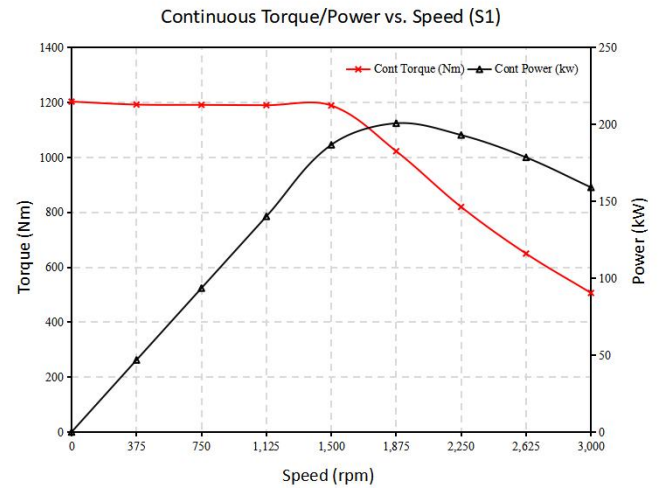


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,822.8	0.0
375	1,810.7	71.1
750	1,809.5	142.1
1,125	1,808.3	213.0
1,500	1,771.1	278.2
1,875	1,490.5	292.6
2,250	1,238.5	291.8
2,625	1,039.3	285.7
3,000	880.4	276.6

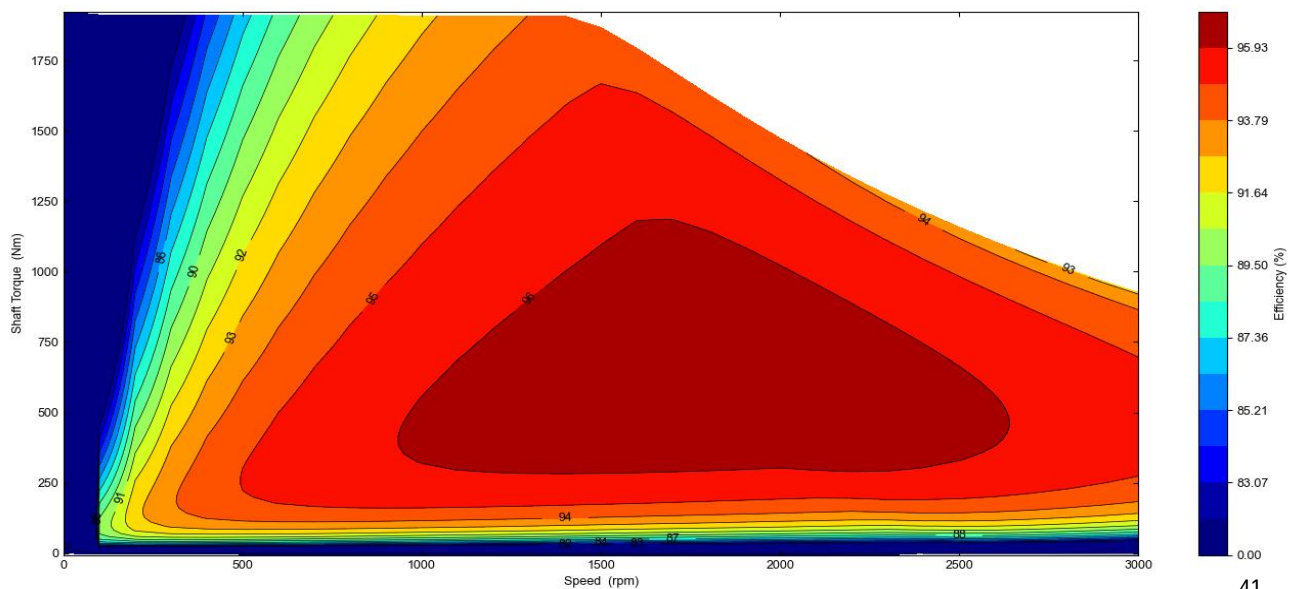
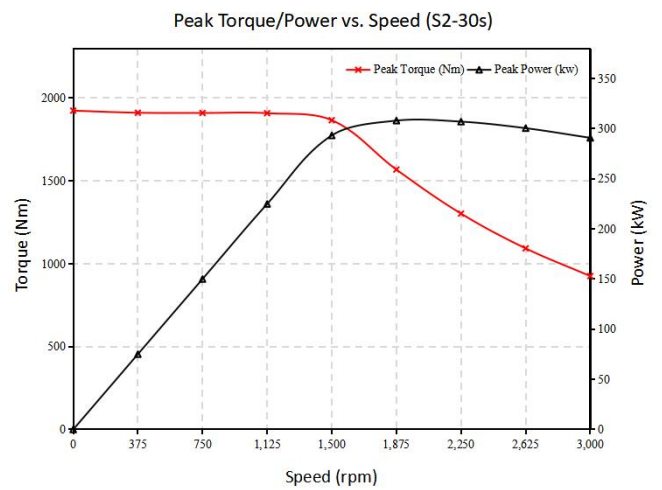


Motor Performance @ 1500rpm (290mm OD / 380mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	1,203.7	0.0
375	1,192.8	46.8
750	1,191.6	93.6
1,125	1,190.5	140.2
1,500	1,189.4	186.8
1,875	1,023.0	200.8
2,250	820.0	193.2
2,625	650.0	178.7
3,000	506.5	159.1

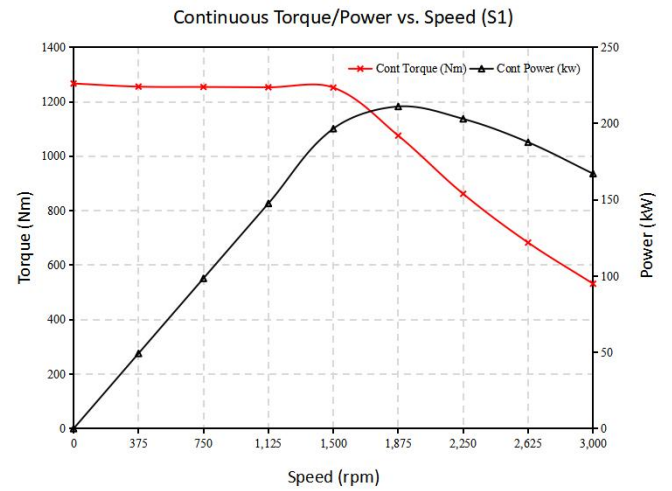


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,924.1	0.0
375	1,911.3	75.1
750	1,910.0	150.0
1,125	1,908.7	224.8
1,500	1,866.4	293.1
1,875	1,568.4	307.9
2,250	1,302.7	306.9
2,625	1,092.9	300.4
3,000	925.6	290.8

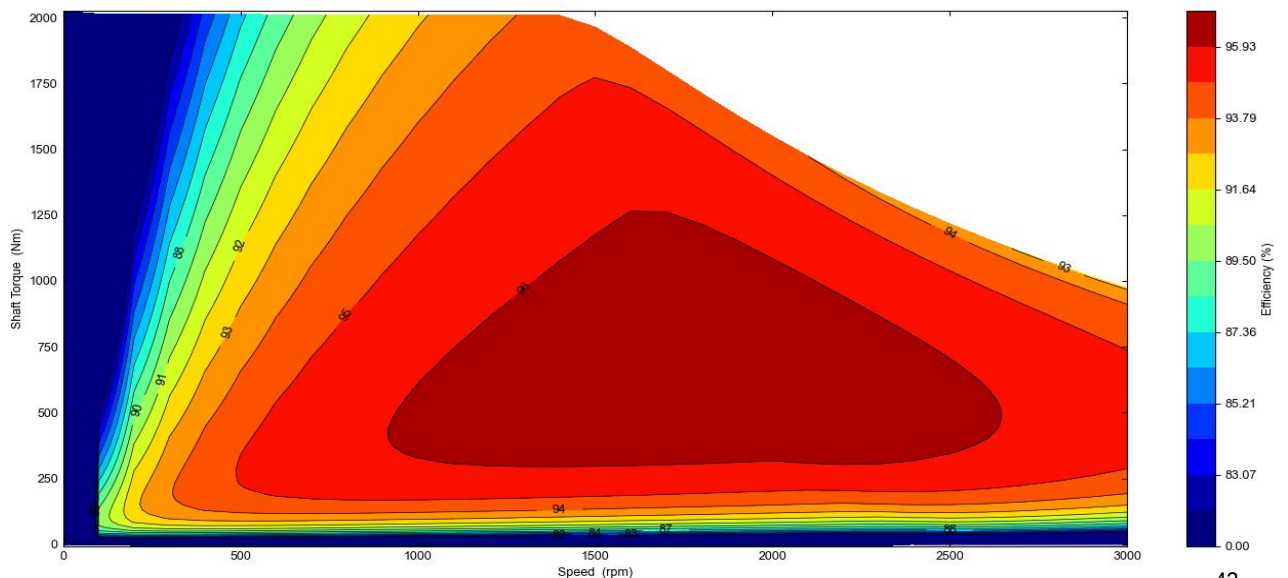
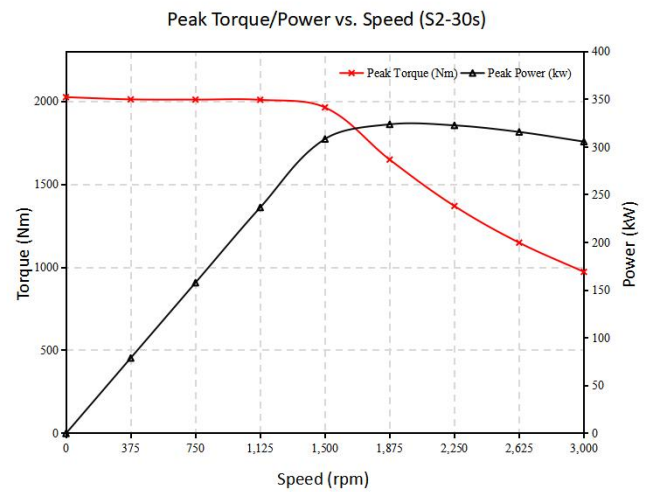


Motor Performance @ 1500rpm (290mm OD / 400mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	1,267.0	0.0
375	1,255.5	49.3
750	1,254.4	98.5
1,125	1,253.2	147.6
1,500	1,252.0	196.7
1,875	1,075.7	211.2
2,250	861.9	203.1
2,625	683.0	187.7
3,000	532.1	167.2

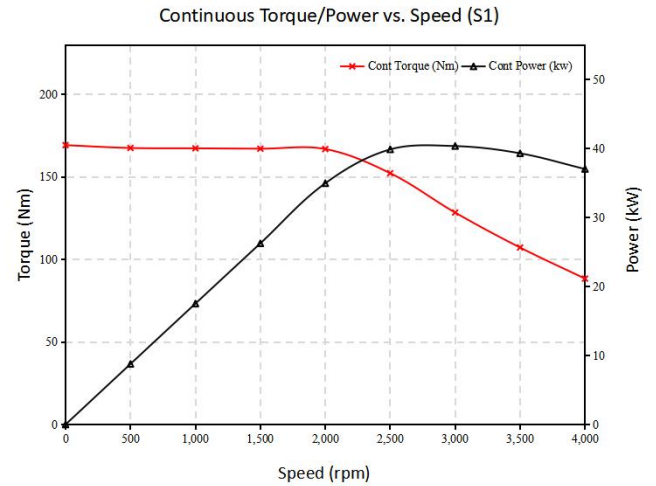


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	2,025.3	0.0
375	2,011.9	79.0
750	2,010.5	157.9
1,125	2,009.2	236.7
1,500	1,963.3	308.4
1,875	1,649.1	323.8
2,250	1,369.6	322.7
2,625	1,148.9	315.8
3,000	973.0	305.7

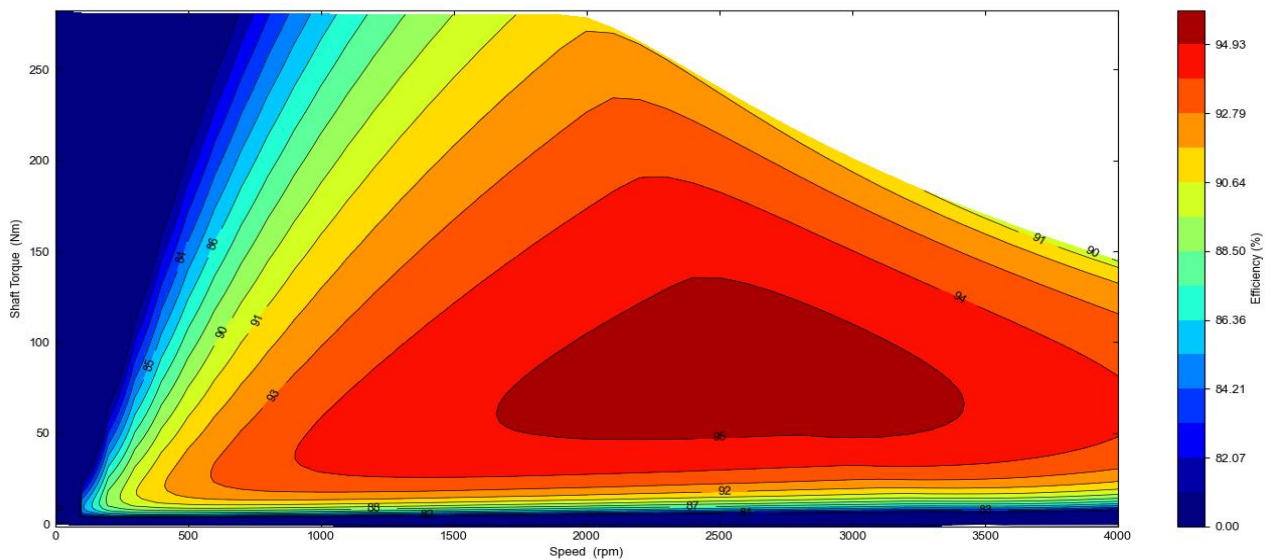
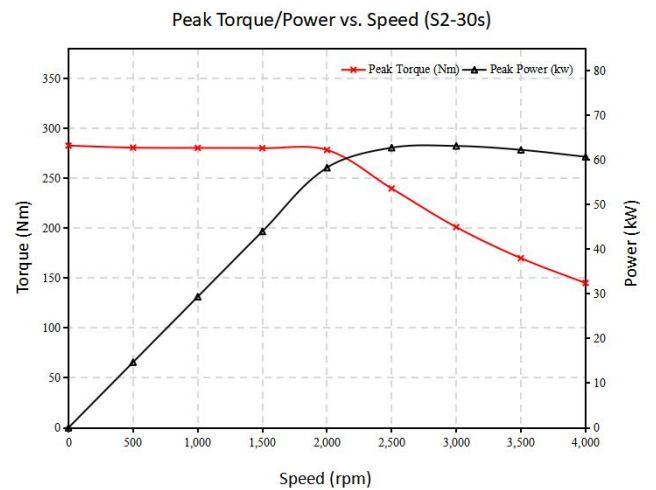


Motor Performance @ 2000rpm (290mm OD / 60mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	169.3	0.0
500	167.6	8.8
1,000	167.4	17.5
1,500	167.2	26.3
2,000	166.9	35.0
2,500	152.3	39.9
3,000	128.5	40.4
3,500	107.3	39.3
4,000	88.4	37.0

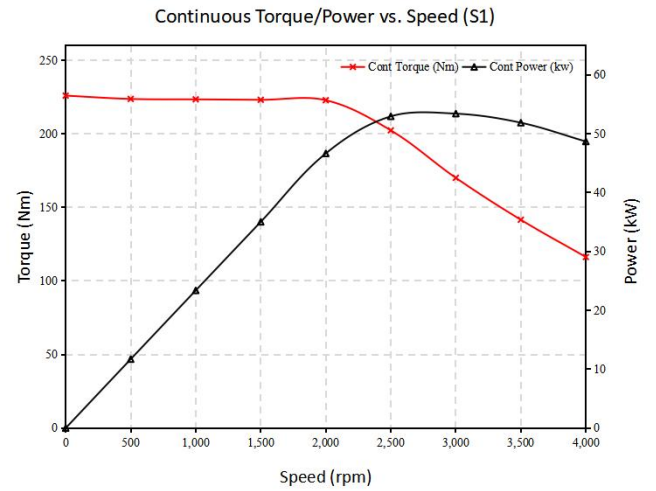


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	282.7	0.0
500	280.7	14.7
1,000	280.4	29.4
1,500	280.2	44.0
2,000	278.3	58.3
2,500	239.8	62.8
3,000	201.0	63.2
3,500	170.0	62.3
4,000	145.0	60.7

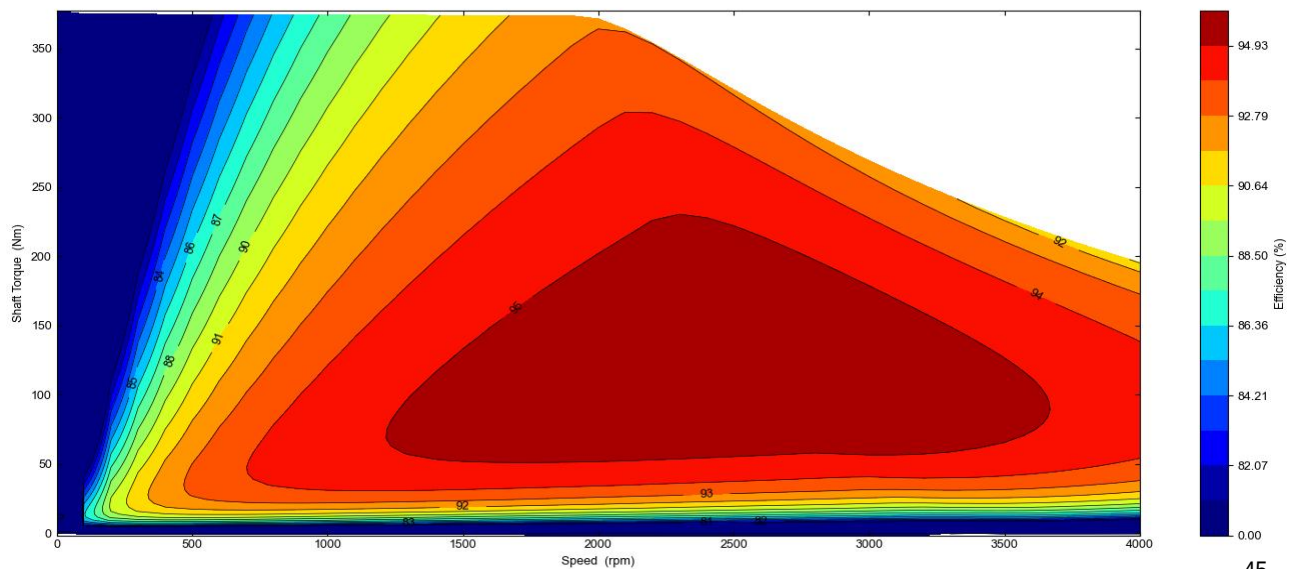
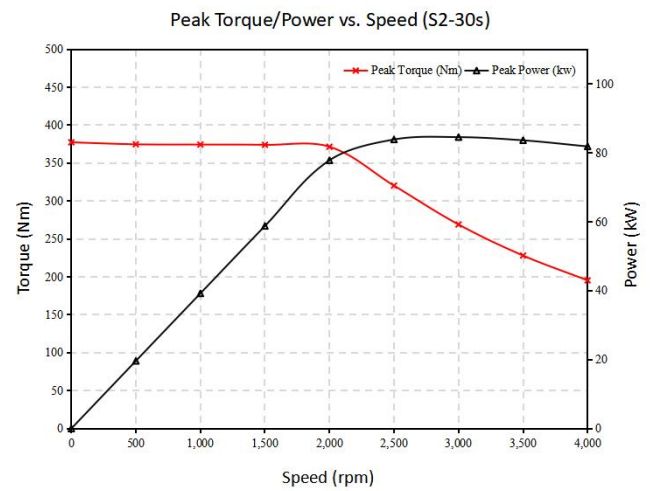


Motor Performance @ 2000rpm (290mm OD / 80mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	225.9	0.0
500	223.7	11.7
1,000	223.4	23.4
1,500	223.1	35.0
2,000	222.8	46.7
2,500	202.3	53.0
3,000	170.1	53.4
3,500	141.6	51.9
4,000	116.3	48.7

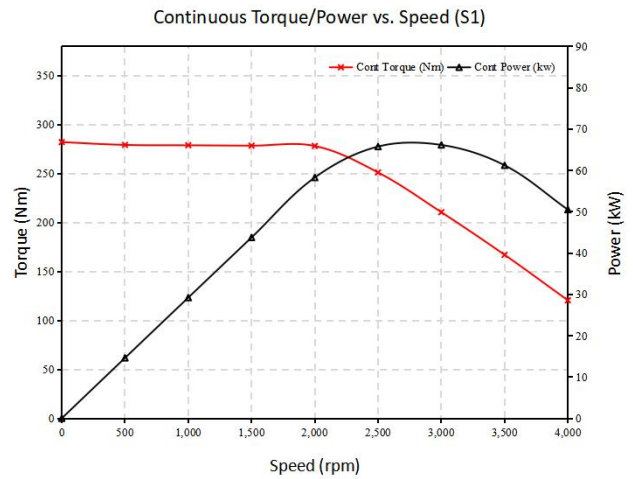


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	377.4	0.0
500	374.7	19.6
1,000	374.4	39.2
1,500	374.1	58.8
2,000	371.5	77.8
2,500	320.3	83.8
3,000	269.1	84.5
3,500	228.1	83.6
4,000	195.4	81.8

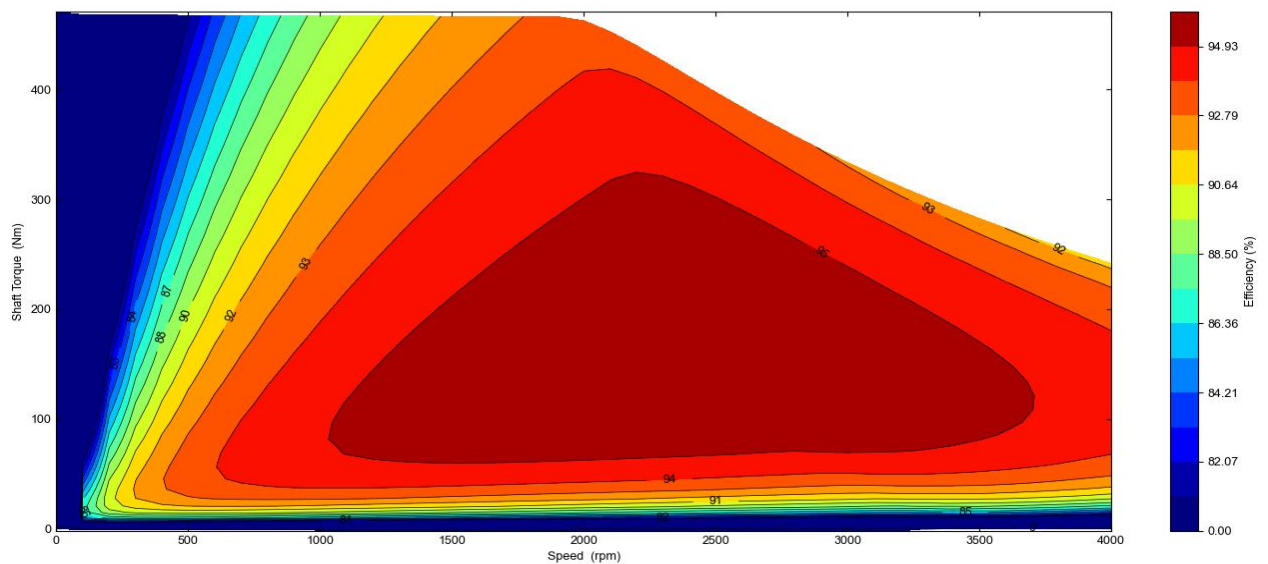
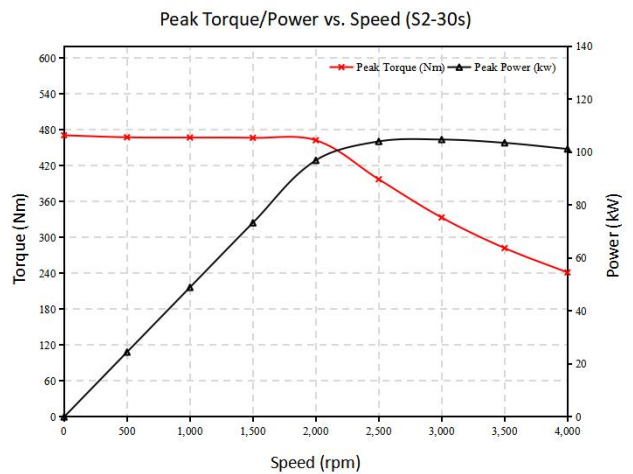


Motor Performance @ 2000rpm (290mm OD / 100mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	282.2	0.0
500	279.3	14.6
1,000	279.0	29.2
1,500	278.6	43.8
2,000	278.2	58.3
2,500	251.2	65.8
3,000	210.6	66.2
3,500	167.0	61.2
4,000	120.6	50.5

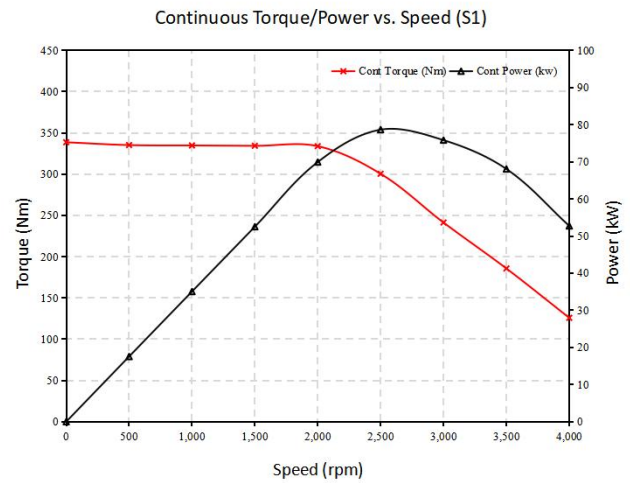


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	471.1	0.0
500	467.8	24.5
1,000	467.3	48.9
1,500	466.9	73.3
2,000	462.8	96.9
2,500	397.5	104.1
3,000	333.6	104.8
3,500	282.5	103.5
4,000	241.7	101.2

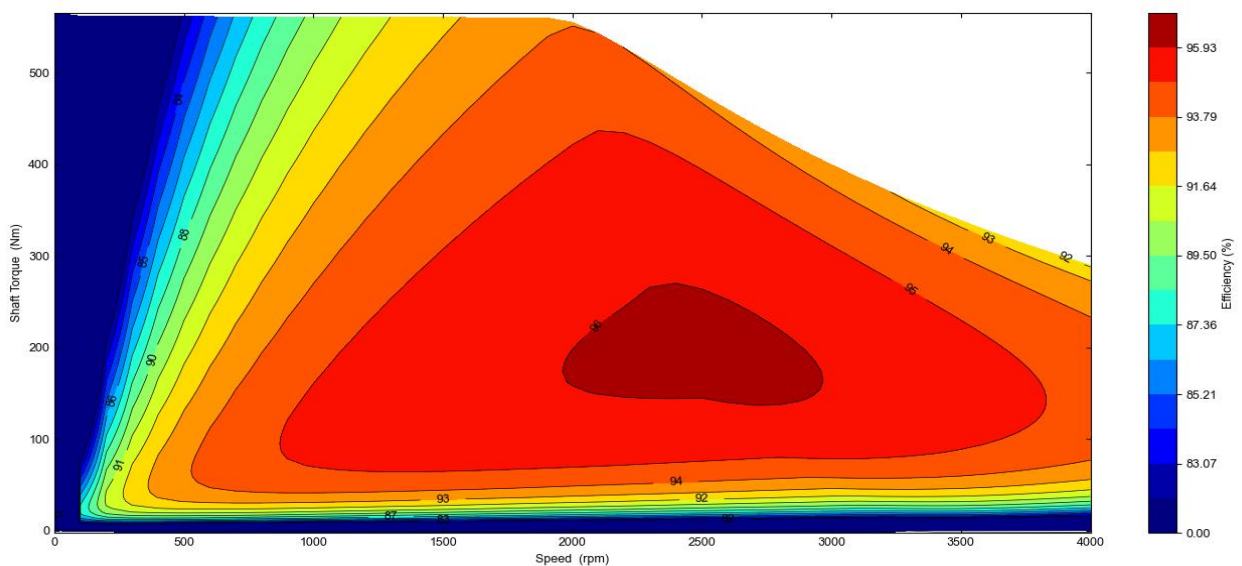
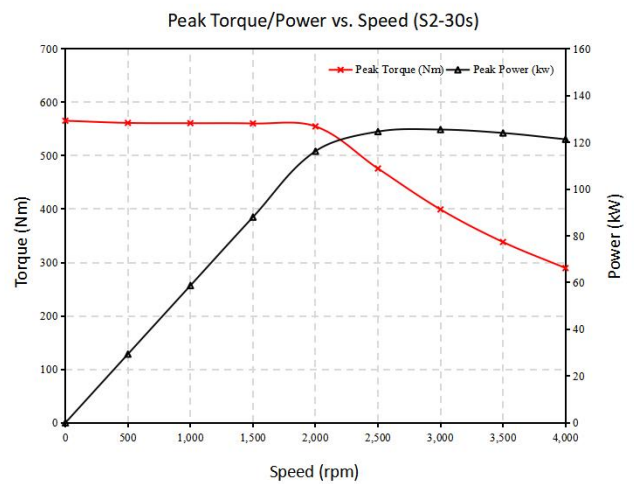


Motor Performance @ 2000rpm (290mm OD / 120mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	338.6	0.0
500	335.2	17.5
1,000	334.8	35.1
1,500	334.3	52.5
2,000	333.9	69.9
2,500	300.4	78.6
3,000	241.4	75.8
3,500	185.7	68.0
4,000	125.9	52.7

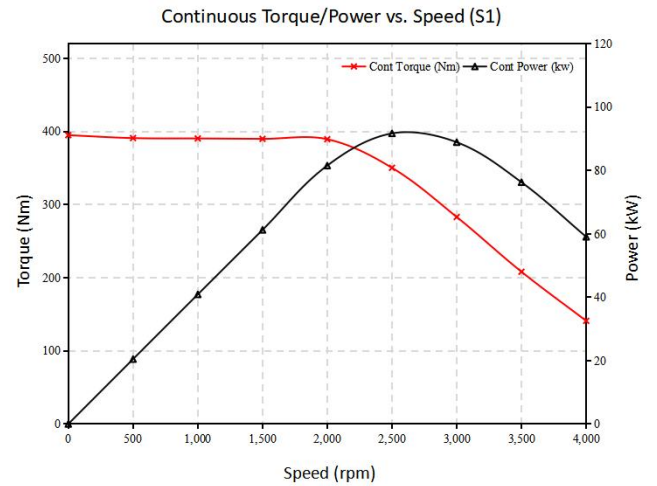


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	565.4	0.0
500	561.3	29.4
1,000	560.8	58.7
1,500	560.3	88.0
2,000	554.8	116.2
2,500	475.9	124.6
3,000	399.3	125.4
3,500	338.3	124.0
4,000	289.6	121.3

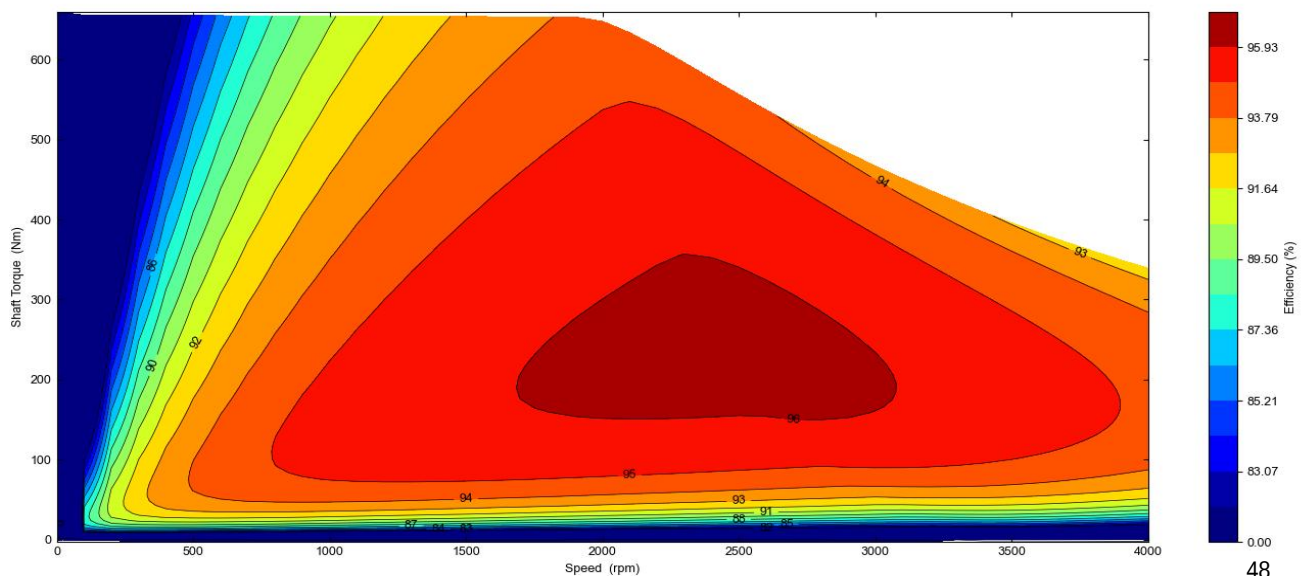
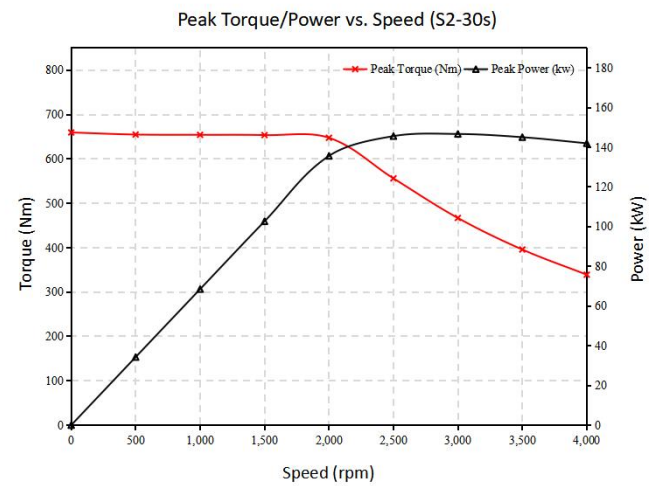


Motor Performance @ 2000rpm (290mm OD / 140mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	395.1	0.0
500	391.1	20.5
1,000	390.5	40.9
1,500	390.0	61.3
2,000	389.5	81.6
2,500	350.4	91.7
3,000	283.1	88.9
3,500	208.2	76.3
4,000	141.1	59.1

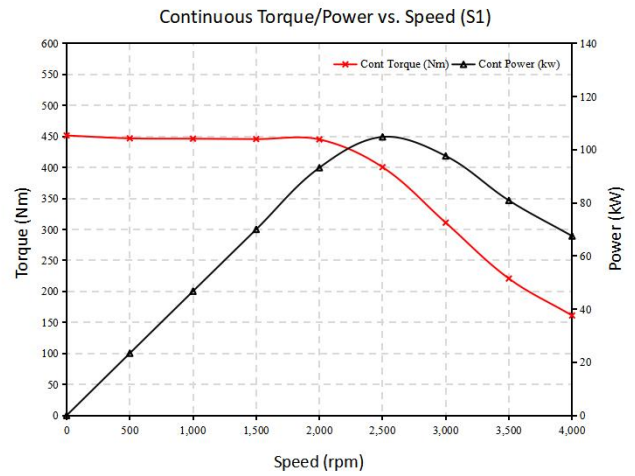


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	659.6	0.0
500	654.9	34.3
1,000	654.2	68.5
1,500	653.6	102.7
2,000	647.6	135.6
2,500	556.2	145.6
3,000	466.9	146.7
3,500	395.8	145.1
4,000	339.0	142.0

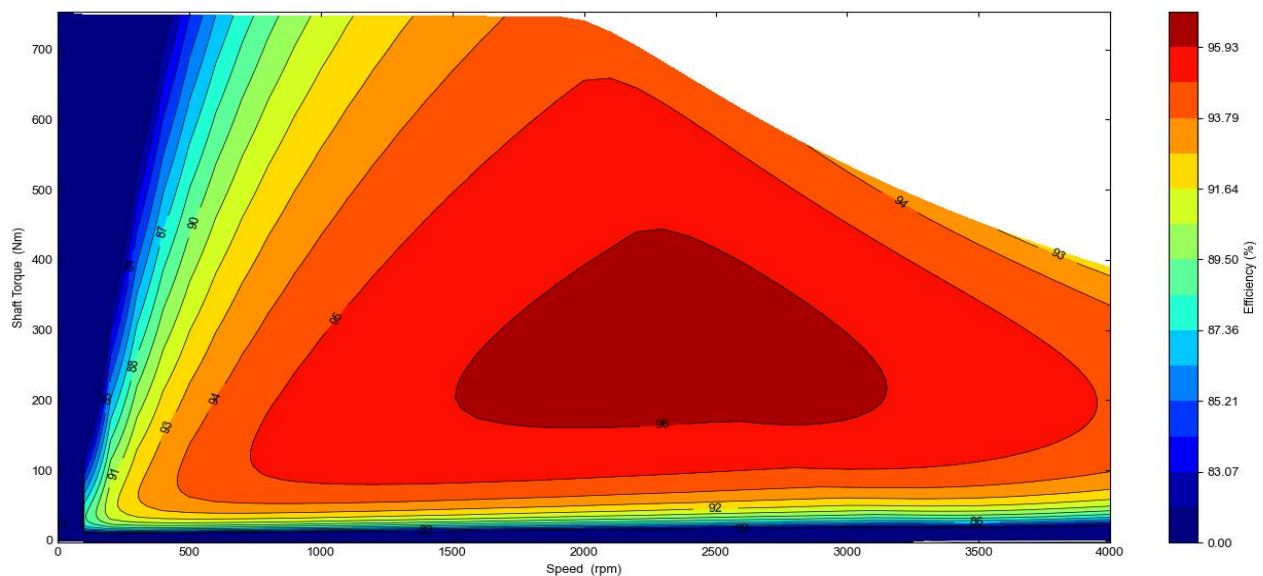
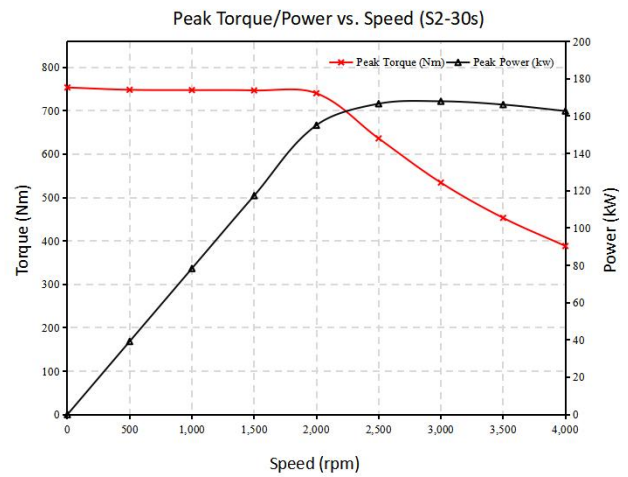


Motor Performance @ 2000rpm (290mm OD / 160mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	451.5	0.0
500	446.9	23.4
1,000	446.3	46.7
1,500	445.7	70.0
2,000	445.1	93.2
2,500	400.4	104.8
3,000	310.9	97.7
3,500	220.8	80.9
4,000	161.2	67.5

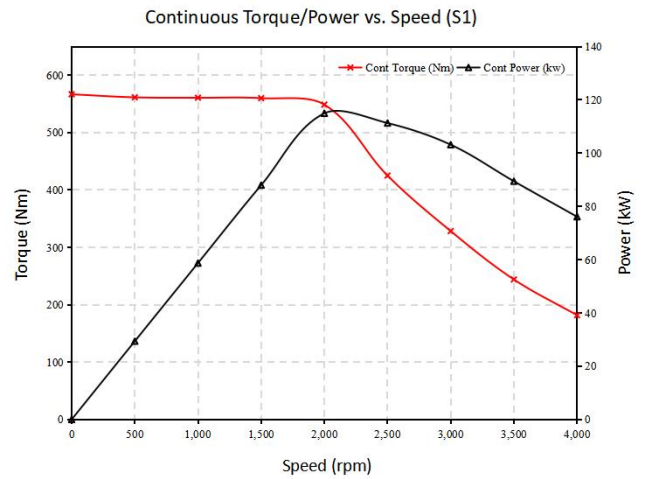


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	753.8	0.0
500	748.4	39.2
1,000	747.7	78.3
1,500	747.0	117.3
2,000	740.4	155.1
2,500	636.4	166.6
3,000	534.5	167.9
3,500	453.3	166.1
4,000	388.4	162.7

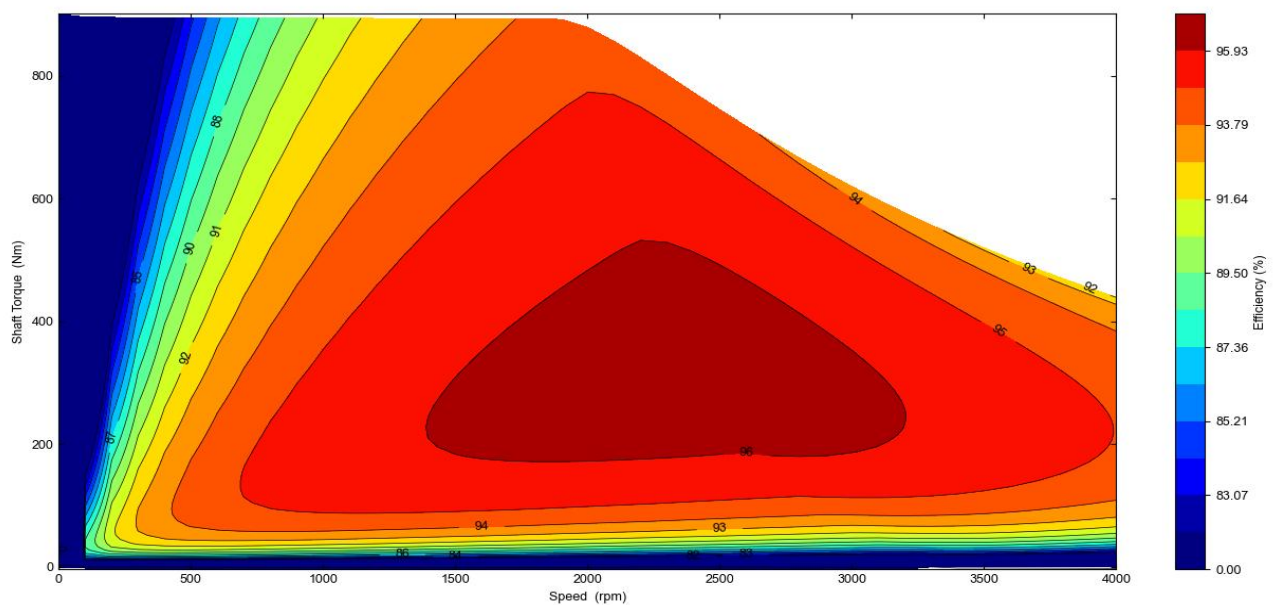
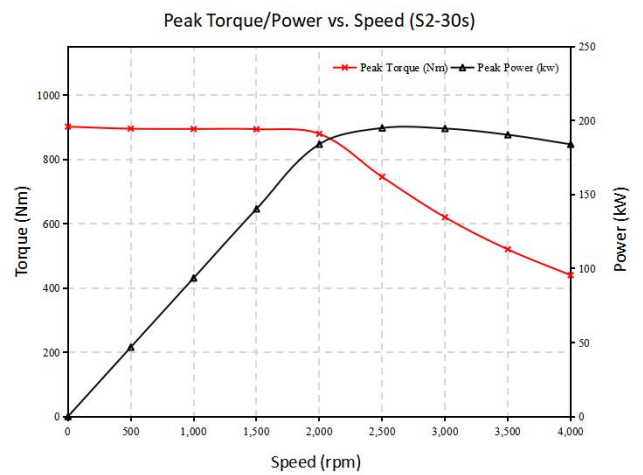


Motor Performance @ 2000rpm (290mm OD / 180mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	566.8	0.0
500	561.5	29.4
1,000	560.8	58.7
1,500	560.1	88.0
2,000	548.8	114.9
2,500	425.1	111.3
3,000	328.4	103.2
3,500	244.0	89.4
4,000	181.7	76.1

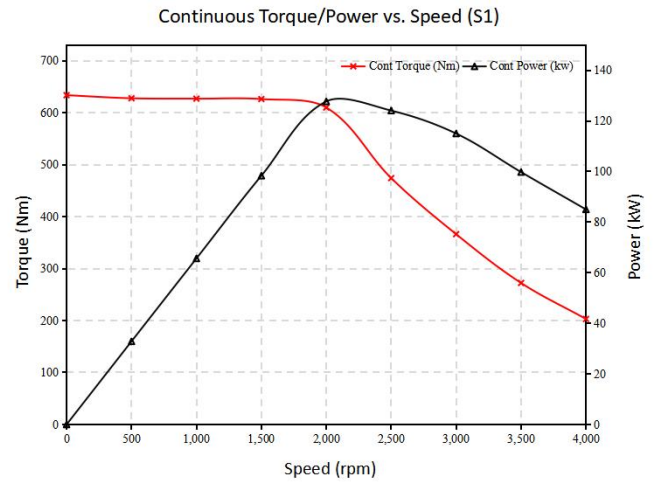


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	901.4	0.0
500	895.2	46.9
1,000	894.4	93.6
1,500	893.5	140.3
2,000	879.2	184.1
2,500	745.2	195.1
3,000	619.8	194.7
3,500	519.8	190.5
4,000	439.4	184.1

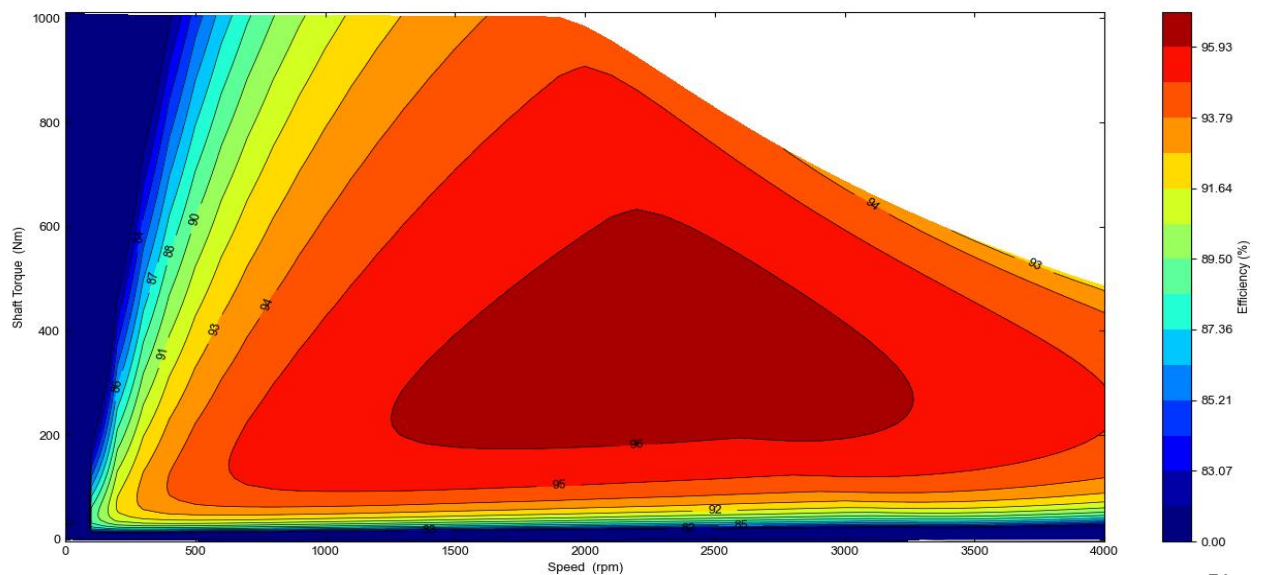
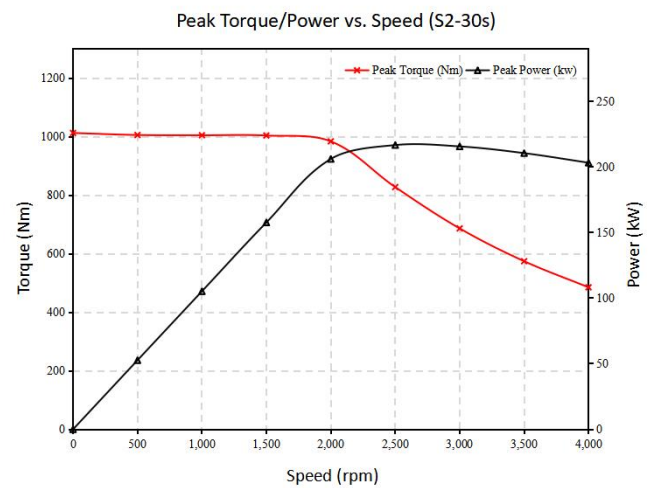


Motor Performance @ 2000rpm (290mm OD / 200mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	633.5	0.0
500	627.6	32.9
1,000	626.8	65.6
1,500	626.0	98.3
2,000	609.8	127.7
2,500	474.0	124.1
3,000	366.1	115.0
3,500	272.2	99.8
4,000	203.0	85.0

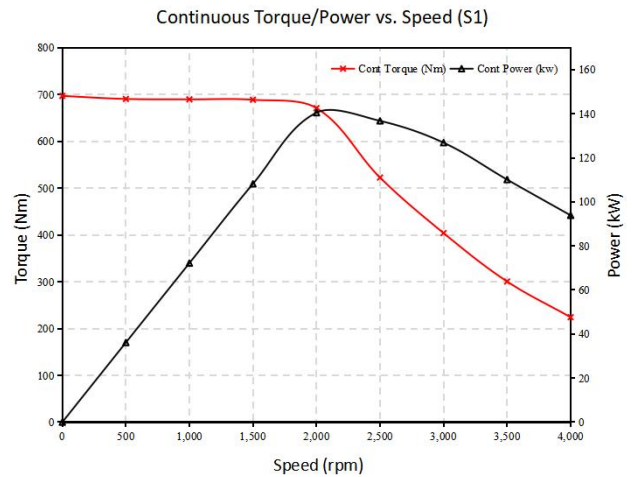


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,012.7	0.0
500	1,005.7	52.7
1,000	1,004.8	105.2
1,500	1,003.9	157.7
2,000	984.0	206.1
2,500	827.8	216.7
3,000	686.5	215.7
3,500	574.5	210.5
4,000	485.2	203.2

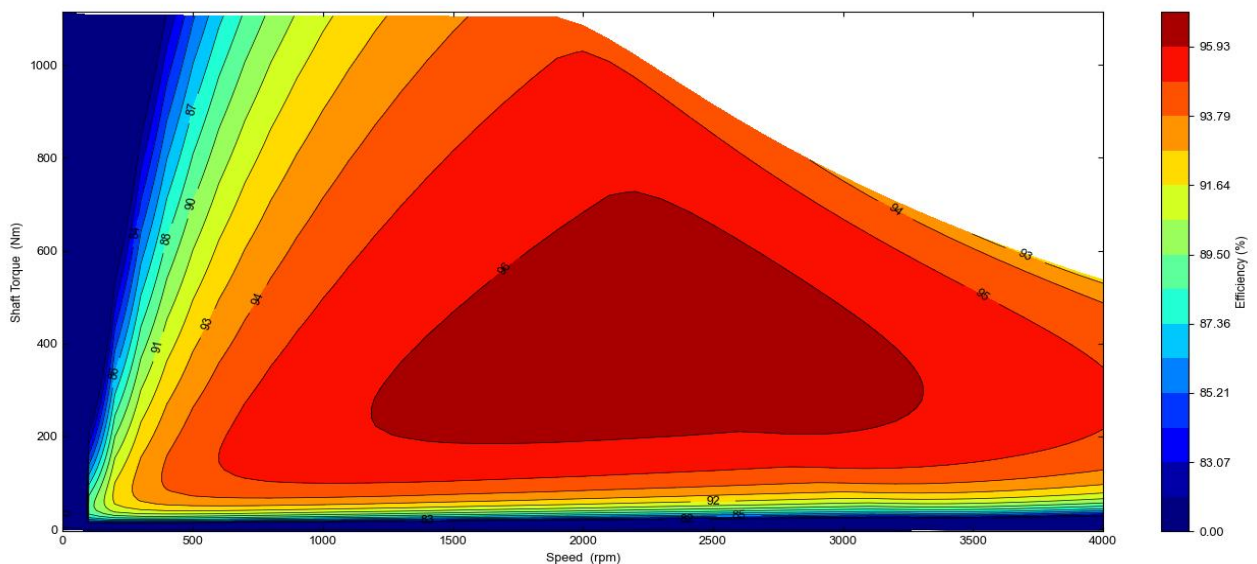
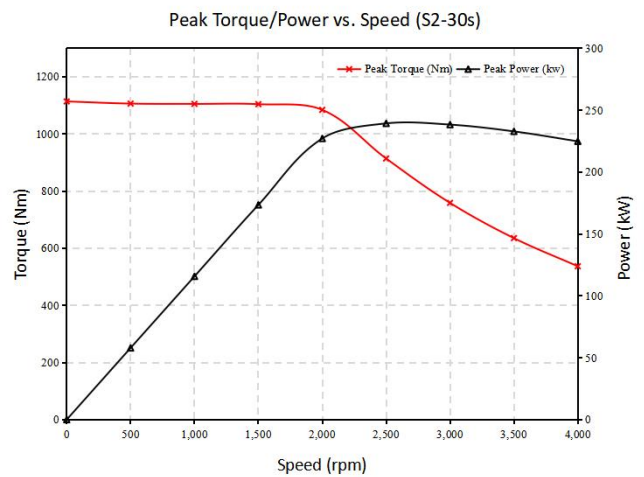


Motor Performance @ 2000rpm (290mm OD / 220mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	696.9	0.0
500	690.3	36.1
1,000	689.5	72.2
1,500	688.6	108.2
2,000	670.7	140.5
2,500	522.4	136.8
3,000	403.8	126.9
3,500	300.4	110.1
4,000	224.1	93.9

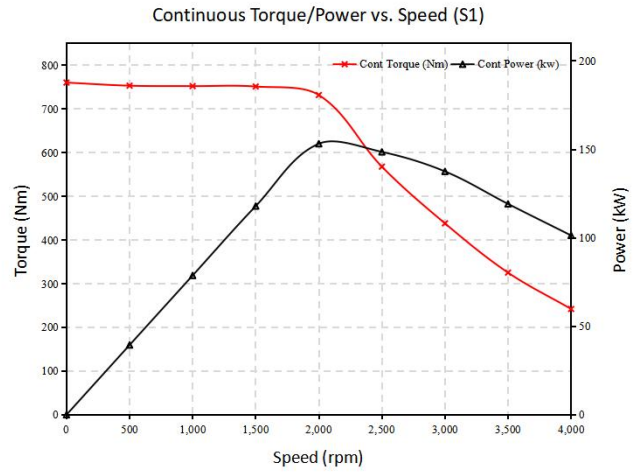


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,113.9	0.0
500	1,106.3	57.9
1,000	1,105.3	115.7
1,500	1,104.3	173.5
2,000	1,084.5	227.1
2,500	914.1	239.3
3,000	758.7	238.3
3,500	635.3	232.8
4,000	536.8	224.8

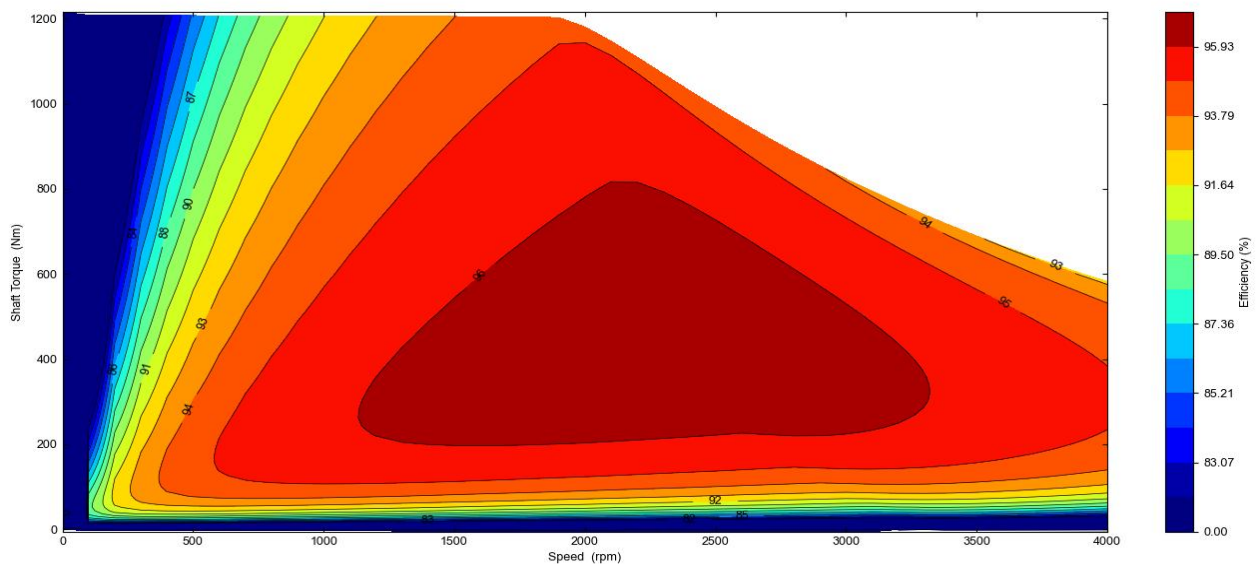
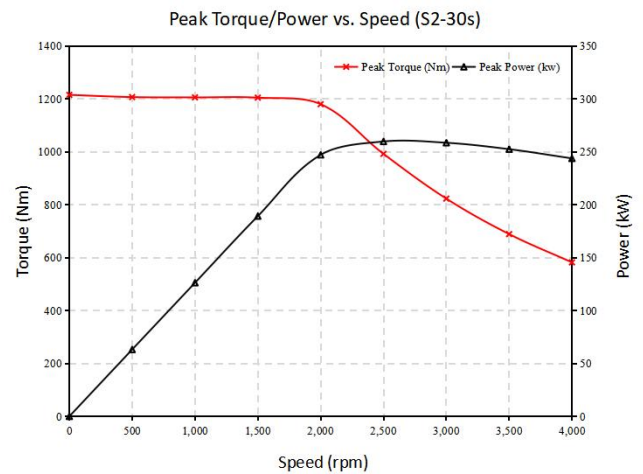


Motor Performance @ 2000rpm (290mm OD / 240mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	760.2	0.0
500	753.1	39.4
1,000	752.2	78.8
1,500	751.2	118.0
2,000	731.7	153.2
2,500	567.8	148.6
3,000	438.0	137.6
3,500	325.3	119.2
4,000	242.1	101.4

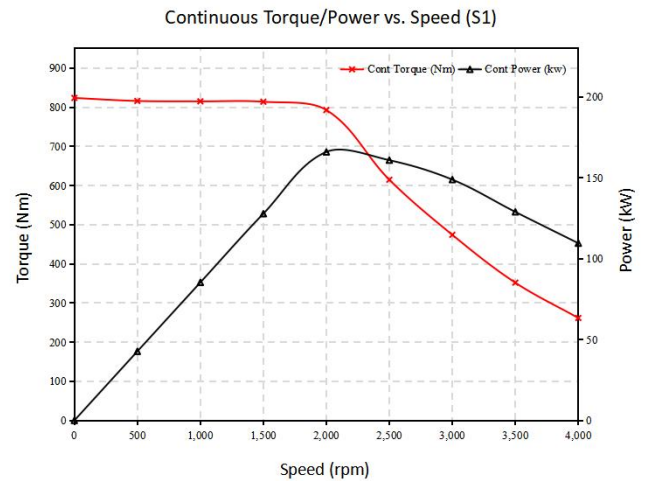


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,215.2	0.0
500	1,206.9	63.2
1,000	1,205.8	126.3
1,500	1,204.7	189.2
2,000	1,180.0	247.1
2,500	992.3	259.8
3,000	823.1	258.6
3,500	689.0	252.5
4,000	582.0	243.8

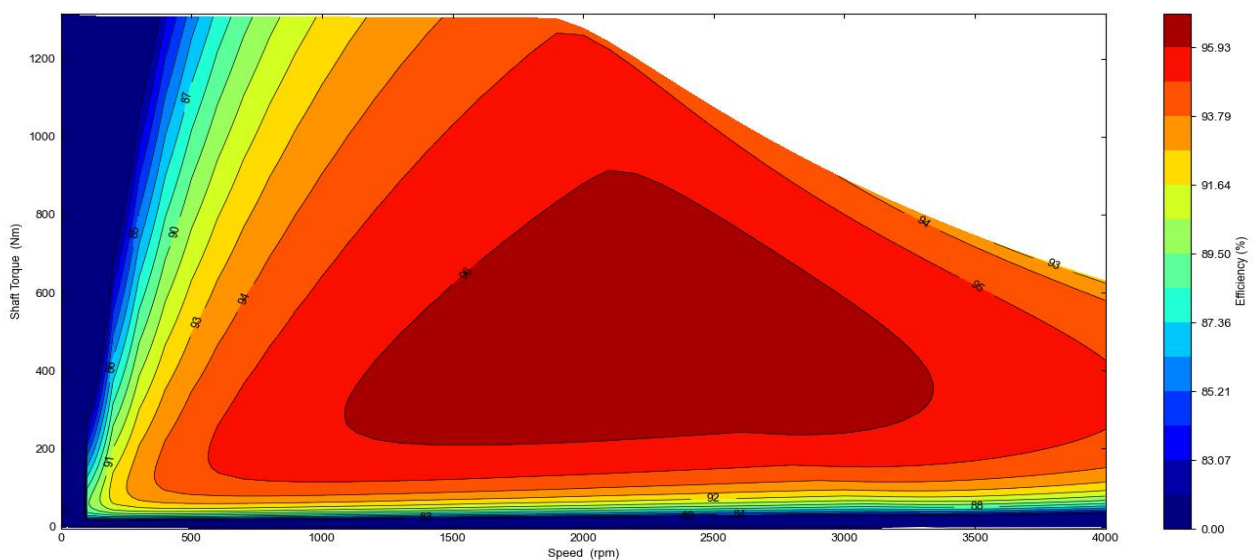
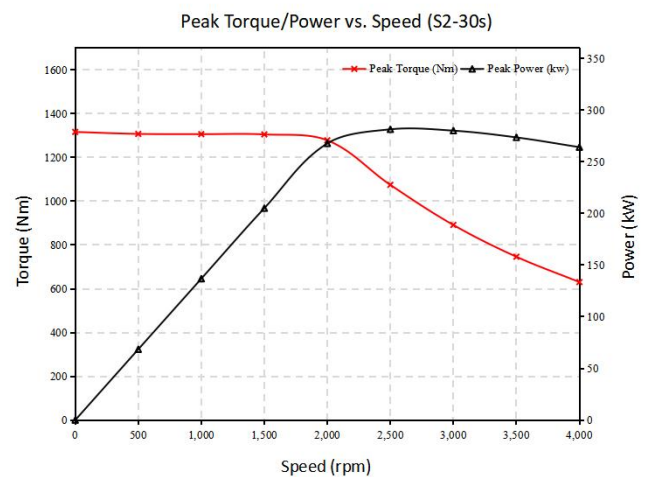


Motor Performance @ 2000rpm (290mm OD / 260mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	823.6	0.0
500	815.9	42.7
1,000	814.8	85.3
1,500	813.8	127.8
2,000	792.7	166.0
2,500	614.6	160.9
3,000	474.0	148.9
3,500	351.8	128.9
4,000	261.6	109.6

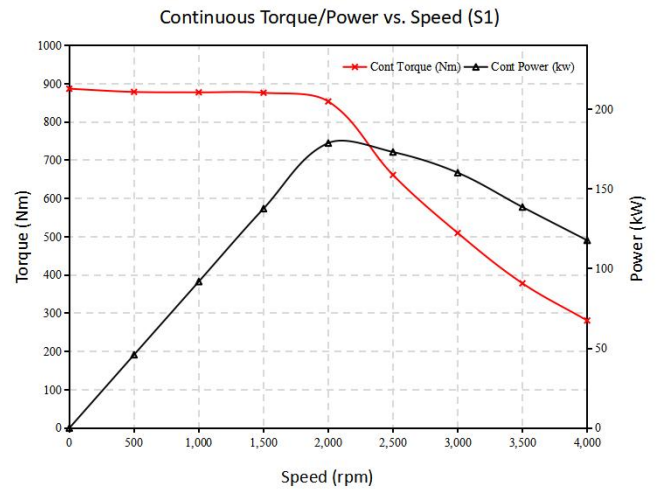


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,316.5	0.0
500	1,307.5	68.5
1,000	1,306.3	136.8
1,500	1,305.1	205.0
2,000	1,278.0	267.7
2,500	1,074.6	281.3
3,000	891.4	280.0
3,500	746.2	273.5
4,000	630.4	264.1

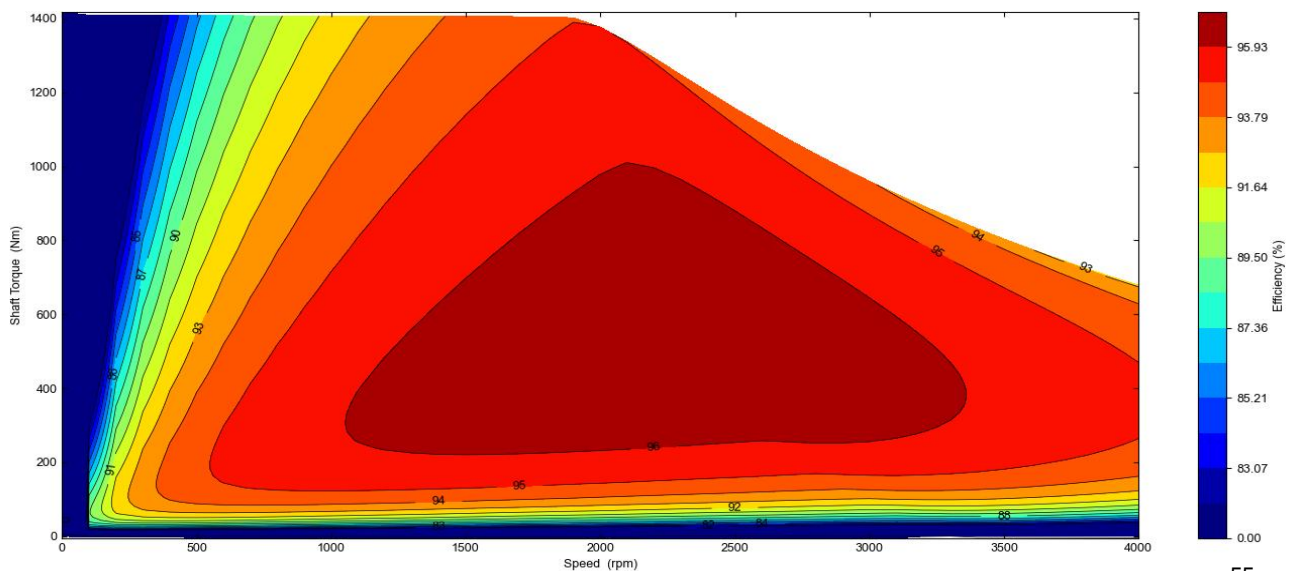
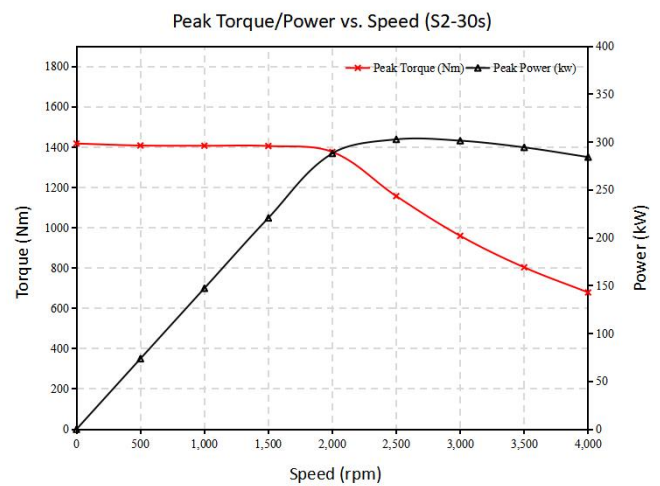


Motor Performance @ 2000rpm (290mm OD / 280mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	886.9	0.0
500	878.6	46.0
1,000	877.5	91.9
1,500	876.4	137.7
2,000	853.7	178.8
2,500	661.5	173.2
3,000	509.9	160.2
3,500	378.3	138.7
4,000	281.1	117.8

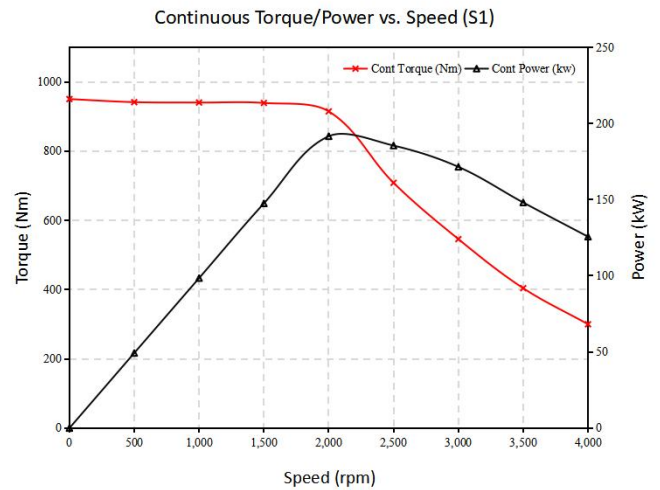


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,417.7	0.0
500	1,408.0	73.7
1,000	1,406.8	147.3
1,500	1,405.5	220.8
2,000	1,376.1	288.2
2,500	1,156.9	302.8
3,000	959.7	301.5
3,500	803.5	294.5
4,000	678.9	284.3

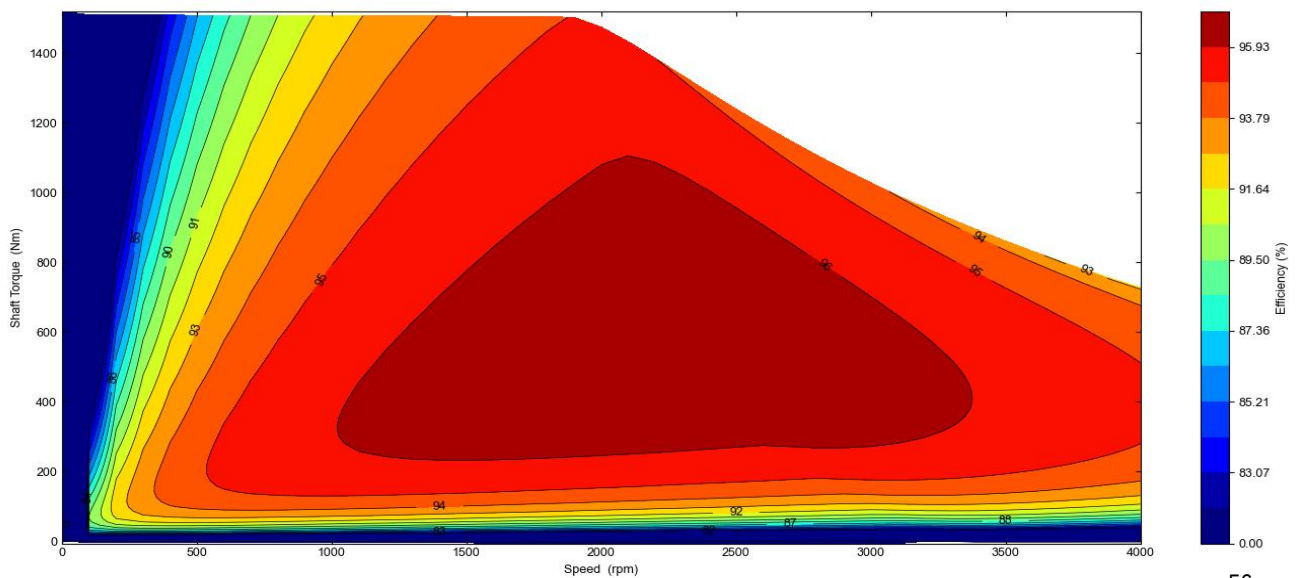
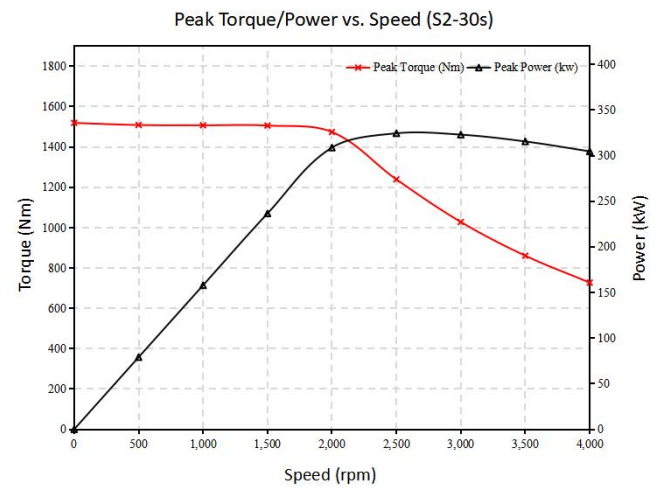


Motor Performance @ 2000rpm (290mm OD / 300mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	950.3	0.0
500	941.4	49.3
1,000	940.2	98.4
1,500	939.0	147.5
2,000	914.6	191.5
2,500	708.4	185.4
3,000	545.9	171.5
3,500	404.1	148.1
4,000	300.0	125.6

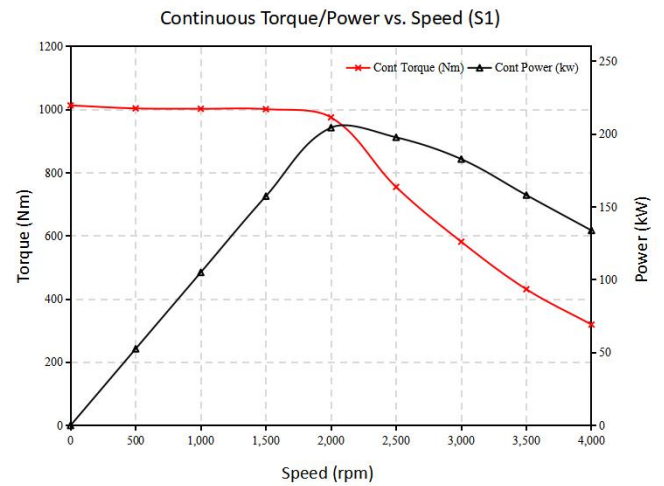


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,519.0	0.0
500	1,508.6	79.0
1,000	1,507.2	157.8
1,500	1,505.9	236.5
2,000	1,474.1	308.7
2,500	1,239.2	324.4
3,000	1,028.0	322.9
3,500	860.7	315.4
4,000	727.3	304.6

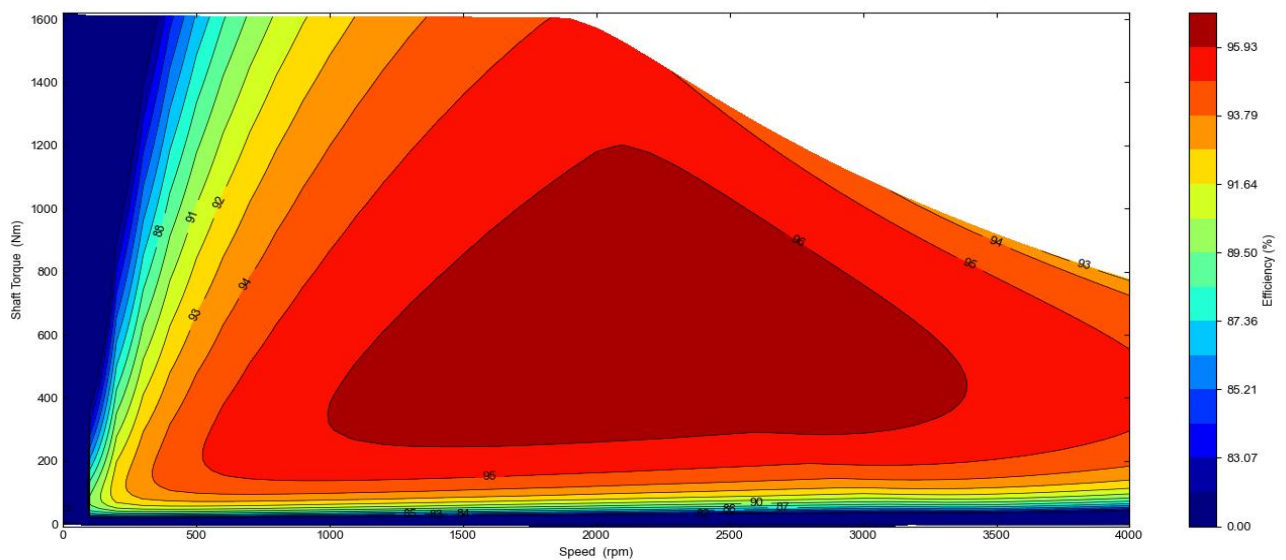
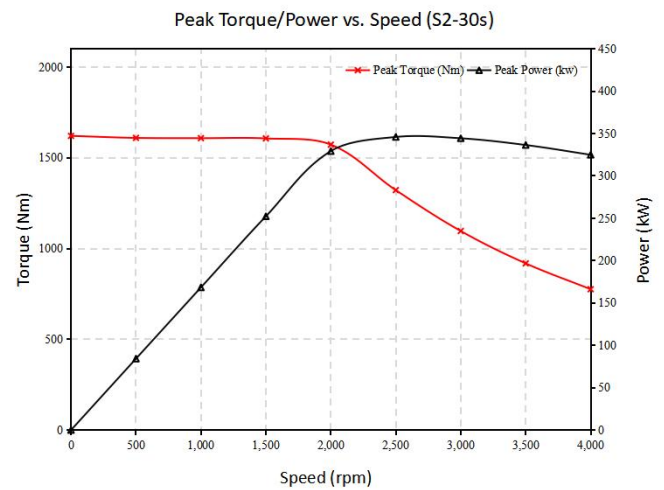


Motor Performance @ 2000rpm (290mm OD / 320mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	1,013.6	0.0
500	1,004.1	52.6
1,000	1,002.9	105.0
1,500	1,001.7	157.3
2,000	975.6	204.3
2,500	755.3	197.7
3,000	581.8	182.8
3,500	431.4	158.1
4,000	319.4	133.8

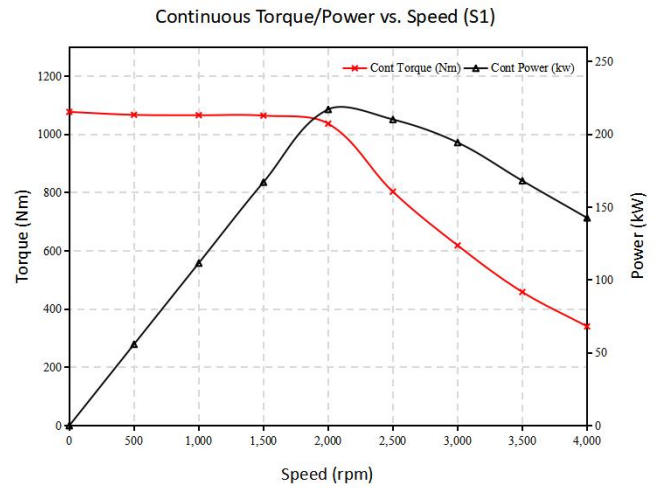


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,620.3	0.0
500	1,609.2	84.3
1,000	1,607.7	168.3
1,500	1,606.3	252.3
2,000	1,572.1	329.2
2,500	1,321.4	345.9
3,000	1,096.3	344.4
3,500	918.0	336.4
4,000	775.7	324.9

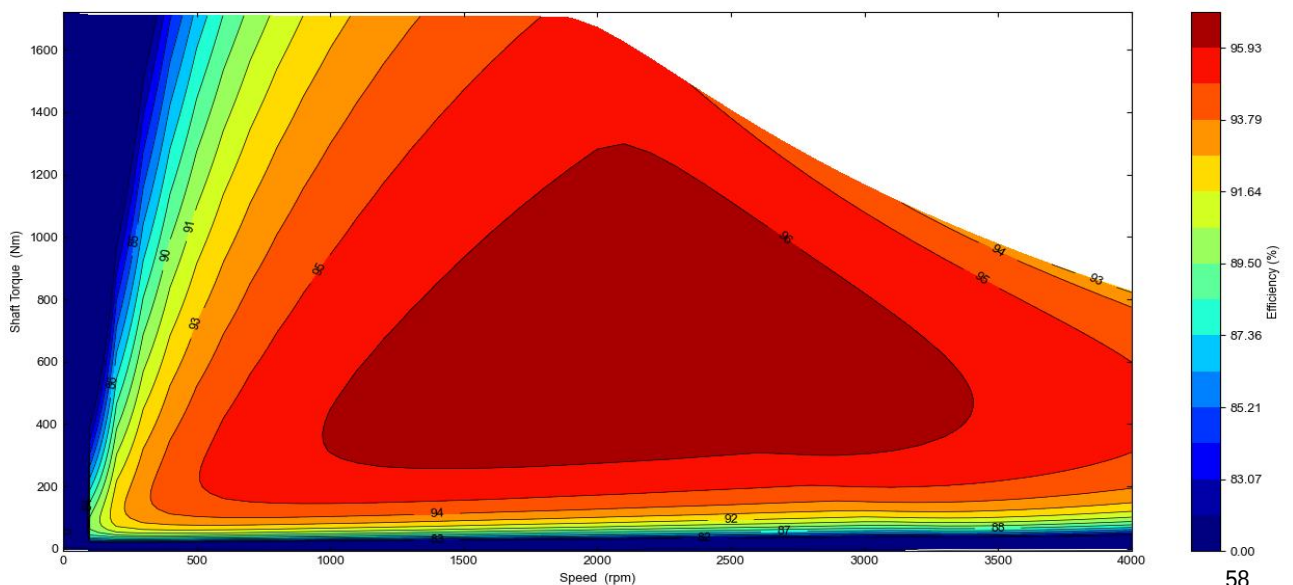
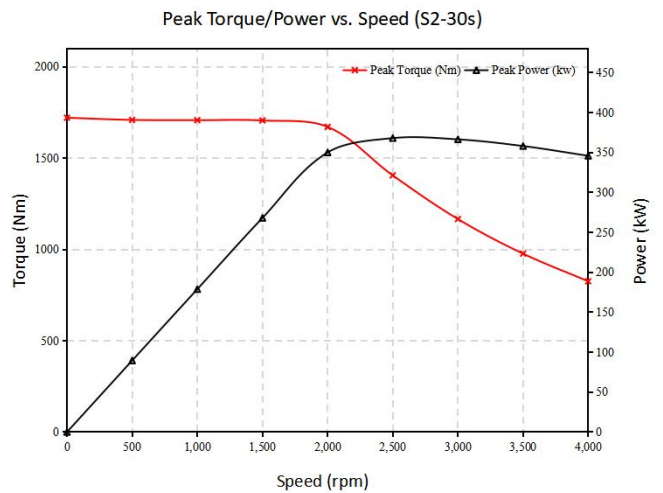


Motor Performance @ 2000rpm (290mm OD / 340mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	1,077.0	0.0
500	1,066.9	55.9
1,000	1,065.5	111.6
1,500	1,064.2	167.2
2,000	1,036.6	217.1
2,500	802.9	210.2
3,000	618.6	194.3
3,500	458.7	168.1
4,000	340.6	142.6

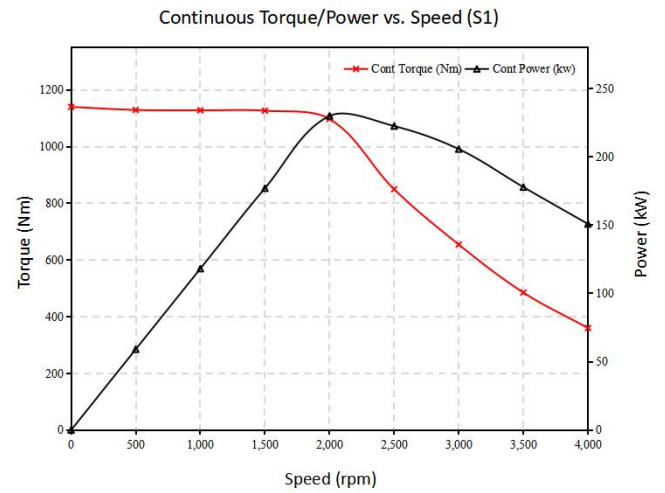


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,721.5	0.0
500	1,709.7	89.5
1,000	1,708.2	178.9
1,500	1,706.6	268.1
2,000	1,671.4	350.0
2,500	1,405.8	368.0
3,000	1,166.5	366.4
3,500	977.0	358.1
4,000	825.7	345.9

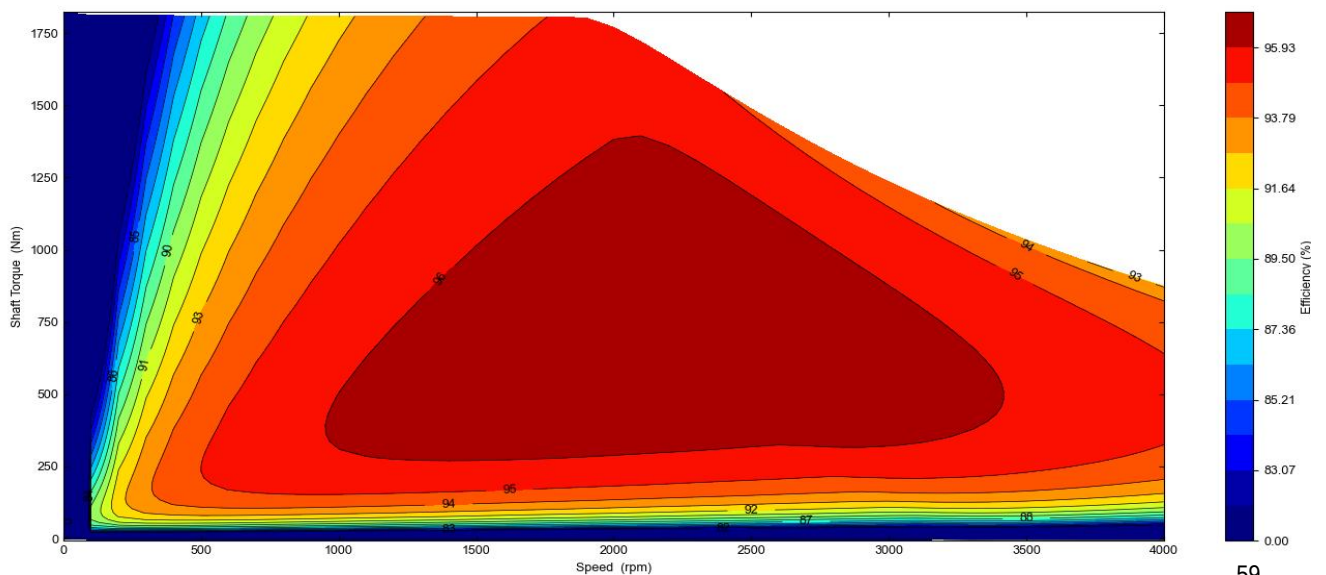
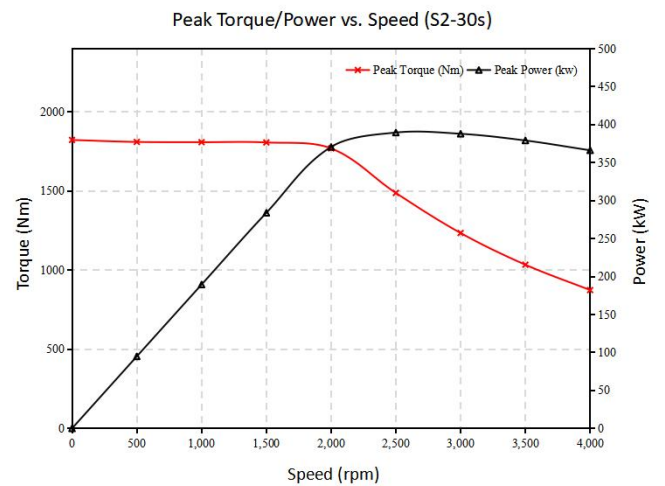


Motor Performance @ 2000rpm (290mm OD / 360mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	1,140.3	0.0
500	1,129.6	59.1
1,000	1,128.2	118.1
1,500	1,126.8	177.0
2,000	1,097.6	229.9
2,500	849.8	222.5
3,000	654.6	205.6
3,500	485.2	177.8
4,000	360.1	150.8

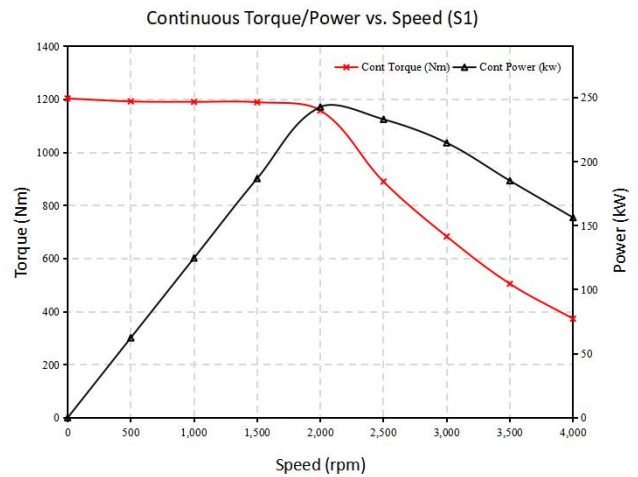


Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,822.8	0.0
500	1,810.3	94.8
1,000	1,808.7	189.4
1,500	1,807.0	283.8
2,000	1,769.4	370.6
2,500	1,488.0	389.5
3,000	1,234.8	387.9
3,500	1,034.3	379.1
4,000	874.1	366.1



Motor Performance @ 2000rpm (290mm OD / 380mm Stack Stator)

Continuous Performance (S1)		
Speed (rpm)	Cont Torque (Nm)	Cont Power (kw)
0	1,203.7	0.0
500	1,192.4	62.4
1,000	1,190.9	124.7
1,500	1,189.4	186.8
2,000	1,158.5	242.6
2,500	890.2	233.0
3,000	683.3	214.7
3,500	505.0	185.1
4,000	373.2	156.3



Peak Performance (S2-30s)		
Speed (rpm)	Peak Torque (Nm)	Peak Power (kw)
0	1,924.1	0.0
500	1,910.9	100.0
1,000	1,909.2	199.9
1,500	1,907.4	299.6
2,000	1,856.6	388.8
2,500	1,553.8	406.8
3,000	1,287.4	404.4
3,500	1,077.0	394.7
4,000	909.7	381.0

