1     0.75     6     1128     905     230/460     60     3     3.8/1.6       Enclosure     IP     Ins. Class     S.F.     Duty     Non. Eff.     IEC Design     kVA Code     Ambler Temp. ('       TEFC     55     F (')     1.15     S1     IE3-82.5     N     -     40       Inventer Duty     Inventer Duty     Inventer Duty     Efficiency (%)     Power Factor (%)     40       coad     HP     kW     Amperes     Efficiency (%)     Power Factor (%)     40       inventer Duty     0.75     1.6     82.8     74.8     4     4     44.04     0.5     0.375     1.1     80.4     54.4     4     4     4.0ad     0.25     0.1875     1.0     71.3     34.7     34.7       No Load     0.25     0.1875     1.0     71.3     0.2     2     2     2     2     2     2     0.0     3     0.2     3     0.0     2     2     3     2     4     2						Issued Date		Doc. #	382-R0
IPICAL MOTOR PERFORMANCE DATA     Mode:   MEGPOX756E3TBL   Serie:   EC Graphene     1   0.75   6   1128   905   230460   60   3   33816     Enclosure   IP   Ins. class   S.F.   Duty   Nom. Eff.   IEC Design   KVA Code   Ambienting     TEC   55   F(°)   1.15   S1   16342.5   N   -   40     Inverter Duty	Tac	bid	~		L	Issued By	LD	Issued Rev	0
Image: constraint of the second sec	IUS	mu	ТҮР	ICAL MOTO		ANCE DATA			
1     0.75     6     1128     905     230460     60     3     3.86.6       Enclosure     IP     Ins. Class     S.F.     Duty     Nom. Eff.     IEC Design     KVA Code     Ambier Temp. (*       TEFC     55     F (*)     1.15     S1     IE3.82.5     N     -     40       Inventer Duty     Inventer Duty     Amperes     Efficiency (%)     Power Factor (%)     10       coad     HP     KW     Amperes     Efficiency (%)     Power Factor (%)     14       unventer Duty     0.5625     1.3     82.5     67.1     14       4 Load     0.5     0.375     1.1     80.4     54.4       4 Load     0.25     0.1875     1.0     71.9     34.7       to Load     0.7     0.7     0.2     0.2     0.2       Full Load     Locked Rotor     Pull Up     Break Down (% FLT)     (% FLT)     (% G.FT)     (% G.FT)       6.3     224.6     225.0     295.8     0.005     0.005     0.00	Model:	MEGP0X756E	3TBL			Serie:	IEC Graphene		
Enclosure     IP     Ins. Class     S.F.     Duty     Nom. Eff.     IEC Design     KVA Code     Ambiar Temp. (r 40       TEFC     55     F(*)     1.15     S1     IE3-82.5     N     -     40       Inventer Duty     Inventer Duty     Isaac.5     N     -     40       coad     HP     KW     Amperes     Efficiency (%)     Power Factor (%)       coad     1     0.75     1.6     82.6     74.8       4 Load     0.5     0.375     1.1     80.4     54.4       4 Load     0.25     0.1875     1.0     71.9     34.7       No Load     0.25     0.1875     1.0     71.9     0.2       Torque     Torque     Rotor Inc       Full Load     Locked Rotor     Pull Up (% FLT)     (% FLT)     (% FLT)     (Kg.mi       6.3     224.6     225.0     295.8     0.0055     0.0055       Safe Stall Time(s)     Sound Pressure dB(A)@ 1M     DE     NDE     (kg)     4	HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
Enclosure     IP     Ins. Class     S.F.     Duty     Non. Eff.     IEC Design     KVA Code     Temp. ('       TEFC     55     F (')     1.15     S1     IE3-82.5     N     -     40       Inventer Duty	1	0.75	6	1128	90S	230/460	60	3	3.36/1.68
TEFC     55     F (*)     1.15     S1     IE3-82.5     N     -     40       Inventer Duty     Inventer Duty     Amperes     Efficiency (%)     Power Factor (%)     Imperes     Power Factor (%)     Power Factor (%)     Power Factor (%)     Imperes     63     74.8     74.9	Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient
Acad     HP     KW     Amperes     Efficiency (%)     Power Factor (%)       Vull Load     1     0.75     1.6     82.6     74.8       4 Load     0.75     0.5625     1.3     82.5     67.1       5 Load     0.5     0.375     1.1     80.4     54.4       4 Load     0.5     0.375     1.1     80.4     54.4       4 Load     0.25     0.1875     10     71.9     34.7       10 Load     0.7     17.9     0.2     0.2     0.2       Torque     0.7     0.2       Full Load     Locked Rotor     Pull Up     Break Down     (Kg.mi       6.3     224.6     225.0     295.8     0.0055       Safe Stall Time(s)     Sound Pressure dB(A) @ 1M     DE     NDE     Approx. Motor Weight       45.5/18.5     -     6205/22.G3     6203/22.G3     24	TEFC	55	F (*)	1.15	S1	IE3-82.5	Ν	-	
Safe Stall Time(s)     Sound Pressure dB(A) @ 1M     Sound Pressure dB(A) @ 1M     Pull Up (% FLT)     Break Down (% FLT)     Rotor Ine (% FLT)       Safe Stall Time(s)     Sound Pressure dB(A) @ 1M     Sound Pressure dB(A) @ 1M     Bearings*     Approx. Motor Weight (kg)       At Sold Accessories:     -     6205/22 C3     6203/22 C3     24	Inventer Duty		• •						
ull Load     1     0.75     1.6     82.6     74.8       4 Load     0.75     0.5625     1.3     82.5     67.1       4 Load     0.5     0.375     1.1     80.4     54.4       4 Load     0.25     0.1875     1.0     71.9     34.7       10 Load     0.25     0.1875     1.0     71.9     0.2       0 coded Rotor     0.7     17.9     0.2       Full Load     Locked Rotor     Pull Up     Break Down       (N-m)     (% FLT)     (% FLT)     (% FLT)     (% Gum       6.3     224.6     225.0     295.8     0.005	oad	HP	kW	Amp	Power Fac	ctor (%)			
A Load     0.75     0.5625     1.3     82.5     67.1       6 Load     0.5     0.375     1.1     80.4     54.4       4 Load     0.25     0.1875     1.0     71.9     34.7       Io Load     0.2     0.1875     0.1     0.2     0.2       Coded Rotor     9.1     0.2     Rotor Ine     Rotor Ine       Full Load     Locked Rotor     Pull Up     Break Down     (Kg.mit)       6.3     224.6     225.0     295.8     0.0055       Safe Stall Time(s)     Sound Pressure dB(A) @ 1M     DE     NDE     (kg)       45.5/18.5     -     6205/22 C3     6203/22 C3     24       Bearings are the only recommended spare part(s).		1	0.75						
Cold     In     I		0.75	0.5625	1.	3	82.5			
Io Load 0.7 17.9   .ocked Rotor 9.1 0.2     Full Load Locked Rotor Pull Up Break Down   (N-m) (% FLT) (% FLT) (% FLT)   6.3 224.6 225.0 295.8     Safe Stall Time(s) Sound Bearings* Approx. Motor Weight   Cold / Hot Pressure dB(A) @ 1M DE NDE (kg)   45.5/18.5 - 6205/22 C3 6203/22 C3 24	2 Load	0.5	0.375	1.	1	80.4		54.4	1
Safe Stall Time(s) Sound Pressure dB(A) @ 1M Bearings* Approx. Motor Weight (kg)   Safe Stall Time(s) Sound dB(A) @ 1M DE NDE (kg)   45.5/18.5 - 6205/2Z C3 6203/2Z C3 24	4 Load	0.25	0.1875	1.	0	71.9		34.7	7
Torque Rotor Ine   Full Load Locked Rotor Pull Up Break Down (Kg-mi   (N-m) (% FLT) (% FLT) (% FLT) (Kg-mi   6.3 224.6 225.0 295.8 0.0055   Safe Stall Time(s) Sound Bearings* Approx. Motor Weight   Cold / Hot dB(A) @ 1M DE NDE (kg)   45.5/18.5 - 6205/2Z C3 6203/2Z C3 24	lo Load			0.	7			17.9	)
Full Load Locked Rotor Pull Up Break Down   (N-m) (% FLT) (% FLT) (% FLT) (Kg-m²)   6.3 224.6 225.0 295.8 0.0055   Safe Stall Time(s) Sound Pressure dB(A) @ 1M Bearings* Approx. Motor Weight (kg)   45.5/18.5 - 6205/2Z C3 6203/2Z C3 24	ocked Rotor			9.	1			0.2	
Safe Stall Time(s) Sound Pressure dB(A) @ 1M Bearings* Approx. Motor Weight (kg)   45.5/18.5 - 6205/2Z C3 6203/2Z C3 24	(N-m	)	(% F	LT)	(%	FLT)	(%	FLT)	(Kg-m²)
Pressure dB(A) @ 1M Pressure dB(A) @ 1M Bearings* Approx. Motor Weight (kg)   45.5/18.5 - 6205/2Z C3 6203/2Z C3 24	-	)							(Kg-m²) 0.0055
Pressure dB(A) @ 1M Pressure dB(A) @ 1M Bearings* Approx. Motor Weight (kg)   45.5/18.5 - 6205/2Z C3 6203/2Z C3 24									
Cold / Hot     dB(A) @ 1M     DE     NDE     (kg)       45.5/18.5     -     6205/2Z C3     6203/2Z C3     24	Safe Stall 1	īime(s)			Beari	ings*		Approx. Mot	or Weight
45.5/18.5 - 6205/2Z C3 6203/2Z C3 24   Bearings are the only recommended spare part(s).	Cold / I	lot		D	E	NDE		(kg	)
ncluded Accessories:	45.5/18	3.5	-	6205/2	2Z C3	6203/2Z	C3		
TC Thermistor			re part(s).						
I characteristics are average expected values		arage expected w	alues						
Il characteristics are average expected values.      Engineering   Doc. Written By   Doc.# / Rev   MEGP0X756E3TBL		erage expected v	alues.		Doc. Written By		Doc.# / Rev	MEGP0X75	6E3TBL

						Issued Date	11/14/2022	Doc. #	382-R0
7		bida				Issued By	LD	Issued Rev	0
	us	shida							
			S	PEED TORQ	UE/CURREN	IT CURVE			
	Model	MEGP0X756E3T	ſBI			Sorio	IEC Graphene		
	wouer.	MEGF 0X7 JOEJ 1	DL			Serie.			
F	HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
	1	0.75	6	1128	90S	230/460	60	3	3.36/1.68
Encl	losure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TE	EFC	55	F (*)	1.15	S1	IE3-82.5	Ν	-	40
Locke	d Rotor	Rotor Inertia				Torque			
	mps	(Kg-m2)	Full Load (N-m)	Locked		Pull L		Break D	
0	14	0.0055	. ,	<b>(%</b> 224		<b>(%)</b> 225.0		<b>(%)</b> 295.	
9.	9.14	0.0055	6.3	224	r.u	225.0	,	295.	.0
	25							9	)
	25							10	)
								9	
	20 -							8	
	-							7	
N-I	15							6	(Þ
(M-N)eup	-							5	Current(A)
nb	10							4	Curr
								3	0
Tor	-								
Tol	5							2	
Tol	5 -							2	
Toi	0							1	
To	-	0.9	0.8 0.7		0.5 0.			1	
Tol	0	0.9	0.8 0.7	7 0.6 Slip (p		4 0.3	0.2 0 Torque	1	
To	0	0.9	0.8 0.7					1	
Toi	0	0.9	0.8 0.					1	
To	0	0.9	0.8 0.					1	
To	0	0.9	0.8 0.					1	
To	0	0.9	0.8 0.					1	
To	0	0.9	0.8 0.					1	
To	0	0.9	0.8 0.					1	
	0 1							1	
	0 1	verage expected value						1	6E3TBL

					Issued Date	11/14/2022	Doc. #	382-R0
Tas	hide	Y			Issued By	LD	Issued Rev	0
IUS			Motor Co	onnection Dia	agram			
					-			
Model:	MEGP0X756E3	3TBL			Serie:	IEC Graphene		
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amp
1	0.75	6	1128	90S	230/460	60	3	3.36/1.6
Inclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambie Temp. (
TEFC	55	F (*)	1.15	S1	IE3-82.5	Ν	-	40
			U2 V2 W2 U3 V3 W U1 V1 W L1 L2 L (2Y)	.3 L1	V1  W1  L2 L3 (1Y)			
			PI	ГС Diagram				
			P	P1 P2				
aracteristics are ave	erage expected va	lues.						

Doc. Approved By

Doc. Issued

Engr. Date

