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

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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	. ,	(% 224		(%) 225.0		(%) 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

