Image: Descent in the second secon		ITPI	CAL MOTO FL RPM 3580 S.F. 1.15 Ampe 196 151. 108	Frame 315M Duty S1 Pres 8	Voltage 230/380/460 Nom. Eff. IE2-95.0 Efficien 95.	: IEC Graphene Hz 60 IEC Design N cy (%) 7	Issued Rev Phase 3 kVA Code - Power Fac 92.0	
Model: MEC HP 180 180 1 Enclosure 1 TEFC 1 * Inventer Duty 1 Load 1 % Load 1 % Load 1 % Load 1 % Load 1	GP01322D2 kW 132 IP 55 HP 180 135 90	Pole 2 Ins. Class F (*) kW 132 99 66	FL RPM 3580 S.F. 1.15 Ampe 196 151	Frame 315M Duty S1 Pres 8	Serie Voltage 230/380/460 Nom. Eff. IE2-95.0 Efficien 95.	: IEC Graphene Hz 60 IEC Design N Cy (%) 7	3 kVA Code - Power Fac	407/235/204 Ambient Temp. (°C 40 ctor (%)
HP 180 Enclosure TEFC * Inventer Duty Load % Load % Load % Load No Load	kW 132 IP 55 HP 180 135 90	Pole 2 Ins. Class F (*) kW 132 99 66	3580 S.F. 1.15 Ampe 196 151.	315M Duty S1 Pres 8	Voltage 230/380/460 Nom. Eff. IE2-95.0 Efficien 95.	Hz 60 IEC Design N	3 kVA Code - Power Fac	407/235/204 Ambient Temp. (°C 40 ctor (%)
180 Enclosure TEFC 'Inventer Duty Load 4 Load 4 Load 4 Load	132 IP 55 HP 180 135 90	2 Ins. Class F (*) kW 132 99 66	3580 S.F. 1.15 Ampe 196 151.	315M Duty S1 Pres 8	230/380/460 Nom. Eff. IE2-95.0 Efficien 95.	60 IEC Design N cy (%)	3 kVA Code - Power Fac	407/235/204 Ambient Temp. (°C 40 ctor (%)
Enclosure TEFC * Inventer Duty Load Full Load ½ Load ½ Load ¼ Load ½ Load ½ Load	IP 55 HP 180 135 90	Ins. Class F (*) kW 132 99 66	S.F. 1.15 Ampe 196 151.	Duty S1	Nom. Eff. IE2-95.0 Efficien 95.	IEC Design N cy (%) 7	kVA Code - Power Fac	Ambient Temp. (°C 40 ctor (%)
TEFC TEFC Terms of the second	55 HP 180 135 90	F (*) kW 132 99 66	1.15 Ampe 196 151	S1 Pres .8	IE2-95.0 Efficien 95.	N Cy (%) 7	- Power Fac	Temp. (°C 40 ctor (%)
Inventer Duty oad Full Load 4 Load 4 Load 4 Load 4 Load 10 Load	HP 180 135 90	kW 132 99 66	Ampe 196 151	e res 8	Efficien 95.	cy (%) 7	Power Fac	40 ctor (%)
Load Full Load 4 Load 4 Load 4 Load 10 Load	180 135 90	132 99 66	196. 151.	.8	95.	7		
Full Load 4 Load 2 Load 4 Load 4 Load 10 Load	180 135 90	132 99 66	196. 151.	.8	95.	7		
ull Load	180 135 90	132 99 66	196. 151.	.8	95.	7		
4 Load 2 Load 4 Load Io Load	135 90	99 66	151					•
2 Load	90	66		1	95.	6	89.9	9
4 Load				.0	95.	-	84.3	
			70.3	8	93.	1	65.7	
ocked Rotor			59.	5			35.5	
			1480).0			0.4	
(N-m)		(% F	LT)	(%	(% FLT) (%			
Full Load (N-m) 352.2		Locked (% F 219	LT)	Pull Up (% FLT) 214.1		Break Down (% FLT) 360.7		(Kg-m²) 1.5465
						<u> </u>		
Safe Stall Time	e(s)	Sound	Bearings*		nas*	Approx. Motor V		or Weight
Cold / Hot		Pressure dB(A) @ 1M	DE		NDE		(kg)	
2 Cold or 1 Hot		-	6317/C3		6317/C3		1180	
Bearings are the only recom	mended spare	e part(s).						
ncluded Accessories:								
PTC Thermistor								
Il characteristics are average	e expected va	lues.						
Engineering Engr. Date				Doc. Written By Doc. Approved By		Doc.# / Rev Doc. Issued	MEGP0132	2D2TBL

						Issued Date	11/14/2022	Doc. #	382-R0
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	as	shida			-				
			S	PEED TORC	QUE/CURREN	IT CURVE			
	Model	MEGP01322D2T	BI			Sorio	IEC Graphene		
	woder.		DL			Serie.			
	HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
	180	132	2	3580	315M	230/380/460	60	3	407/235/204
Enc	losure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
Т	TEFC	55	F (*)	1.15	S1	IE2-95.0	N	-	40
Lock	ed Rotor	Rotor Inertia				Torque			
	mps	(Kg-m2)	Full Load (N-m)	d Locked Rotor (%) 219.6		Pull Up (%) 214.1		8reak Down (%) 360.7	
	1480	1.5465	352.2						
								000.1	
	1400	Current vs Slip Curve and Torque vs Slip C					/e	16	500
	1400							16	500
	1200							14	400
	1000								200
W-I	800 -								
(M-N)eup	600							80	Current(A)
Torqu	-							60	Cur 00
F	400 -							40	00
	200 -							20	00
	0			- 0.0				0	
	1	0.9	0.8 0.		0.5 0.			0.1 0	
				Slip (p	ou) -	Current	- Torque		
II charac		verage expected value	es.						
	Engineering				Doc. Written By		Doc.# / Rev		
	Engr. Date	9			Doc. Approved By		Doc. Issued		

					Issued Date	11/14/2022	Doc. #	382-R0
					Issued By		Issued Rev	0
Tas	nda				L		Į	
			Motor Co	nnection Di	agram			
					Queies			
Model:	MEGP01322D2	IBL			- Serie:	IEC Graphene		
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
180	132	2	3580	315M	230/380/460	60	3	407/235/204
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C
TEFC	55	F (*)	1.15	S1	IE2-95.0	Ν	-	40
	۹۷ ۲۷ L1	V3 •W3 •U3 V1 •W1 •U1 L2 L3	♦ V1 ♦ W1		W2 U2 V W3 U3 V W1 U1 V L2 L3 L1	2 •W2 •U2 3 •W3 •U3 1 •W1 •U1 L2 L3		
	L1							
		(2 🛆)	(2Y)		△)	(1Y)		
			Y-	Only Start				
			PT P	C Diagram				
Il characteristics are ave	erage expected value	Jes.			1			
Engineering				Doc. Written By		Doc.# / Rev	MEGP01322	2D2TBL
Engr. Date				Doc. Approved By		Doc. Issued		

