Image: Designed of the system of th	FL Amp	Issued Rev	ļļ							
ITPICAL MOTOR PERFORMANCE DATA Model: MEGP00756D2TBL Serie: IEC Graphene HP KW Pole FL RPM Frame Voltage Hz Phase 100 75 6 1185 315S 230/380/460 60 3 Enclosure IP Ins. Class S.F. Duty Nom. Eff. IEC Design kVA Code TEFC 55 F (*) 1.15 S1 IE2-94.1 N - 'Inventer Duty - - - - - - - Load HP kW Amperes Efficiency (%) Power Fa Full Load 100 75 120.8 94.3 66 ½ Load 50 37.5 67.7 94.0 77 ½ Load 25 18.75 47.2 91.6 57 No Load 57.8 23 23 23 23 Locked Rotor 888.1 0.3<									_	
TPICAL MOTOR PERFORMANCE DATA Model: MEGP00756D2TBL Serie: IEC Graphene HP KW Pole FL RPM Frame Voltage Hz Phase 100 75 6 1185 315S 230/380/460 60 3 Enclosure IP Ins. Class S.F. Duty Nom. Eff. IEC Design kVA Code TEFC 55 F (*) 1.15 S1 IE2-94.1 N -								hido	Tas	
HP kW Pole FL RPM Frame Voitage Hz Phase 100 75 6 1185 315S 230/380/460 60 3 Enclosure IP Ins. Class S.F. Duty Nom. Eff. IEC Design kVA Code TEFC 55 F (°) 1.15 S1 IE2-94.1 N - .coad HP kW Amperes Efficiency (%) Power Factor .coad HP kW Amperes 94.3 86 4 Load 100 75 120.8 94.3 86 4 Load 50 37.5 67.7 94.0 77 4 Load 25 18.75 47.2 91.6 57 No Load 57.8 23 23 23 23 .cocked Rotor 888.1 0. 0. 0. 0.					RPERFUR		- IYP			
100 75 6 1185 315S 230/380/460 60 3 Enclosure IP Ins. Class S.F. Duty Nom. Eff. IEC Design kVA Code TEFC 55 F (*) 1.15 S1 IE2-94.1 N - .oad HP kW Amperes Efficiency (%) Power Fa suil Load 100 75 120.8 94.3 86 4 Load 75 56.25 93.0 94.4 84 4 Load 50 37.5 67.7 94.0 77 4 Load 25 18.75 47.2 91.6 57 No Load 57.8 23 23 24 24 .ocked Rotor 888.1 0.1 0.1 0.1 0.1			IEC Graphene	Serie			TBL	MEGP00756D2	Model:	
Enclosure IP Ins. Class S.F. Duty Nom. Eff. IEC Design kVA Code TEFC 55 F (*) 1.15 S1 IE2-94.1 N - Inventer Duty - - - - - - - .coad HP kW Amperes Efficiency (%) Power Factor Full Load 100 75 120.8 94.3 86 4 Load 75 56.25 93.0 94.4 84 4 Load 50 37.5 67.7 94.0 77 4 Load 25 18.75 47.2 91.6 57 No Load 57.8 23 23 23 23 .oocked Rotor 888.1 0. 0. 0.		Phase	Hz	Voltage	Frame	FL RPM	Pole	kW	HP	
TEFC 55 F (*) 1.15 S1 IE2-94.1 N - Inventer Duty	249/144/12	3	60	230/380/460	315S	1185	6	75	100	
Inventer Duty HP kW Amperes Efficiency (%) Power Fa iull Load 100 75 120.8 94.3 86 4 Load 75 56.25 93.0 94.4 84 4 Load 50 37.5 67.7 94.0 77 4 Load 25 18.75 47.2 91.6 57 lo Load 57.8 23 23 23 .ocked Rotor 888.1 0. 0. Torque Full Load Locked Rotor (N-m) Locked Rotor Pull Up Break Down (% FLT)	Ambien Temp. (°	kVA Code	IEC Design	Nom. Eff.	Duty	S.F.	Ins. Class	IP	Enclosure	
Accad HP kW Amperes Efficiency (%) Power Fa iull Load 100 75 120.8 94.3 86 4 Load 75 56.25 93.0 94.4 84 2 Load 50 37.5 67.7 94.0 77 4 Load 25 18.75 47.2 91.6 57 lo Load 25 18.75 47.2 91.6 57 lo Load 57.8 23 30. 37.5 57.8 23 cocked Rotor 888.1 0.1 0.1 0.1 0.1	40	-	N	IE2-94.1	S1	1.15	F (*)	55	TEFC	
Initial Coad 100 75 120.8 94.3 86 4 Load 75 56.25 93.0 94.4 84 4 Load 50 37.5 67.7 94.0 77 4 Load 25 18.75 47.2 91.6 57 Io Load 25 18.75 47.2 91.6 57 Io Load 57.8 23 23 23 .ocked Rotor 888.1 0. 0.									Inventer Duty	
Initial Coad 100 75 120.8 94.3 86 4 Load 75 56.25 93.0 94.4 84 4 Load 50 37.5 67.7 94.0 77 4 Load 25 18.75 47.2 91.6 57 Io Load 25 18.75 47.2 91.6 57 Io Load 57.8 23 23 23 .ocked Rotor 888.1 0. 0.	Power Factor (%)		Efficiency (%)		Amporos		L'IN/	ЦВ	ood	
A Load 75 56.25 93.0 94.4 84 A Load 50 37.5 67.7 94.0 77 A Load 25 18.75 47.2 91.6 57 Io Load 57.8 23 67.7 91.6 57 ocked Rotor 57.8 23 67.7 91.6 67.7 Full Load Locked Rotor 888.1 0.1 0.1 Full Load Locked Rotor Pull Up (% FLT) Break Down (% FLT) Break Down (% FLT)	86.4									
2 Load 50 37.5 67.7 94.0 77 2 Load 25 18.75 47.2 91.6 57 lo Load 57.8 23 388.1 23 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30	84.1									
4 Load 25 18.75 47.2 91.6 57 No Load 57.8 23 .ocked Rotor 888.1 0. Torque Full Load (N-m) Locked Rotor Pull Up (% FLT) Break Down (% FLT)	77.3									
Io Load 57.8 23 .ocked Rotor 888.1 0. Full Load Locked Rotor Pull Up Break Down (N-m) (% FLT) (% FLT) (% FLT)	57.0									
Socked Rotor 888.1 0.1 Torque Full Load (N-m) Locked Rotor (% FLT) Pull Up (% FLT) Break Down (% FLT)	23.1						10110			
Torque Full Load Locked Rotor Pull Up Break Down (N-m) (% FLT) (% FLT) (% FLT)	0.2	0.2					-			
605 279.5 143.2 229.0	(Kg-m²	FLT)								
	3.647									
Safe Stall Time(s) Sound Bearings* Approx. Mo	Motor Weight	Approx. Motor		Bearings*						
Cold / Hot	(kg)		NDE					lot	Cold / H	
	1136		C3	6319/C3 6319/						
Bearings are the only recommended spare part(s). ncluded Accessories: TC Thermistor							e part(s).		ncluded Accessori	

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	U 3	muu							
			5	PEED TORG	QUE/CURREN				
	Model:	MEGP00756D2T	BL			Serie:	IEC Graphene		
	HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
	100	75	6	1185	315S	230/380/460	60	3	249/144/124
Enc	losure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C
Т	EFC	55	F (*)	1.15	S1	IE2-94.1	Ν	-	40
Laska	d Deter	Deter Inertia				Torque			
	ed Rotor mps	Rotor Inertia (Kg-m2)	Full Load	Locked		Pull U		Break I	
		0.047	(N-m)	(%) 279.5		(%)		(%) 229.0	
8	88.1	3.647	605	279	0.0	143.2	<u> </u>	229.	.U
-M)	1300 - 1100 -							80	00
								60	$\overline{\mathbf{A}}$
N-N	900 -							50	
le(N-M	900 - 700 -								Ĕ
orque(N-M)	700 -							40	Curre of
Torque(N-M)	700 - 500 -							30	₀₀
Torque(N-M	700 - 500 - 300 -							30	00
Torque(N-M	700 - 500 - 300 - 100 -							30 20 10	00
Torque(N-M	700 - 500 - 300 -	0.9	0.8 0.	7 0.6	0.5 0.	4 0.3	0.2 0	30	00
Torque(N-M	700 - 500 - 300 - 100 -	0.9	0.8 0.			4 0.3	0.2 0	30 20 10 0	00
Torque(N-M	700 - 500 - 300 - 100 -	0.9	0.8 0.	7 0.6 Slip (p				30 20 10 0	00
Torque(N-M	700 - 500 - 300 - 100 -	0.9	0.8 0.					30 20 10 0	00
Torque(N-M	700 - 500 - 300 - 100 -	0.9	0.8 0.					30 20 10 0	00
Torque(N-M	700 - 500 - 300 - 100 -	0.9	0.8 0.					30 20 10 0	00
Torque(N-M	700 - 500 - 300 - 100 -	0.9	0.8 0.					30 20 10 0	00
Torque(N-M	700 - 500 - 300 - 100 -	0.9	0.8 0.					30 20 10 0	00
Torque(N-M	700 - 500 - 300 - 100 -	0.9	0.8 0.					30 20 10 0	00
Tor	700 - 500 - 300 - -100 - 1	0.9						30 20 10 0	00
Tor	700 - 500 - 300 - -100 - 1	verage expected value						30 20 10 0	

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Preprint prepreprepreprepreprepreprepreprepreprep	—						
Yet:	lashida	Motor Co	onnection Di		ıI		
НР КМ Робе FL RPM Frame Voltage Hz Phase FL Amps 100 75 6 1985 3155 200440155 Enclosure 10 3155 200441765 Enclosure 1P ins. Class S.F. Duty Nom. Eff. IEC Design KVA Code Ambient TEFC 55 F(7) 1.15 S1 IE284.1 N . 40 Visual Connection Diagram Visual Connection Diagram Visual Vis				agram			
100 75 6 1185 3155 230380460 60 3 2491441/24 Enclosure IP Ins. Class S.F. Duty Nom. Eff. IEC Design K/A Code Temp. (*C) TEFC 55 F(*) 1.15 S1 IE2.94.1 N - 40 12 Leads Connection Diagram V/4	Model: MEGP00756D2TBL			Serie:	IEC Graphene		
100 75 6 1185 3155 230380460 60 3 2491441/24 Enclosure IP Ins. Class S.F. Duty Nom. Eff. IEC Design K/A Code Temp. (*C) TEFC 55 F(*) 1.15 S1 IE2.94.1 N - 40 12 Leads Connection Diagram V/4	HP kW Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
Enclosure IP Ins. Class S.F. Duty Nom. Eff. IEC Design KVA Code Temp. (*c). TEFC 55 F(*) 1.15 S1 IE294.1 N - 40 Ins. Class S.F. Duty Nom. Eff. IEC Design KVA Code Temp. (*c). TEFC 55 F(*) 1.15 S1 IE294.1 N - 40 I2 Leads Connection Diagram V/4							249/144/124.5
12 Leads Connection Diagram $\sqrt{4}$	Enclosure IP Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
$\label{eq:productive} Vertex example expected values. $	TEFC 55 F (*)	1.15	S1	IE2-94.1	Ν	-	40
Engineering Doc. Written By Doc.# / Rev MEGP00756D2TBL	•V3 •W3 •U3 •V1 •W1 •U1 L1 L2 L3	• V3 • W3 • V1 • W1 L1 L2 (2Y) Y	•U3 •V3 U1 V1 L3 L1 (1. - Only Start	 W3 W3 W1 PU1 PV L2 L3 L1 	3		
	All characteristics are average expected values.		Dec Written Pur		Dec # / Pc	MECD0075	6D2TBI
Entry Light Line Annroved Kvi Line Legued						WEGP00/5	

