Sold & Serviced By:



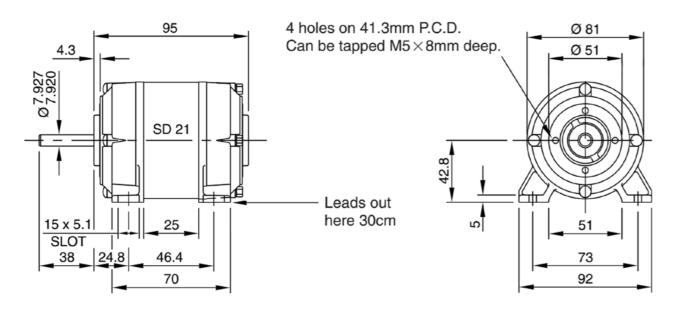
Toll Free Phone (877) SERV098
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www.electromate.com
sales@electromate.com



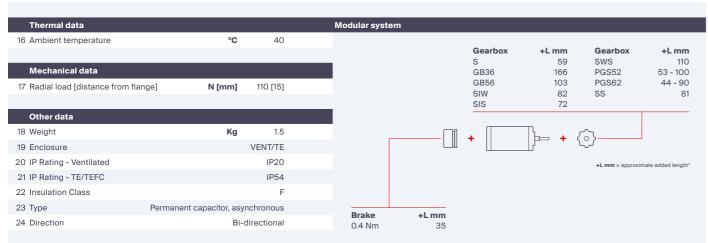


Parvalux Electric Motors Ltd. Product range catalogue AC motors 1

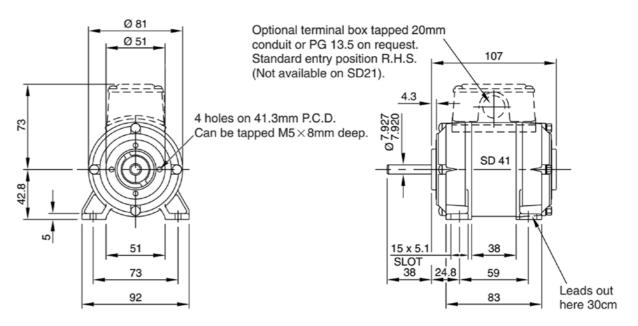
AC/DC series wound universal motors



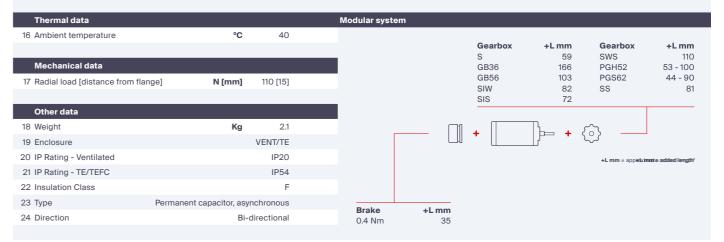
Part number key					th and diameter, sh	naft on both sides, special windings for specific voltages and speed, higher IP protection class, custom
Modular	######		nges and connector vte: Brakes are not a		-t-ll- Fl F	- Cooled states
Standard	######					recoiled motors. tes from EN60034-1:2010. As continuous improvement, Parvalux periodically test their product range to
Calculated data	######	ens	sure test results are	as accurate as pos	sible and are there	ear for esubject to change. Please ensure you are using the latest datasheets found on our website
Technical data						
1 Part number		-	-	-	-	
2 Phases		1	1	1	1	
3 Frequency	Hz	50	50	60	60	
4 Nominal voltage	V AC	230	230	115	230	
5 Nominal power	W	8	20	8	20	
6 Nominal speed	rpm	1400	2800	1700	3400	
7 Nominal continuous torque (S1)	Nm	0.06	0.07	0.05	0.06	
8 Nominal continuous current (S1)	Α	0.18	0.34	0.42	0.60	
9 Starting Current	Α	0.45	0.85	1.05	1.50	
10 Input Watts	W	40	80	40	80	
11 Capacitor Value	M.F.D	2.5	2.0	2.0	2.0	
12 Starting Torque Full Load	%	100	85	100	85	
13 Stack length	mm	25	25	25	25	
14 Number of poles		4	2	4	2	
15 Rotor inertia	Kg/cm ²	-	-	-	-	



*additional length may also be required for mounting flange between compone



Part number key			ailable on request:		h and diameter, sh	aft on both sides, s	special windings for	r specific voltages	and speed, higher IF	protection class, cus
Modular	######		rte: Brakes are not a		-4-ll- Fl F	010				
Standard	######					,	1:2010 An continue	un improvement	Donalus periodically	test their product ran
Calculated data	#####								latest datasheets fo	
Technical data										
1 Part number		-	-	-	-	-	-	-	-	
2 Phases		1	1	1	1	3	3	3	3	
3 Frequency	Hz	50	50	60	60	50	50	60	60	
4 Nominal voltage	VAC	230	230	115	115	400	400	230	230	
5 Nominal power	W	10	25	10	25	10	25	10	25	
6 Nominal speed	rpm	1400	2800	1700	3400	1400	2800	1700	3400	
7 Nominal continuous torque (S1)	Nm	0.07	0.09	0.06	0.07	0.09	0.10	0.07	0.08	
8 Nominal continuous current (S1)	Α	0.20	0.25	0.60	0.70	0.14	0.14	-	-	
9 Starting Current	Α	0.50	0.63	1.50	1.75	0.35	0.35	0	0	
0 Input Watts	W	40	65	-	-	47	58	-	-	
11 Capacitor Value	M.F.D	3	2.5	10	8.4	-	-	-	-	
2 Starting Torque Full Load	%	100	100	100	100	150	150	150	150	
3 Stack length	mm	38	38	38	38	38	38	38	38	
4 Number of poles		4	2	4	2	4	2	4	2	
5 Rotor inertia	Kg/cm ²	-	-	-	-	-	-	-	-	



*additional length may also be required for mounting flange between component

Part number key		Av	allable on request:	2 speed motor typ	e, custom shaft ler	igth and diameter,	shaft on both sides	, special windings	for specific voltages	and speed, higher IP prote		
Modular Standard	######	No	te: Brakes are not a	vailable on TEFC (T	otally Enclosed Far	n Cooled) motors.			ct sales for further de			
Calculated data	######	All products are built in accordance to performance tolerances from EN60034-12010. As continuous improvement, Parvalux pressure test results are as accurate as possible and are therefore subject to change. Please ensure you are using the latest data										
Technical data												
1 Part number		-	-	-	-	-	-	-	-			
2 Phases		1	1	1	1	3	3	3	3			
3 Frequency	Hz	50	50	60	60	50	50	60	60			
4 Nominal voltage	V AC	230	230	115	115	400	400	230	230			
5 Nominal power	w	35	60	35	60	35	60	35	60			
6 Nominal speed	rpm	1400	2800	1700	3400	1400	2800	1700	3400			
7 Nominal continuous torque (S1)	Nm	0.24	0.20	0.20	0.17	0.24	0.20	0.20	0.17			
8 Nominal continuous current (S1)	Α	0.3	0.57	-	-	0.24	0.24	-	-			
9 Starting Current	Α	0.75	1.42	0	0	0.60	0.60	0	0			
10 Input Watts	W	75	127	75	127	80	105	80	105			
11 Capacitor Value	M.F.D	2.5	4.0	2.5	4.0	-	-	-	-			
12 Starting Torque Full Load	%	85	75	85	75	200	200	200	200			
13 Stack length	mm	37	37	37	37	37	37	37	37			
14 Number of poles		4	2	4	2	4	2	4	2			
15 Rotor inertia	Kg/cm ²	-	-	-	-	-	-	-	-			

Thermal data			Modular system	1				
6 Ambient temperature	°C	40						
			Gearbox	+L mm	Gearbox	+L mm	Gearbox	+L m
Mechanical data			S M	59 85	GB36 MIW	166 83	LWS LIS	1
7 Radial load [distance from flang	je] N [mm]	150 [15]	GB28	85	MWS	110	PGS62	44 -
			GB4/41 GB12	110 110	MIS LIW	95 102	PGS71	49 -
Other data								
8 Weight	Kg	2.8			+	Th	₹63 <u> </u>	
9 Enclosure		VENT/TE		— <u> </u>	T			
0 IP Rating - Ventilated		IP20					+L mm = approxin	nate added len
1 IP Rating - TE/TEFC		IP54						
2 Insulation Class		F						
3 Туре	Permanent capacitor, asy	nchronous						
4 Direction	Bi-c	directional	Brake 0.4 Nm	+L mm 35				

*additional length may also be required for mounting flange between compone

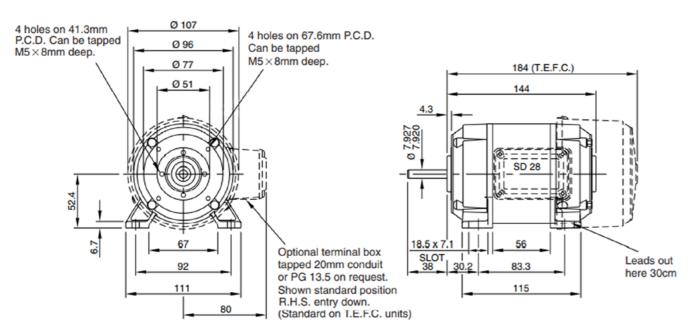
Ø 96 4 holes on 41.3mm P.C.D. Can be tapped M5×8mm deep. Ø 77 Ø 51 Tapped 20mm 128 conduit or PG 13.5 on request. Ø 7.927 7.920 4 holes on 67.6mm P.C.D. **SD 38** Can be tapped M5×8mm deep. 52.4 18.5 x 7.1 67 SLOT 38 92 96 111

Part number key		Ava	ailable on request:	2 speed and synch	nronous, custom sl	naft length and dia	meter, shaft on both	sides, special win	dings for specific vo	Itages and speed, higher IP
Modular	######			-			ds available (900 &	1200 rpm), please	contact sales for fu	rther details.
Standard	######		te: Brakes are not a		-		1:2010 As continue	nus improvement	Parvaluy periodically	test their product range to
Calculated data	######								latest datasheets fo	
Technical data										
1 Part number		-	-	-	-	-	-	-	-	
2 Phases		1	1	1	1	3	3	3	3	
3 Frequency	Hz	50	50	60	60	50	50	60	60	
4 Nominal voltage	V AC	230	230	115	115	400	400	230	230	
5 Nominal power	W	35	60	35	60	35	60	35	60	
6 Nominal speed	rpm	1400	2800	1700	3400	1400	2800	1700	3400	
7 Nominal continuous torque (S1)	Nm	0.24	0.20	0.20	0.17	0.24	0.20	0.20	0.17	
8 Nominal continuous current (S1)	Α	0.30	0.57	-	-	0.24	0.24	-	-	
9 Starting Current	Α	0.75	1.43	0	0	0.60	0.60	0	0	
10 Input Watts	W	75	127	75	127	80	105	80	105	
11 Capacitor Value	M.F.D	2.5	4.0	2.5	4.0	-	-	-	-	
12 Starting Torque Full Load	%	85	75	85	75	200	200	200	200	
13 Stack length	mm	37	37	37	37	37	37	37	37	
14 Number of poles		4	2	4	2	4	2	4	2	
15 Rotor inertia	Kg/cm ²	-	-	-	-	-	-	-	-	

Thermal data			Modular system					
6 Ambient temperature	°C	40	Gearbox	+L mm	Gearbox	+L mm	Gearbox	+L mm
Mechanical data			S M	59 85	GB36 MIW	166 83	LWS LIS	127 108
7 Radial load [distance from flange]	N [mm]	150 [15]	GB28 GB4/41 GB12	85 110 110	MWS MIS LIW	110 95 102	PGS62 PGS71	44 - 90 49 - 99
Other data								
8 Weight	Kg	2.9		[+	The .		
9 Enclosure	V	ENT/TEFC			T			
0 IP Rating - Ventilated		IP20					+L mm = approxima	te added length
21 IP Rating - TE/TEFC		IP54						
2 Insulation Class		F						
3 Type Pe	ermanent capacitor, asyr	nchronous						
4 Direction	Bi-c	directional	Brake 0.4 Nm	+L mm 35				

*additional length may also be required for mounting flange between component



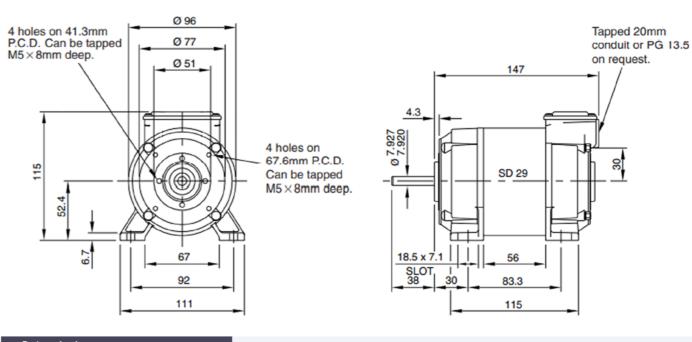


Wodulai	************	Not	te: Brakes are not a	vailable on TEEC (T	otally Enclosed Far	n Cooled) motors.				
Standard	#####						1:2010. As continue	ous improvement.	Parvalux periodically	test their product range
Calculated data	######	ens	ure test results are	as accurate as pos	ssible and are there	efore subject to cha	inge. Please ensure	e you are using the	latest datasheets fo	and on our website
Technical data										
1 Part number		-	-	-	-	-	-	-	-	
2 Phases		1	1	1	1	3	3	3	3	
3 Frequency	Hz	50	50	60	60	50	50	60	60	
4 Nominal voltage	V AC	230	230	115	115	400	400	230	230	
5 Nominal power	W	55	100	55	100	55	120	55	120	
6 Nominal speed	rpm	1400	2800	1700	3400	1400	2800	1700	3400	
7 Nominal continuous torque (S1)	Nm	0.38	0.34	0.31	0.28	0.38	0.41	0.38	0.41	
8 Nominal continuous current (S1)	Α	0.41	0.76	-	-	0.28	0.36	-	-	
9 Starting Current	Α	1.03	1.90	0	0	0.70	0.90	0	0	
10 Input Watts	W	100	185	100	185	100	185	100	185	
11 Capacitor Value	M.F.D	3.0	6.0	3.0	6.0	-	-	-	-	
12 Starting Torque Full Load	%	85	85	85	85	150	150	150	150	
13 Stack length	mm	56	56	56	56	56	56	56	56	
14 Number of poles		4	2	4	2	4	2	4	2	
15 Rotor inertia	Kg/cm ²	_	_	_	_	_	_	_	-	

Thermal data			Modular system					
6 Ambient temperature	°C	40	Gearbox	+L mm	Gearbox	+L mm	Gearbox	+L n
Mechanical data			S M	59 85	GB36 MIW	166 83	LWS LIS	1
7 Radial load [distance from flange	e] N [mm]	150 [15]	GB28 GB4/41 GB12	85 110 110	MWS MIS LIW	110 95 102	PGS62 PGS71	44 - 49 -
Other data								
8 Weight	Kg	3.6			+	T	<i>ب</i> ری	
9 Enclosure	VI	ENT/TEFC			T	<u></u>	(°) ——	
0 IP Rating - Ventilated		IP20					+L mm = approxim	nate added le
21 IP Rating - TE/TEFC		IP54						
2 Insulation Class		F						
3 Type	Permanent capacitor, asyn	chronous						
4 Direction	Bi-d	irectional	Brake 0.4 Nm	+L mm 35				

*additional length may also be required for mounting flange between componen

SD29 AC motor 096 mm frame // 56 mm stack



Part number key		Av	ailable on request:	custom shaft leng	th and diameter, sh	aft on both sides, s	pecial windings for	specific voltages	and speed, higher IP	protection class, cust
Modular	######		nges and connectors te: Brakes are not a		Catally Facilities of Facilities	010				
Standard	######				-		1-2010 As continue	nus improvement l	Parvaluy periodically	test their product rang
Calculated data	#####								latest datasheets for	
Technical data										
1 Part number		-	-	-	-	-	-	-	-	
2 Phases		1	1	1	1	3	3	3	3	
3 Frequency	Hz	50	50	60	60	50	50	60	60	
4 Nominal voltage	V AC	230	230	115	115	400	400	230	230	
5 Nominal power	W	55	100	55	100	55	120	55	120	
6 Nominal speed	rpm	1400	2800	1700	3400	1400	2800	1700	3400	
7 Nominal continuous torque (S1)	Nm	0.38	0.34	0.31	0.28	0.38	0.41	0.38	0.41	
8 Nominal continuous current (S1)	Α	0.41	0.76	-	-	0.28	0.36	-	-	
9 Starting Current	Α	1.03	1.90	0	0	0.70	0.90	0	0	
10 Input Watts	W	100	185	100	185	100	185	100	185	
11 Capacitor Value	M.F.D	3.0	6.0	3.0	6.0	-	-	-	-	
12 Starting Torque Full Load	%	85	85	85	85	150	150	150	150	
13 Stack length	mm	56	56	56	56	56	56	56	56	
14 Number of poles		4	2	4	2	4	2	4	2	
15 Rotor inertia	Kg/cm ²	-	-	-	-	-	-	_	_	

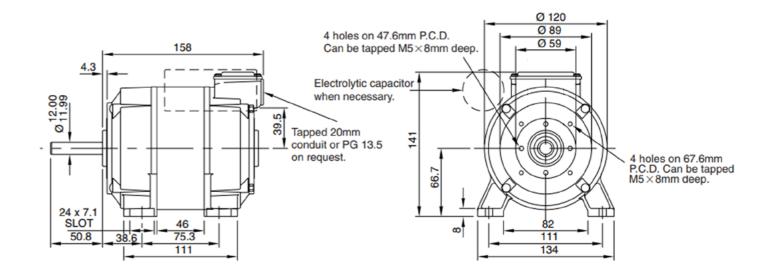
Thermal data			Modular system					
6 Ambient temperature	°C	40	Gearbox	+L mm	Gearbox	+L mm	Gearbox	+L m
Mechanical data			S M	59 85	GB36 MIW	166 83	LWS LIS	1:
7 Radial load [distance from flat	nge] N [mm]	150 [15]	GB28 GB4/41 GB12	85 110 110	MWS MIS LIW	110 95 102	PGS62 PGS71	44 - 9 49 - 9
Other data								
8 Weight	Kg	3.6	_		+	Tb= + .	<i>⟨</i> ⟨⟨⟩⟩	
9 Enclosure	V	'ENT/TEFC			, T		200	
0 IP Rating - Ventilated		IP20					+L mm = approxin	nate added leng
21 IP Rating - TE/TEFC		IP54						
2 Insulation Class		F						
3 Type	Permanent capacitor, asy	nchronous	Dooles					
4 Direction	Bi-	directional	Brake 0.4 Nm	+L mm 35				

*additional length may also be required for mounting flange between componen

Part number key		Av	ailable on request:	synchronous moto	r type, custom sha	ft length and diame	eter, shaft on both s	sides, special wind	ngs for specific volta	iges and speed, higher IP
Modular Standard Calculated data	###### ###### ######	No All	te: Brakes are not a	vailable on TEFC (T	otally Enclosed Far	n Cooled) motors.	1:2010. As continu	ous improvement,	Parvalux periodically latest datasheets fo	test their product range to
Technical data										
1 Part number		-	-	-	-	-	-	-	-	
2 Phases		1	1	1	1	3	3	3	3	
3 Frequency	Hz	50	50	60	60	50	50	60	60	
4 Nominal voltage	V AC	230	230	115	115	400	400	230	230	
5 Nominal power	W	100	150	100	150	125	190	125	190	
6 Nominal speed	rpm	1400	2800	1700	3400	1400	2800	1700	3400	
7 Nominal continuous torque (S1)	Nm	0.68	0.51	0.56	0.42	0.85	0.65	0.70	0.53	
8 Nominal continuous current (S1)	Α	0.76	1.20	-	-	0.44	0.46	-	-	
9 Starting Current	A	1.9	3.0	0	0	1.1	1.2	0	0	
10 Input Watts	W	180	290	180	290	210	273	210	273	
11 Capacitor Value	M.F.D	6.0	8.4	6.0	8.4	-	-	-	-	
12 Starting Torque Full Load	%	75	80	75	80	200	200	200	200	
13 Stack length	mm	46	46	46	46	46	46	46	46	
14 Number of poles		4	2	4	2	4	2	4	2	
15 Rotor inertia	Kg/cm ²	-	-	-	-	-	-	-	-	

Thermal data			Modular system	n				
16 Ambient temperature	°C	40						
			Gearbox M	+L mm 85	Gearbox LIW	+L mm 102	Gearbox PGS71	+L mn 49 - 99
Mechanical data			GB4/41	110	LWS	102	PGS/1 PGS80	52 - 102
17 Radial load [distance from flange]	N [mm]	200 [15]	GB12	110	LIS	108	PGS90	57 - 107
			GB9	138	PGS62	44 - 90		
Other data								
18 Weight	Kg	5.4			+	¬ь +	(6}	
19 Enclosure	VE	NT/TEFC			T		70°7	
20 IP Rating - Ventilated		IP20					+L mm = approxin	nate added lengt
21 IP Rating - TE/TEFC		IP54						
22 Insulation Class		F						
23 Type Pe	rmanent capacitor, asyn	chronous						
		rectional	Brake	+L mm				

*additional length may also be required for mounting flange between compone

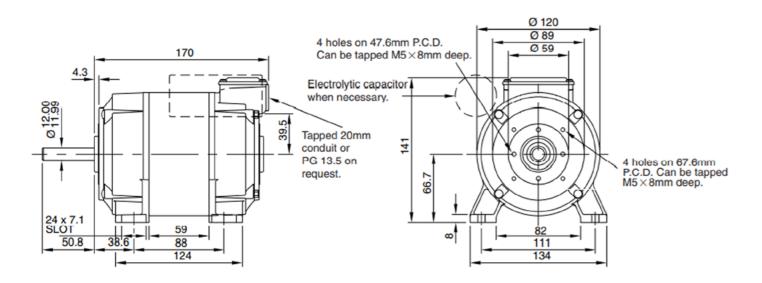


Modular	######	speed, higher IP protection class, custom flanges and connectors. Additional motor output speeds available (900 & 1200 rpm), please contact sales fo						ntact sales for furti		
		Note: Brakes are not available on TEFC (Totally Enclosed Fan Cooled) motors.								
Standard	#####	All products are built in accordance to performance tolerances from EN60034-12010. As continuous improvement, Parvalux periodically test their product ensure test results are as accurate as possible and are therefore subject to change. Please ensure you are using the latest datasheets found on our websit								
Calculated data	#####									
Technical data										
Part number		-	-	-	-	-	-	-	-	
Phases		1	1	1	1	3	3	3	3	
Frequency	Hz	50	50	60	60	50	50	60	60	
Nominal voltage	V AC	230	230	115	115	400	400	230	230	
Nominal power	W	100	150	100	150	125	190	125	190	
Nominal speed	rpm	1400	2800	1700	3400	1400	2800	1700	3400	
Nominal continuous torque (S1)	Nm	0.68	0.51	0.56	0.42	0.85	0.65	0.70	0.53	
Nominal continuous current (S1)	Α	0.76	1.20	-	-	0.44	0.46	-	-	
Starting Current	Α	1.9	3.0	0	0	1.1	1.2	0	0	
Input Watts	W	180	290	180	290	210	273	210	273	
Capacitor Value	M.F.D	6.0	8.4	6.0	8.4	-	-	-	-	
Starting Torque Full Load	%	75	80	75	80	200	200	200	200	
Stack length	mm	46	46	46	46	46	46	46	46	
Number of poles		4	2	4	2	4	2	4	2	
Rotor inertia	Kg/cm ²	_	_	_	_	_	_	_	_	

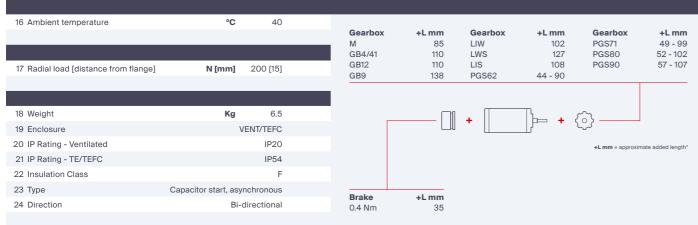
Thermal data			Modular syste	em				
16 Ambient temperature	°C	40	Gearbox	+L mm	Gearbox	+L mm	Gearbox	+L mn
Mechanical data			M GB4/41	85 110	LIW LWS	102 127	PGS71 PGS80	49 - 9 52 - 10
17 Radial load [distance from flange	e] N [mm]	200 [15]	GB12 GB9	110 138	LIS PGS62	108 44 - 90	PGS90	57 - 10
Other data								
18 Weight	Kg	5.4			+	Tb= +	/~\	
19 Enclosure	V	'ENT/TEFC			, T		(°) —	
O IP Rating - Ventilated		IP20					+L mm = approxin	nate added leng
21 IP Rating - TE/TEFC		IP54						
22 Insulation Class		F						
23 Type F	Permanent capacitor, asy	nchronous						
24 Direction	Bi-	directional	Brake 0.4 Nm	+L mm 35				

*additional length may also be required for mounting flange between component





Modular	######	Brakes are not available on TEFC (Totally Enclosed Fan Cooled) motors.							m flanges and connectors	
Standard	######									
Calculated data	erisure test results are as accurate as possible and are therefore sourject to criatige. Please erisure you are using the ###################################							o you are doing are	nation databilities to	and on our website
1 Part number		-	-	-	-	-	-	-	-	
2 Phases		1	1	1	1	3	3	3	3	
3 Frequency	Hz	50	50	60	60	50	50	60	60	
4 Nominal voltage	V AC	230	230	115	115	400	400	230	230	
5 Nominal power	w	150	190	55	100	190	250	190	250	
6 Nominal speed	rpm	1400	2800	1700	3400	1400	2800	1700	3400	
7 Nominal continuous torque (S1)	Nm	1.00	0.65	0.84	0.53	1.30	0.85	1.07	0.70	
8 Nominal continuous current (S1)	Α	1.70	1.70	-	-	0.50	0.75	-	-	
9 Starting Current	Α	4.25	4.25	0	0	1.25	1.88	0	0	
10 Input Watts	W	308	324	308	324	300	400	300	400	
11 Capacitor Value	M.F.D	40/50	40/50	40/50	40/50	-	-	-	-	
12 Starting Torque Full Load	%	150	130	150	130	150	150	150	150	
13 Stack length	mm	56	56	56	56	56	56	56	56	
14 Number of poles		4	2	4	2	4	2	4	2	
15 Rotor inertia	Kg/cm ²	-	-	-	-	-	-	-	-	



*additional length may also be required for mounting flange between component

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Notes