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EPM Range

Our EPM DC motor range offers a wide selection of output speed, power, and torque to perfectly meet the requirements of applications in a myriad of market sectors.

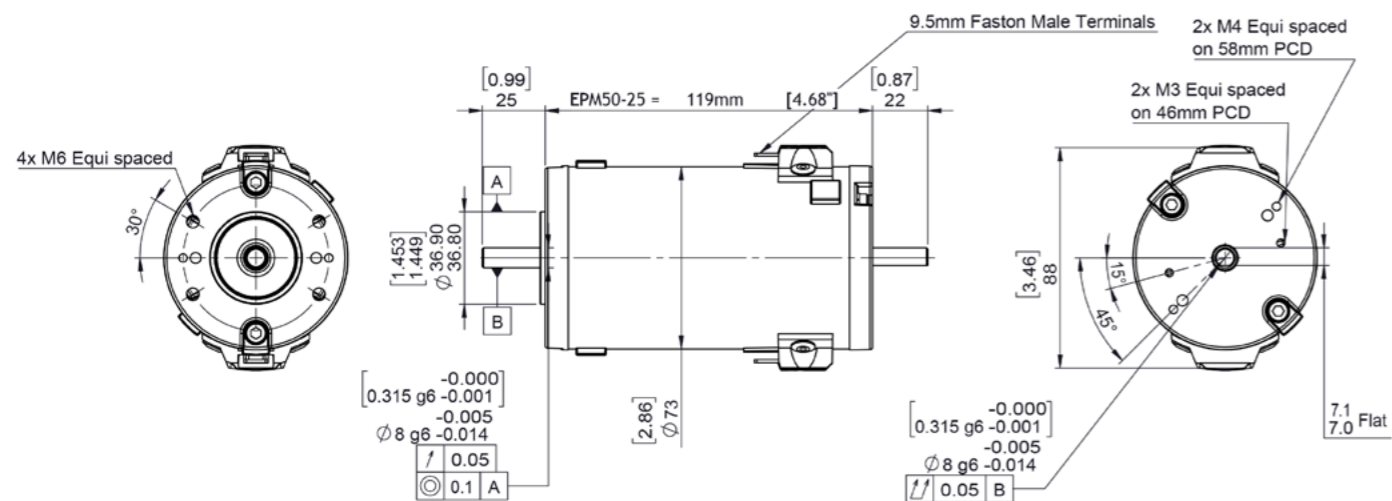
Reliable and robust, they combine seamlessly with our gearbox range, enabling you to fine tune the output performance of your motor-gearbox system.

EPM50-25

PMDC motor

Ø73 mm frame // 25 mm stack

all dimensions in mm



Part number key		Available on request: custom shaft length and diameter, shaft on both sides, special windings for specific voltages and speed, higher IP protection class, custom flanges and connectors			
Modular	#####	All products are built in accordance to performance tolerances from EN60034-1:2010. As continuous improvement, Parvalux periodically test their product range to 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 website			
Standard	#####				
Calculated data	#####				
Technical data					

1 Part number	-	-	-	-	
2 Nominal power	W	79	79	79	79
3 Nominal voltage	V	12	24	40	48
4 No load speed	rpm	4376	4136	4073	3893
5 No load current	A	1.75	1.04	0.61	0.31
6 Nominal speed	rpm	3000	3000	3000	3000
7 Nominal continuous torque (S1)	Nm	0.25	0.25	0.25	0.25
8 Nominal continuous current (S1)	A	12.3	5.6	3.3	2.6
9 Max. intermittent torque (S3)	Nm	0.44	0.44	0.44	0.44
10 Stall current	A	35.7	23.6	13.8	11.5
11 Stall torque	Nm	0.81	1.16	1.14	1.20
12 Stack length	mm	25	25	25	25
13 Maximum efficiency	%	61	64	65	70
14 Terminal resistance - phase to phase	Ω	0.34	1.02	2.91	4.19
15 Terminal inductance - phase to phase	mH	-	-	-	-
16 Speed constant	rpm/V	383.4	180.3	106.6	83.4
17 Torque constant	Nm/A	0.024	0.050	0.080	0.110
18 Speed torque gradient	rpm/Nm	5800	3621	3621	3428
19 Rotor inertia	Kgcm ²	1.41 x 10 ⁻⁴	1.41 x 10 ⁻⁴	1.41 x 10 ⁻⁴	1.41 x 10 ⁻⁴

Thermal data		Modular system	
20 Ambient temperature	°C	40	
Mechanical data		Brake 1.5 Nm +L mm 28.2 2.0 Nm +L mm 32.2	Gearbox GB4/41 +L mm 110 GB12 110 PGS62 44 - 90 PGS71 49 - 99
21 Radial load [distance from flange]	N [mm]	150 [15]	
Other data		Encoder Optical +L mm 9 Magnetic 12	Controller SC 50/15 ESCON EPOS
22 Number of poles		2	
23 Weight	Kg	1.40	
24 IP rating		IP44	
25 Enclosure		Enclosed	
26 Insulation Class		F	
27 Reversible		Yes	

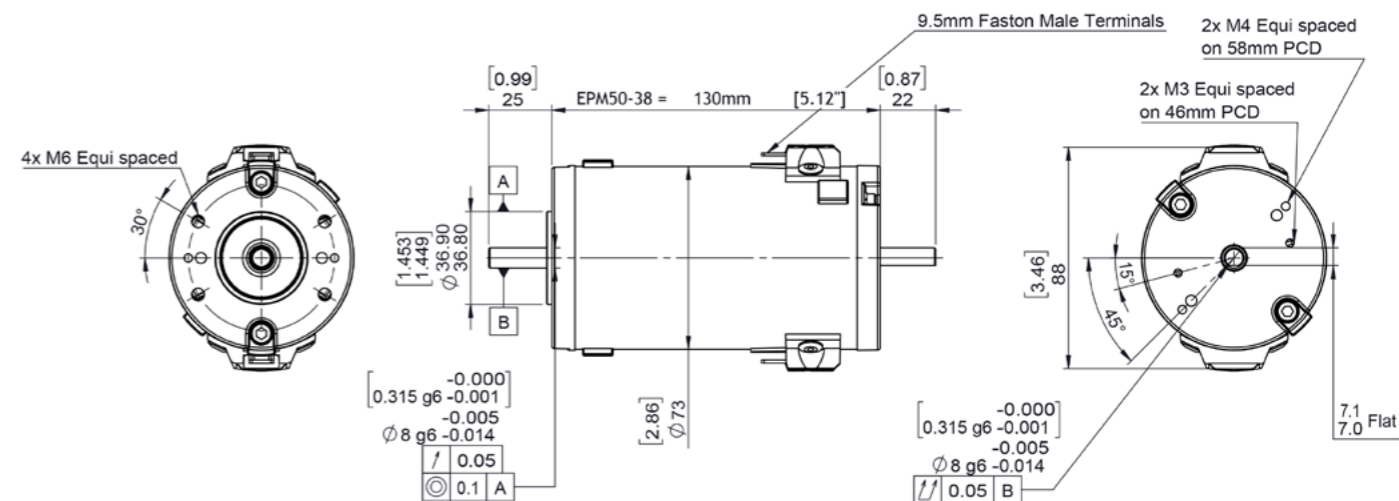
*additional length may also be required for mounting flange between components

EPM50-38

PMDC motor

Ø73 mm frame // 38 mm stack

all dimensions in mm



Part number key		Available on request: Custom shaft length and diameter, shaft on both sides, special windings for specific voltages and speed, higher IP protection class, custom flanges and connectors			
Modular	#####	All products are built in accordance to performance tolerances from EN60034-1:2010. As continuous improvement, Parvalux periodically test their product range to 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 website			
Standard	#####				
Calculated data	#####				
Technical data					

1 Part number	-	-	-	-	
2 Nominal power	W	94	94	94	94
3 Nominal voltage	V	12	24	40	48
4 No load speed	rpm	3807	3827	3939	3920
5 No load current	A	1.4	0.57	0.35	0.29
6 Nominal speed	rpm	3000	3000	3000	3000
7 Nominal continuous torque (S1)	Nm	0.3	0.3	0.3	0.3
8 Nominal continuous current (S1)	A	11.0	5.5	3.4	2.8
9 Max. intermittent torque (S3)	Nm	0.50	0.50	0.50	0.50
10 Stall current	A	76	32	20	17
11 Stall torque	Nm	2.3	1.9	1.9	1.9
12 Stack length	mm	38	38	38	38
13 Maximum efficiency	%	78	77	77	77
14 Terminal resistance - phase to phase	Ω	0.159	0.760	1.990	2.900
15 Terminal inductance - phase to phase	mH	-	-	-	-
16 Speed constant	rpm/V	312	156	96	80
17 Torque constant	Nm/A	0.031	0.060	0.098	0.120
18 Speed torque gradient	rpm/Nm	1646	2041	2041	2041
19 Rotor inertia	Kgcm ²	1.57 x 10 ⁻⁴	1.57 x 10 ⁻⁴	1.57 x 10 ⁻⁴	1.57 x 10 ⁻⁴

Thermal data		Modular system	
20 Ambient temperature	°C	40	
Mechanical data		Brake 1.5 Nm +L mm 28.2 2.0 Nm +L mm 32.2	Gearbox GB4/41 +L mm 110 GB12 110 PGS62 44 - 90 PGS71 49 - 99
21 Radial load [distance from flange]	N [mm]	150 [15]	
Other data		Encoder Optical +L mm 9 Magnetic 12	Controller SC 50/15 ESCON EPOS
22 Number of poles		2	
23 Weight	kg	1.60	
24 IP rating		IP44	
25 Enclosure		Enclosed	
26 Insulation Class		F	
27 Reversible		Yes	

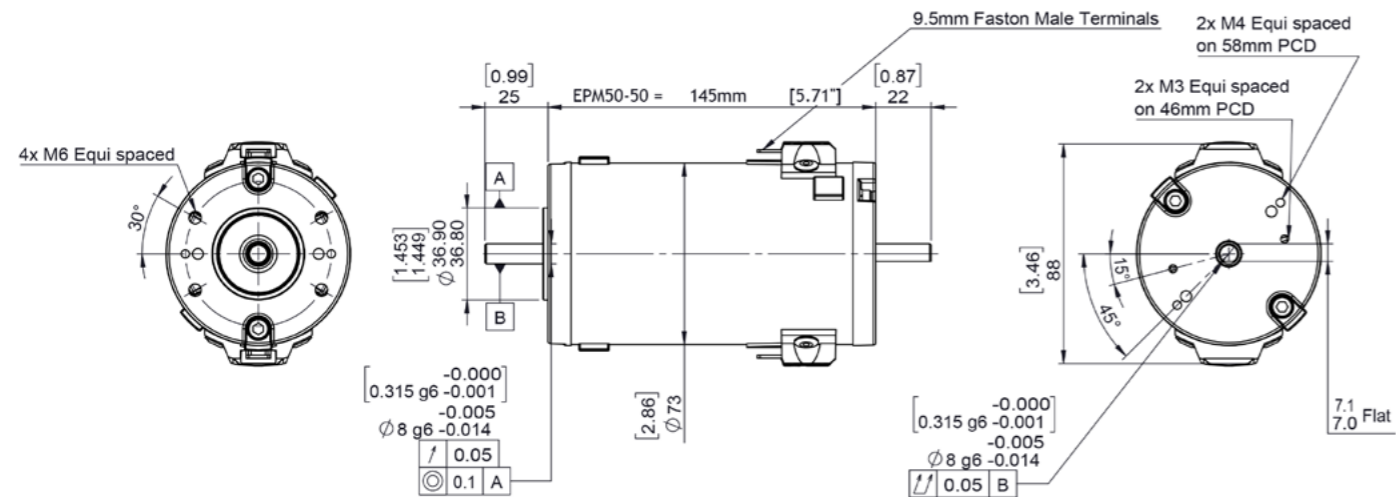
*additional length may also be required for mounting flange between components

EPM50-50

PMDC motor

Ø73 mm frame // 50 mm stack

all dimensions in mm



Part number key		Available on request: Custom shaft length and diameter, shaft on both sides, special windings for specific voltages and speed, higher IP protection class, custom flanges and connectors			
Modular	#####	All products are built in accordance to performance tolerances from EN60034-1:2010. As continuous improvement, Parvalux periodically test their product range to 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 website			
Standard	#####				
Calculated data	#####				
Technical data					

1 Part number	-	-	-	-	
2 Nominal power	W	123	123	123	123
3 Nominal voltage	V	12	24	40	48
4 No load speed	rpm	4051	3624	3579	3624
5 No load current	A	1.26	0.50	0.30	0.25
6 Nominal speed	rpm	3000	3000	3000	3000
7 Nominal continuous torque (S1)	Nm	0.39	0.39	0.39	0.39
8 Nominal continuous current (S1)	A	14.3	6.7	4.0	3.3
9 Max. intermittent torque (S3)	Nm	0.65	0.65	0.65	0.65
10 Stall current	A	77	41	24	20
11 Stall torque	Nm	2.3	2.5	2.5	2.5
12 Stack length	mm	50	50	50	50
13 Maximum efficiency	%	81	79	80	80
14 Terminal resistance - phase to phase	Ω	0.16	0.59	1.68	2.36
15 Terminal inductance - phase to phase	mH	-	-	-	-
16 Speed constant	rpm/V	1786	148	88	74
17 Torque constant	Nm/A	0.03	0.06	0.11	0.13
18 Speed torque gradient	rpm/Nm	1786	1426	1426	1426
19 Rotor inertia	Kgcm ²	2.28 x 10 ⁻⁴	2.28 x 10 ⁻⁴	2.28 x 10 ⁻⁴	2.28 x 10 ⁻⁴

Thermal data		Modular system	
20 Ambient temperature	°C	40	
Mechanical data			
21 Radial load [distance from flange]	N [mm]	150 [15]	
Other data			
22 Number of poles		2	
23 Weight	Kg	2.05	
24 IP rating		IP44	
25 Enclosure		Enclosed	
26 Insulation Class		F	
27 Reversible		Yes	

Brake

1.5 Nm +L mm: 28.2

2.0 Nm +L mm: 32.2

Gearbox

GB4/41 +L mm: 110

GB12 +L mm: 110

PGS62 +L mm: 44 - 90

PGS71 +L mm: 49 - 99

Encoder

Optical +L mm: 9

Magnetic +L mm: 12

Controller

SC 50/15

ESCON

EPOS

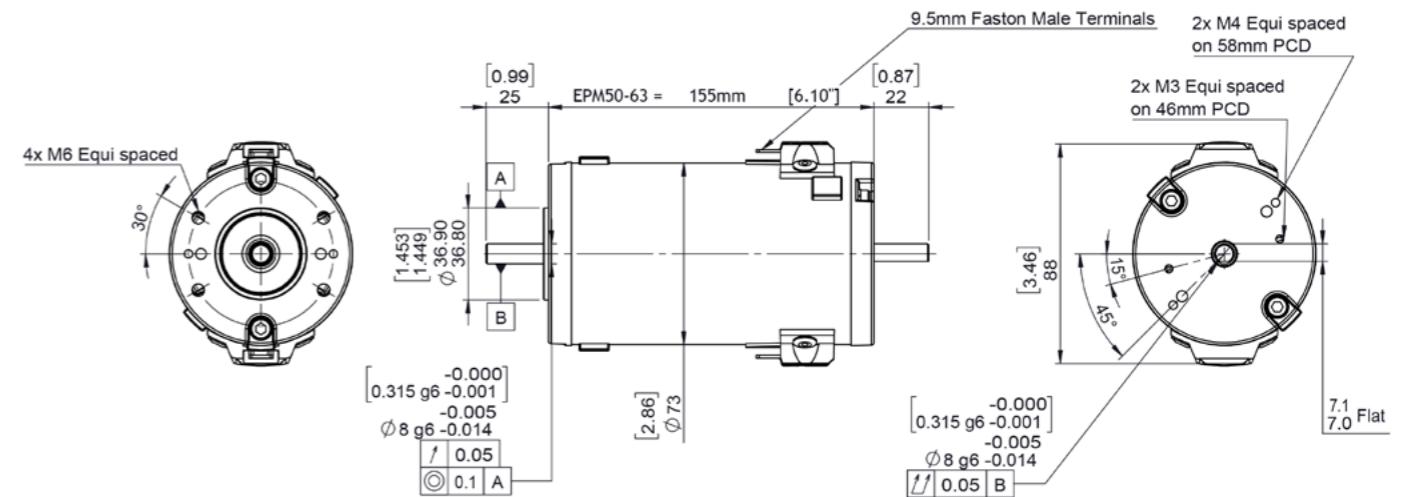
*additional length may also be required for mounting flange between components

EPM50-63

PMDC motor

Ø73 mm frame // 63 mm stack

all dimensions in mm



Part number key		Available on request: Custom shaft length and diameter, shaft on both sides, special windings for specific voltages and speed, higher IP protection class, custom flanges and connectors			
Modular	#####	All products are built in accordance to performance tolerances from EN60034-1:2010. As continuous improvement, Parvalux periodically test their product range to 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 website			
Standard	#####				
Calculated data	#####				
Technical data					

1 Part number	-	-	-	-	
2 Nominal power	W	151	151	151	151
3 Nominal voltage	V	12	24	40	48
4 No load speed	rpm	4119	3912	3650	3598
5 No load current	A	1.30	0.50	0.27	0.22
6 Nominal speed	rpm	3000	3000	3000	3000
7 Nominal continuous torque (S1)	Nm	0.48	0.48	0.48	0.48
8 Nominal continuous current (S1)	A	18.0	8.4	4.9	4.1
9 Max. intermittent torque (S3)	Nm	0.80	0.80	0.80	0.80
10 Stall current	A	79	42	32	26
11 Stall torque	Nm	2.3	2.8	3.3	3.2
12 Stack length	mm	63	63	63	63
13 Maximum efficiency	%	80	80	81	81
14 Terminal resistance - phase to phase	Ω	0.15	0.57	1.25	1.86
15 Terminal inductance - phase to phase	mH	-	-	-	-
16 Speed constant	rpm/V	330	178	90	74
17 Torque constant	Nm/A	0.03	0.06	0.10	0.13
18 Speed torque gradient	rpm/Nm	1835	1412	1121	1120
19 Rotor inertia	Kgcm ²	2.48 x 10 ⁻⁴	2.48 x 10 ⁻⁴	2.48 x 10 ⁻⁴	2.48 x 10 ⁻⁴

Thermal data		Modular system	
20 Ambient temperature	°C	40	
Mechanical data			
21 Radial load [distance from flange]	N [mm]	150 [15]	
Other data			
22 Number of poles		2	
23 Weight	Kg	2.15	
24 IP rating		IP44	
25 Enclosure		Enclosed	
26 Insulation Class		F	
27 Reversible		Yes	

Brake

1.5 Nm +L mm: 28.2

2.0 Nm +L mm: 32.2

Gearbox

GB4/41 +L mm: 110

GB12 +L mm: 110

PGS62 +L mm: 44 - 90

PGS71 +L mm: 49 - 99

Encoder

Optical +L mm: 9

Magnetic +L mm: 12

Controller

SC 50/15

ESCON

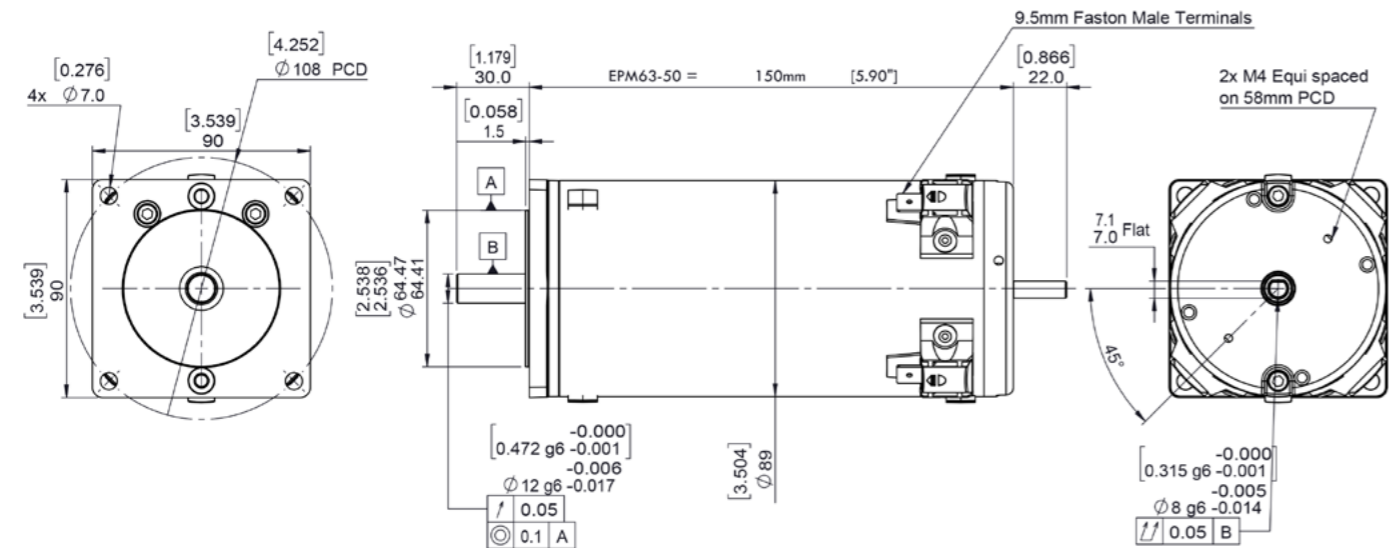
EPOS

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

EPM63-50 PMDC motor

Ø90 mm frame // 50 mm stack

all dimensions in mm



Part number key		Available on request: Custom shaft length and diameter, shaft on both sides, special windings for specific voltages and speed, higher IP protection class, custom flanges and connectors			
Modular	#####	All products are built in accordance to performance tolerances from EN60034-1:2010. As continuous improvement, Parvalux periodically test their product range to 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 website			
Standard	#####				
Calculated data	#####				

Technical data					
1 Part number	-	-	-	-	-
2 Nominal power	W	220	220	220	220
3 Nominal voltage	V	12	24	40	48
4 No load speed	rpm	3899	3992	3881	3854
5 No load current	A	4.70	2.60	1.50	1.24
6 Nominal speed	rpm	3000	3000	3000	3000
7 Nominal continuous torque (S1)	Nm	0.7	0.7	0.7	0.7
8 Nominal continuous current (S1)	A	28.4	14.5	8.4	7.0
9 Max. intermittent torque (S3)	Nm	1.17	1.17	1.17	1.17
10 Stall current	A	115	83	47	39
11 Stall torque	Nm	3.3	4.8	4.7	4.6
12 Stack length	mm	50	50	50	50
13 Maximum efficiency	%	67	70	70	70
14 Terminal resistance - phase to phase	Ω	0.10	0.29	0.85	1.24
15 Terminal inductance - phase to phase	mH	-	-	-	-
16 Speed constant	rpm/V	320	159	93	77
17 Torque constant	Nm/A	0.03	0.06	0.10	0.12
18 Speed torque gradient	rpm/Nm	1200	831	831	831
19 Rotor inertia	Kgcm²	6.13 x 10 ⁻⁴	6.13 x 10 ⁻⁴	6.13 x 10 ⁻⁴	6.13 x 10 ⁻⁴

Thermal data Modular system

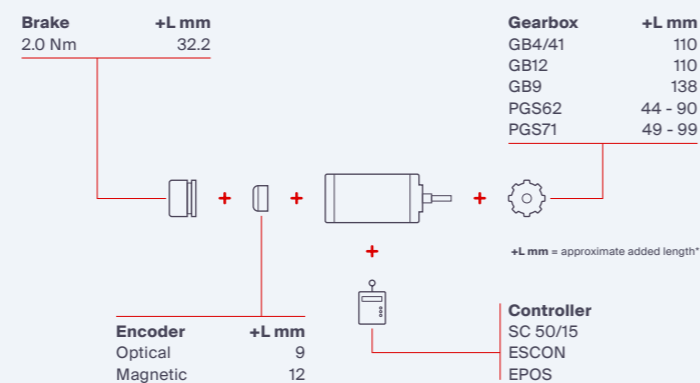
20 Ambient temperature	°C	40
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Mechanical data

21 Radial load [distance from flange]	N [mm]	200 [15]
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Other data

22 Number of poles		4
23 Weight	Kg	3.00
24 IP rating		IP44
25 Enclosure		Enclosed
26 Insulation Class		F
27 Reversible		Yes

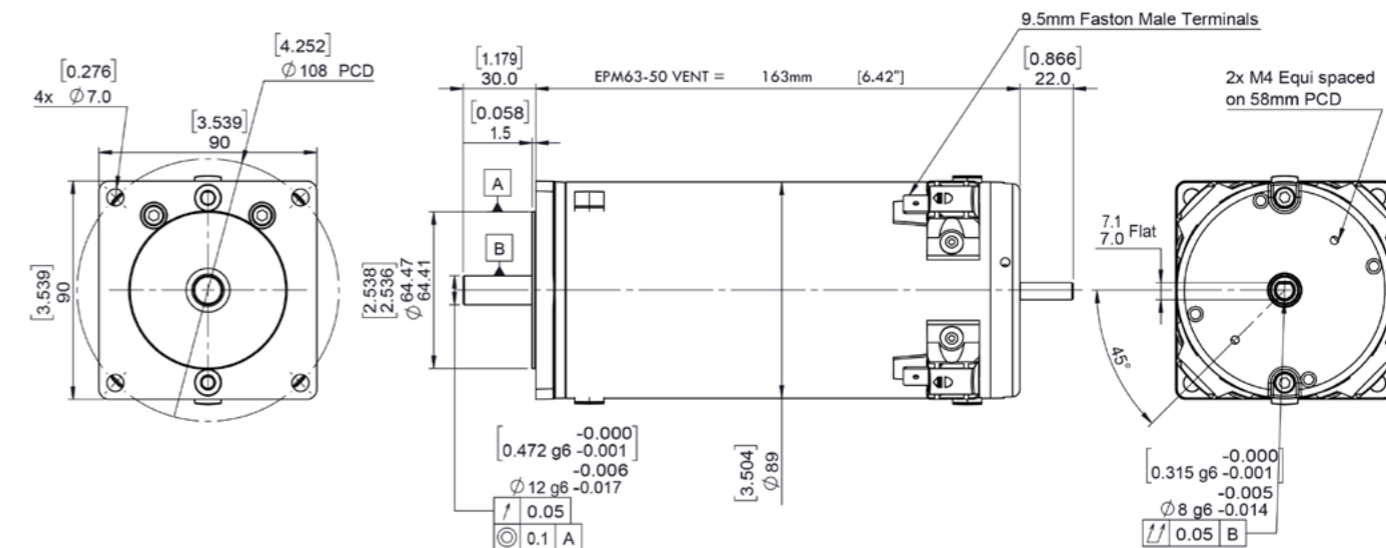


*additional length may also be required for mounting flange between components

EPM63-50 Fan Cooled PMDC motor

Ø90 mm frame // 50 mm stack

all dimensions in mm



Part number key		Available on request: Custom shaft length and diameter, shaft on both sides, special windings for specific voltages and speed, higher IP protection class, custom flanges and connectors			
Modular	#####	All products are built in accordance to performance tolerances from EN60034-1:2010. As continuous improvement, Parvalux periodically test their product range to 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 website			
Standard	#####				
Calculated data	#####				

Technical data					
1 Part number	-	-	-	-	-
2 Nominal power	W	327	327	327	327
3 Nominal voltage	V	12	24	40	48
4 No load speed	rpm	4548	3992	3881	3854
5 No load current	A	5.50	2.60	1.50	1.04
6 Nominal speed	rpm	3000	3000	3000	3000
7 Nominal continuous torque (S1)	Nm	1.04	1.04	1.04	1.04
8 Nominal continuous current (S1)	A	46.0	20.0	11.4	7.0
9 Max. intermittent torque (S3)	Nm	1.60	1.60	1.60	1.60
10 Stall current	A	156.0	83.0	47.0	38.7
11 Stall torque	Nm	3.8	4.8	4.7	4.6
12 Stack length	mm	50	50	50	50
13 Maximum efficiency	%	69	70	70	70
14 Terminal resistance - phase to phase	Ω	0.08	0.29	0.85	1.24
15 Terminal inductance - phase to phase	mH	-	-	-	-
16 Speed constant	rpm/V	371	159	93	77
17 Torque constant	Nm/A	0.025	0.059	0.100	0.123
18 Speed torque gradient	rpm/Nm	1200	831	831	831
19 Rotor inertia	Kgcm²	6.13 x 10 ⁻⁴	6.13 x 10 ⁻⁴	6.13 x 10 ⁻⁴	6.13 x 10 ⁻⁴

Thermal data Modular system

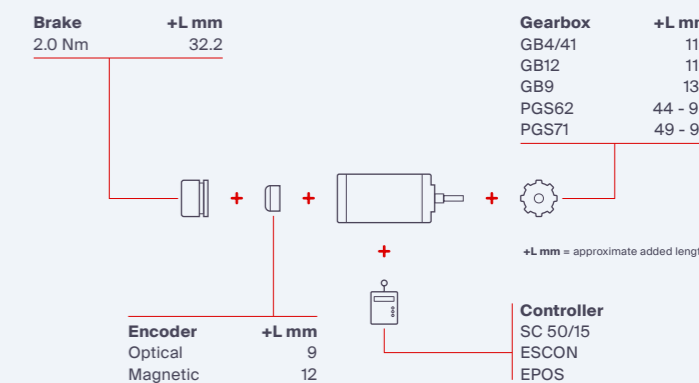
20 Ambient temperature	°C	40
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Mechanical data

21 Radial load [distance from flange]	N [mm]	200 [15]
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Other data

22 Number of poles		4
23 Weight	Kg	3.10
24 IP rating		IP21
25 Enclosure		Ventilated
26 Insulation Class		F
27 Reversible		Yes

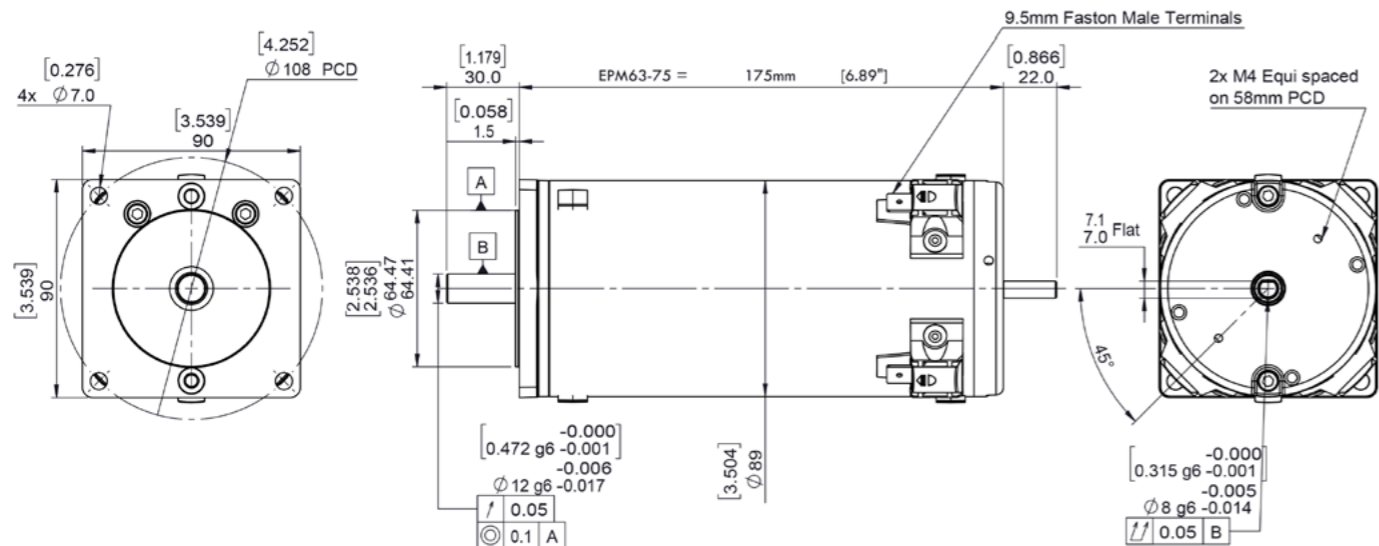


*additional length may also be required for mounting flange between components

EPM63-75 PMDC motor

Ø90 mm frame // 75 mm stack

all dimensions in mm



Part number key		Available on request: Custom shaft length and diameter, shaft on both sides, special windings for specific voltages and speed, higher IP protection class, custom flanges and connectors			
Modular	#####	All products are built in accordance to performance tolerances from EN60034-1:2010. As continuous improvement, Parvalux periodically test their product range to 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 website			
Standard	#####				
Calculated data	#####				

Technical data					
1 Part number	-	-	-	-	-
2 Nominal power	W	283	283	283	283
3 Nominal voltage	V	12	24	40	48
4 No load speed	rpm	3564	3973	3913	3973
5 No load current	A	3.40	1.70	1.00	0.85
6 Nominal speed	rpm	3000	3000	3000	3000
7 Nominal continuous torque (S1)	Nm	0.9	0.9	0.9	0.9
8 Nominal continuous current (S1)	A	25.8	13.2	7.8	6.6
9 Max. intermittent torque (S3)	Nm	1.50	1.50	1.50	1.50
10 Stall current	A	178.0	88.0	51.3	44.0
11 Stall torque	Nm	5.5	5.3	5.2	5.3
12 Stack length	mm	75	75	75	75
13 Maximum efficiency	%	67	79	79	80
14 Terminal resistance - phase to phase	Ω	0.067	0.272	0.780	1.090
15 Terminal inductance - phase to phase	mH	-	-	-	-
16 Speed constant	rpm/V	288.0	160.0	94.4	80.0
17 Torque constant	Nm/A	0.031	0.061	0.100	0.120
18 Speed torque gradient	rpm/Nm	649	755	755	755
19 Rotor inertia	Kgcm²	2.83 x 10 ⁻⁴	2.83 x 10 ⁻⁴	2.83 x 10 ⁻⁴	2.83 x 10 ⁻⁴

Thermal data Modular system

20 Ambient temperature	°C	40
Mechanical data		
21 Radial load [distance from flange]	N [mm]	200 [15]
Other data		
22 Number of poles		4
23 Weight	Kg	4.00
24 IP rating		IP44
25 Enclosure		Enclosed
26 Insulation Class		F
27 Reversible		Yes

Brake	+L mm
2.0 Nm	32.2

Gearbox	+L mm
GB4/41	110
GB12	110
GB9	138
PGS62	44 - 90
PGS71	49 - 99

Encoder	+L mm
Optical	9
Magnetic	12

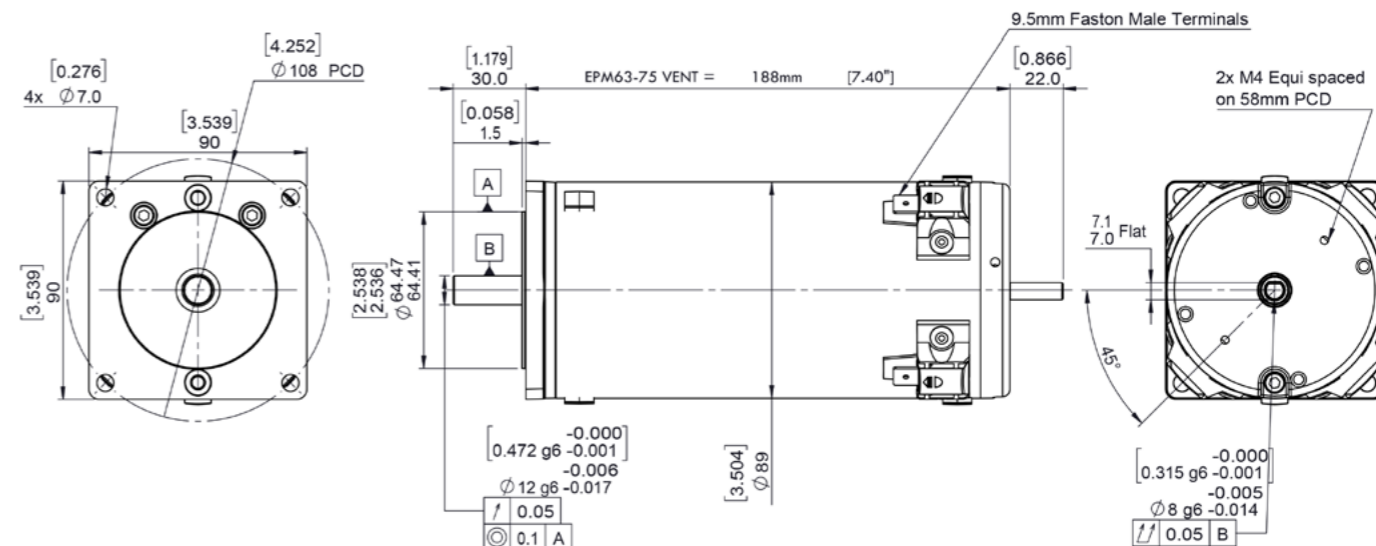
Controller	+L mm
SC 50/15	
ESCON	
EPOS	

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

EPM63-75 Fan Cooled PMDC motor

Ø90 mm frame // 75 mm stack

all dimensions in mm



Part number key		Available on request: Custom shaft length and diameter, shaft on both sides, special windings for specific voltages and speed, higher IP protection class, custom flanges and connectors			
Modular	#####	All products are built in accordance to performance tolerances from EN60034-1:2010. As continuous improvement, Parvalux periodically test their product range to 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 website			
Standard	#####				
Calculated data	#####				

Technical data					
1 Part number	-	-	-	-	-
2 Nominal power	W	377	377	377	377
3 Nominal voltage	V	12	24	40	48
4 No load speed	rpm	4158	3973	3913	3973
5 No load current	A	4.00	1.70	1.00	0.85
6 Nominal speed	rpm	3000	3000	3000	3000
7 Nominal continuous torque (S1)	Nm	1.2	1.2	1.2	1.2
8 Nominal continuous current (S1)	A	30.0	21.4	12.6	10.7
9 Max. intermittent torque (S3)	Nm	1.80	1.80	1.80	1.80
10 Stall current	A	242	88	51	44
11 Stall torque	Nm	6.4	5.3	5.2	5.3
12 Stack length	mm	75	75	75	75
13 Maximum efficiency	%	75	80	79	79
14 Terminal resistance - phase to phase	Ω	0.050	0.272	0.780	1.090
15 Terminal inductance - phase to phase	mH	-	-	-	-
16 Speed constant	rpm/V	335	160	94	80
17 Torque constant	Nm/A	0.027	0.061	0.100	0.120
18 Speed torque gradient	rpm/Nm	649	755	755	755
19 Rotor inertia	Kgcm²	2.83 x 10 ⁻⁴	2.83 x 10 ⁻⁴	2.83 x 10 ⁻⁴	2.83 x 10 ⁻⁴

Thermal data Compatible products

20 Ambient temperature	°C	40
Mechanical data		
21 Radial load [distance from flange]	N [mm]	200 [15]
Other data		
22 Number of poles		4
23 Weight	Kg	4.10
24 IP rating		IP21
25 Enclosure		Ventilated
26 Insulation Class		F
27 Reversible		Yes

Brake	+L mm
2.0 Nm	32.2

Gearbox	+L mm
GB4/41	110
GB12	110
GB9	138
PGS62	44 - 90
PGS71	49 - 99

Encoder	+L mm
Optical	9
Magnetic	12

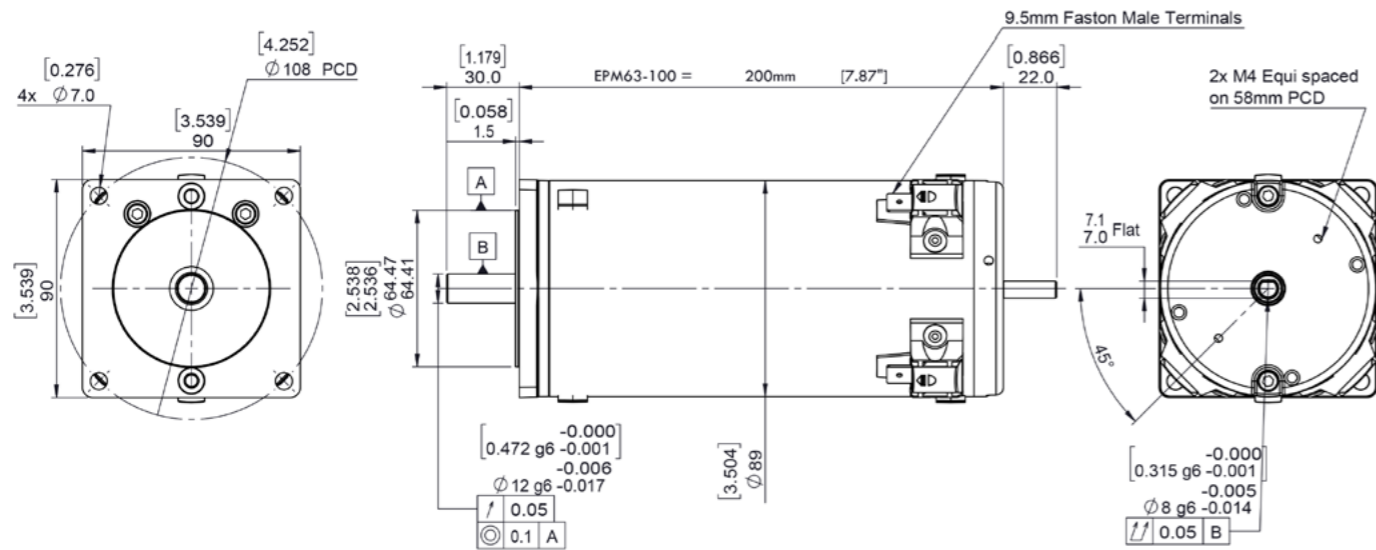
Controller	+L mm
SC 50/15	
ESCON	
EPOS	

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

EPM63-100 PMDC motor

Ø90 mm frame // 100 mm stack

all dimensions in mm



Part number key

Modular	#####
Standard	#####
Calculated data	#####

Available on request: Custom shaft length and diameter, shaft on both sides, special windings for specific voltages and speed, higher IP protection class, custom flanges and connectors

All products are built in accordance to performance tolerances from EN60034-1:2010. As continuous improvement, Parvalux periodically test their product range to 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 website

Technical data

1 Part number	-	-	-	-	
2 Nominal power	W	377	377	377	377
3 Nominal voltage	V	12	24	40	48
4 No load speed	rpm	4771	3895	3819	3895
5 No load current	A	5.20	1.90	1.10	0.94
6 Nominal speed	rpm	3000	3000	3000	3000
7 Nominal continuous torque (S1)	Nm	1.2	1.2	1.2	1.2
8 Nominal continuous current (S1)	A	54.6	22.3	13.1	11.1
9 Max. intermittent torque (S3)	Nm	1.90	1.90	1.90	1.90
10 Stall current	A	194	134	77	67
11 Stall torque	Nm	4.6	7.7	7.5	7.7
12 Stack length	mm	100	100	100	100
13 Maximum efficiency	%	73	78	78	78
14 Terminal resistance - phase to phase	Ω	0.062	0.300	0.520	0.720
15 Terminal inductance - phase to phase	mH	-	-	-	-
16 Speed constant	rpm/V	393	158	93	79
17 Torque constant	Nm/A	0.024	0.060	0.100	0.120
18 Speed torque gradient	rpm/Nm	1041	509	509	509
19 Rotor inertia	gcm²	9.64 x 10 ⁻⁴	9.64 x 10 ⁻⁴	9.64 x 10 ⁻⁴	9.64 x 10 ⁻⁴

Thermal data Modular system

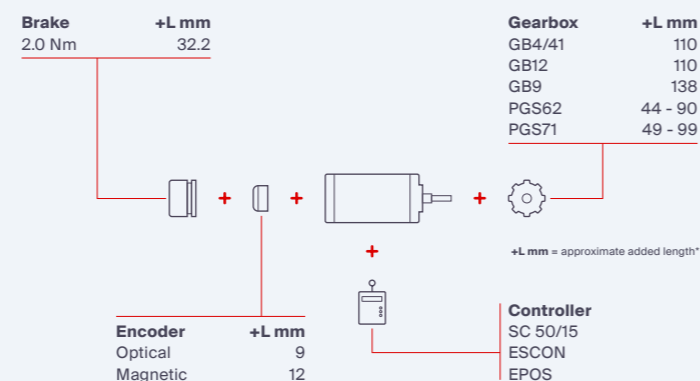
20 Ambient temperature	°C	40
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Mechanical data

21 Radial load [distance from flange]	N [mm]	200 [15]
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Other data

22 Number of poles		4
23 Weight	Kg	4.50
24 IP rating		IP44
25 Enclosure		Enclosed
26 Insulation Class		F
27 Reversible		Yes

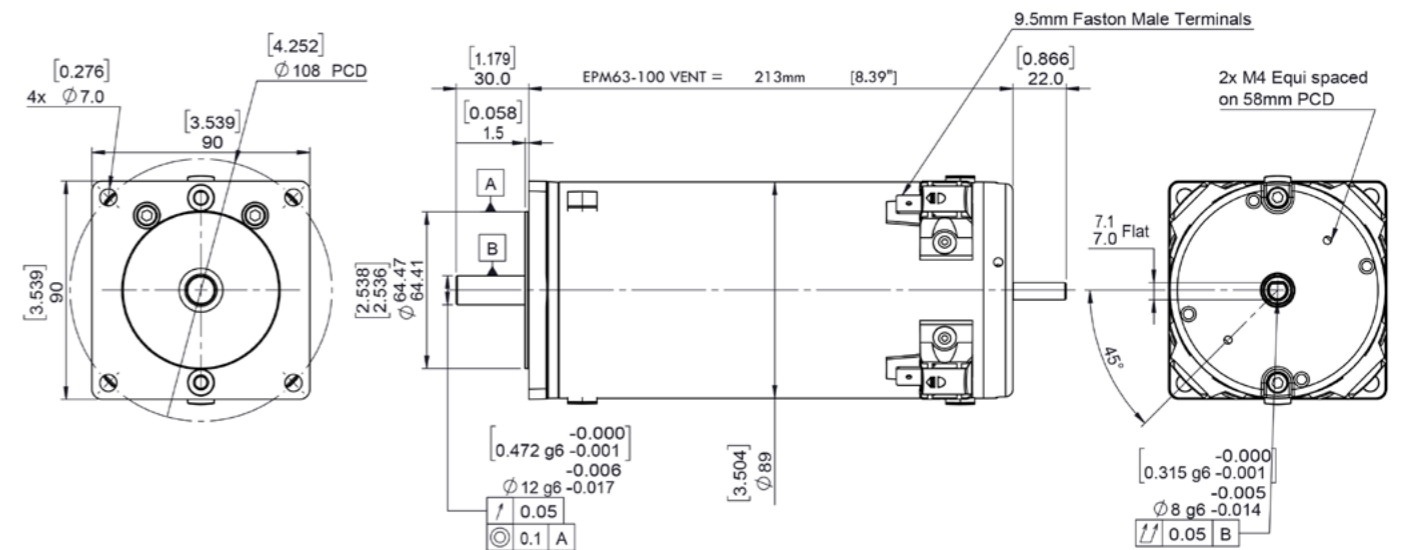


*additional length may also be required for mounting flange between components

EPM63-100 Fan Cooled PMDC motor

Ø90 mm frame // 100 mm stack

all dimensions in mm



Part number key

Modular	#####
Standard	#####
Calculated data	#####

Available on request: Custom shaft length and diameter, shaft on both sides, special windings for specific voltages and speed, higher IP protection class, custom flanges and connectors

All products are built in accordance to performance tolerances from EN60034-1:2010. As continuous improvement, Parvalux periodically test their product range to 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 website

Technical data

1 Part number	-	-	-	-	
2 Nominal power	W	471	471	471	471
3 Nominal voltage	V	12	24	40	48
4 No load speed	rpm	4771	3895	3819	3895
5 No load current	A	5.20	1.90	1.10	0.94
6 Nominal speed	rpm	3000	3000	3000	3000
7 Nominal continuous torque (S1)	Nm	1.5	1.5	1.5	1.5
8 Nominal continuous current (S1)	A	67.0	27.5	16.2	13.7
9 Max. intermittent torque (S3)	Nm	2.00	2.40	2.40	2.40
10 Stall current	A	194	134	77	67
11 Stall torque	Nm	4.6	7.7	7.5	7.7
12 Stack length	mm	100	100	100	100
13 Maximum efficiency	%	67	78	78	78
14 Terminal resistance - phase to phase	Ω	0.06	0.18	0.52	0.72
15 Terminal inductance - phase to phase	mH	-	-	-	-
16 Speed constant	rpm/V	393	158	93	79
17 Torque constant	Nm/A	0.024	0.060	0.100	0.120
18 Speed torque gradient	rpm/Nm	1041	509	509	509
19 Rotor inertia	Kg/cm²	9.64 x 10 ⁻⁴	9.64 x 10 ⁻⁴	9.64 x 10 ⁻⁴	9.64 x 10 ⁻⁴

Thermal data Compatible products

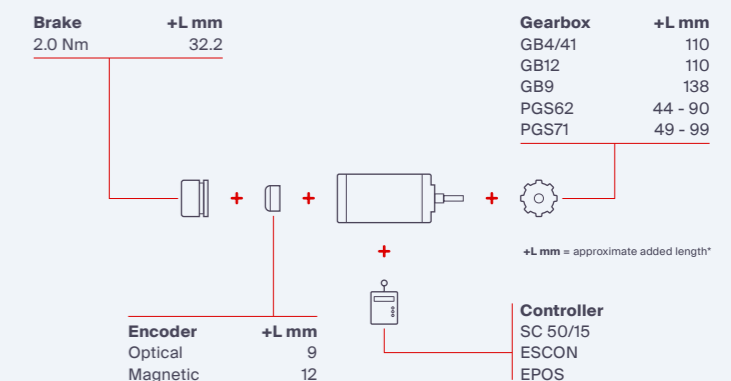
20 Ambient temperature	°C	40
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Mechanical data

21 Radial load [distance from flange]	N [mm]	200 [15]
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Other data

22 Number of poles		4
23 Weight	Kg	4.60
24 IP rating		IP21
25 Enclosure		Ventilated
26 Insulation Class		F
27 Reversible		Yes



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