



GENERAL CHARACTERISTICS

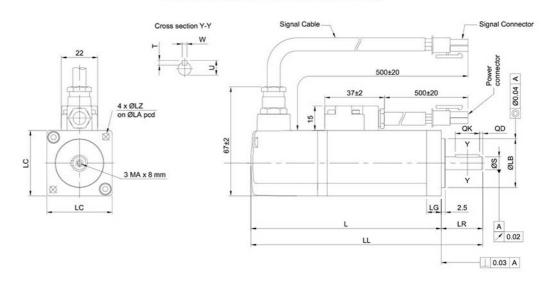
S0402B/351, customised for Tpa, is a brushless motor in 6 pole sinusoidal current, ideal when high performance for axis control is required.

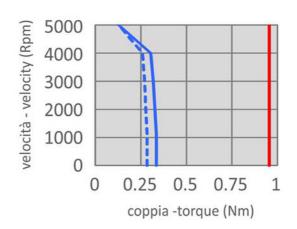


MECHANICAL DIMENSIONS

Туре	L	LL	LR	LG	LC	LA	LZ	Sh6	LB	QK	QD	U	W	Т
S0402B	119(159)	144.5(184.5)	25.5	9	40	46	4.3	8	30	15	2	9.2	3	3

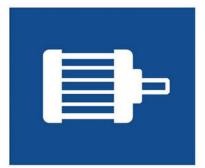
The dimensions refer to motors with brake





	PERFORIVIANCE AND SPECIFICATIONS
ΔT Max Windings	105 °C
Supply Voltage	230 Vac (three phase)
Rated Power	100 W
Stall torque	0.34 Nm
Stall current	0.5 A
Rated torque	0.32 Nm
Rated current	0.5 A (rms)
Instantaneous peak torque	0.96 Nm
Instantaneous peak current	1.50 A
Rated speed	3000 rpm
Maximum speed	5000 rpm
Torque constant ± 5%	0.660 Nm/A(rms)
Voltage constant ± 5%	40.0 Vrms /Krpm
Windingresistance ± 5%	68.8 ohm
Winding inductance	88.0 mH
Rotor moment of inertia	0.06 Kg m2 x 10-4
Mass	0.65 kg
Maximum radial load	120 N
Maximum axial load	80 N
Applicable transducer (Standard)	Encoder 5V line driver 2048 ppr
Operation	Continuous
Insulation class	Class F
Room temperature	0 to +40 °C
Protection rating	IP55
Closure	Totally enclosed, ventilated by natural convection
Mounting	Accoppiato a Flangia
Coupled with flange	250x250x6 mm





Siboni S0601B/302

GENERAL CHARACTERISTICS

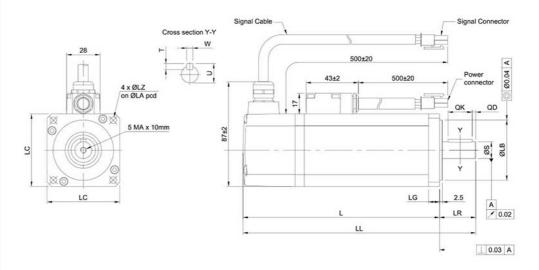
S0601B/302, customised for Tpa, is a brushless motor in 6 pole sinusoidal current, ideal when high performance for axis control is required.

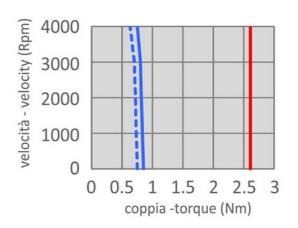


MECHANICAL DIMENSIONS

Туре	L	LL	LR	LG	LC	LA	LZ	Sh6	LB	QK	QD	U	W	Т
S0601B	128.5(173)	158.5(203)	30	10	60	70	5.5	14	50	20	3	16	5	5

The dimensions refer to motors with brake





105 °C	ΔT Max Windings
230 Vac (three phase)	Supply Voltage
250 W	Rated Power
0.85 Nm	Stall torque
1.4 A	Stall current
0.80 Nm	Rated torque
1.4 A (rms)	Rated current
2.6 Nm	Instantaneous peak torque
4.90 A	Instantaneous peak current
3000 rpm	Rated speed
4000 rpm	Maximum speed
0.600 Nm/A(rms)	Torque constant ± 5%
36.3 Vrms /Krpm	Voltage constant ± 5%
12.41 ohm	Winding resistance ± 5%
38.1 mH	Winding inductance
0.19 Kg m2 x 10-4	Rotor moment of inertia
1.2 kg	Mass
250 N	Maximum radial load
80 N	Maximum axial load
Encoder 5V line driver 2048 ppr	Applicable transducer (Standard)
Continuous	Operation
Class F	Insulation class
0 to +40 °C	Room temperature
IP55	Protection rating
Totally enclosed, ventilated by natural convection	Closure
Coupled with flange	Mounting
250x250x6 mm	Aluminum flange





Siboni S0602B/301

GENERAL CHARACTERISTICS

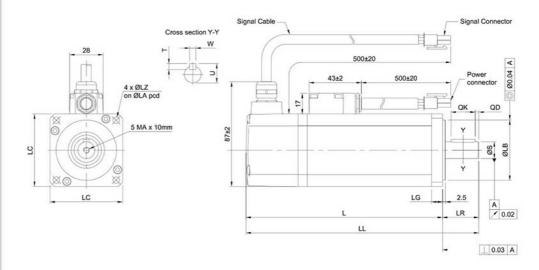
S0601B/302, customised for Tpa, is a brushless motor in 6 pole sinusoidal current, ideal when high performance for axis control is required.

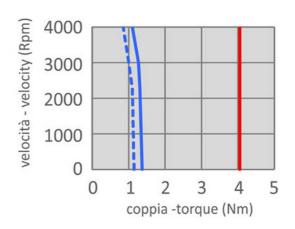


MECHANICAL DIMENSIONS

Туре	L	LL	LR	LG	LC	LA	LZ	Sh6	LB	QK	QD	U	W	Т
S0602B	163.5(208)	193.5(238)	30	10	60	70	5.5	14	50	20	3	16	5	5

The dimensions refer to motors with brake





	PERFORMANCE AND SPECIFICATIONS
ΔT Max Windings	105 °C
Supply Voltage	230 Vac (three phase)
Rated Power	400 W
Stall torque	1.37 Nm
Stall current	1.9 A
Rated torque	1.27 Nm
Rated current	1.8 A (rms)
Instantaneous peak torque	4.1 Nm
Instantaneous peak current	6.70 A
Rated speed	3000 rpm
Maximum speed	4000 rpm
Torque constant ± 5%	0.736 Nm/A(rms)
Voltage constant ± 5%	44.6 Vrms /Krpm
Winding resistance ± 5%	8.47 ohm
Winding inductance	30.0 mH
Rotor moment of inertia	0.30 Kg m2 x 10-4
Mass	2.0 kg
Maximum radial load	250 N
Maximum axial load	80 N
Applicable transducer (Standard)	Encoder 5V line driver 2048 ppr
Operation	Continuous
Insulation class	Class F
Room temperature	0 to +40 °C
Protection rating	IP55
Closure	Totally enclosed, ventilated by natural convection
Mounting	Coupled with flange
Aluminum flange	250x250x6 mm





Siboni S0802B/375

GENERAL CHARACTERISTICS

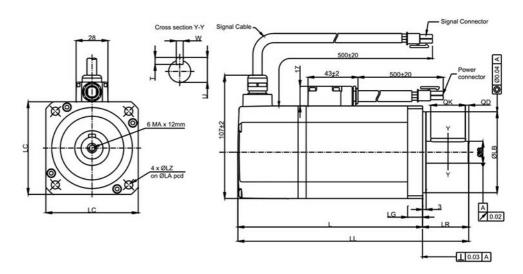
S0802B/375, customised for Tpa, is a brushless motor in 6 pole sinusoidal current, ideal when high performance for axis control is required.

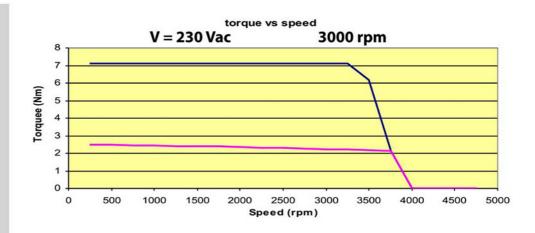


MECHANICAL DIMENSIONS

Туре	L	LL	LR	LG	LC	LA	LZ	Sh6	LB	QK	QD	U	W	Т
HS0802B	160(209)	200(249)	40	13	80	90	7	19	70	30	3	21,5	6	6

The dimensions refer to motors with brake





ΔT Max Windings	105 °C
Supply Voltage	230 Vac (three phase)
Rated Power	750 W
Stall torque	2.4 Nm
Stall current	2.90 A
Rated torque	2.39 Nm
Rated current	2.75 A (rms)
Instantaneous peak torque	7.5 Nm
Instantaneous peak current	8.70 A
Rated speed	3000 rpm
Maximum speed	4000 rpm
Torque constant ± 5%	0.870 Nm/A(rms)
Voltage constant ± 5%	52.70 Vrms /Krpm
Winding resistance ± 5%	3.95 ohm
Winding inductance	29.50 mH
Rotor moment of inertia	0.614 Kg m2 x 10 (-4)
Mass	3.1 kg
Maximum radial load	420 N
Maximum axial load	150 N
Applicable transducer (Standard)	Encoder 5V line driver 2048 ppr
Operation	Continuous
Insulation Class	Class F
Room temperature	0 to +40 °C
Protection rating	IP55
Closure	Totally enclosed, ventilated by natural convection
Mounting	Coupled with flange





Siboni S1201B/551

GENERAL CHARACTERISTICS

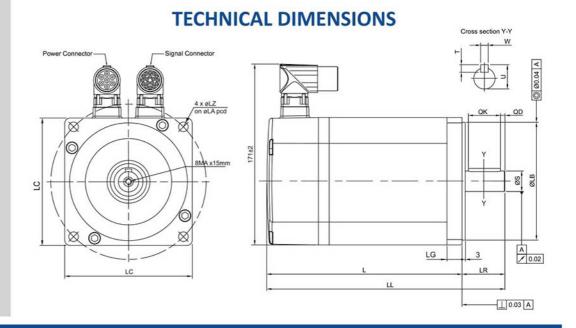
S1201B/551, customised for Tpa, is a brushless motor in 6 pole sinusoidal current, ideal when high performance for axis control is required.

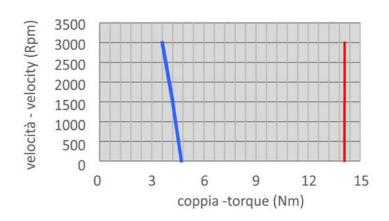


MECHANICAL DIMENSIONS

Туре	L	LL	LR	LG	LC	LA	LZ	Sh6	LB	QK	QD	U	W	Т
S0601B	182 (232)	222 (272)	40	14	119	145	9	19	110	30	4	21.5	6	6

The dimensions refer to motors with brake





105 °C	ΔT Max Windings
230 Vac (three phase)	Supply Voltage
1150 W	Rated Power
4.7 Nm	Stall torque
5.5 A	Stall current
3.6 Nm	Rated torque
4.7 A (rms)	Rated current
14.1 Nm	Instantaneous peak torque
16.5 A	Instantaneous peak current
3000 rpm	Rated speed
4000 rpm	Maximum speed
0.86 Nm/A(rms)	Torque constant ± 5%
53.0 Vrms /Krpm	Voltage constant ± 5%
1.9 ohm	Winding resistance ± 5%
6.2 mH	Winding inductance
7.3 Kg m2 x 10-4	Rotor moment of inertia
6.7 kg	Mass
500 N	Maximum radial load
250 N	Maximum axial load
Encoder 5V line driver 2048 ppr	Applicable transducer (Standard)
Continuous	Operation
Class F	Insulation class
0 to +40 °C	Room temperature
IP55	Protection rating
Totally enclosed, ventilated by natural convection	Closure
Coupled with flange	Montaggio
250x250x6 mm	Aluminum flange





Siboni S1201B/552

GENERAL CHARACTERISTICS

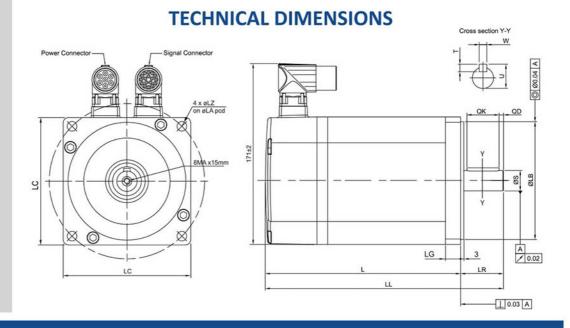
S1201B/552, customised for Tpa, is a brushless motor in 6 pole sinusoidal current, ideal when high performance for axis control is required.

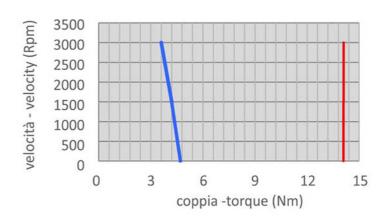


MECHANICAL DIMENSIONS

Туре	L	LL	LR	LG	LC	LA	LZ	Sh6	LB	QK	QD	U	W	Т
S0601B	182 (232)	222 (272)	40	14	119	145	9	19	110	30	4	21.5	6	6

The dimensions refer to motors with brake





AT Max Windings 105 °C Supply Voltage 400 Vac (three phase) Rated Power 1150 W Stall torque 4.7 Nm Stall current 3.2 A Rated torque 3.6 Nm Rated current 2.6 A (rms) cous peak torque 14.1 Nm ous peak current 9.7 A Rated speed 3000 rpm Maximum speed 4000 rpm ue constant ± 5% 1.46 Nm/A(rms)
Rated Power Stall torque 4.7 Nm Stall current Rated torque 3.6 Nm Rated current cous peak torque ous peak torque 0.7 A Rated speed Maximum speed
Stall torque Stall current Rated torque Rated current Pous peak torque Ous peak current Rated speed Maximum speed 4.7 Nm 3.2 A 3.6 Nm 2.6 A (rms) 2.6 A (rms) 4.1 Nm 4.1 Nm 4.2 Nm 4.3 Nm 4.4 Nm 4.5 Nm 4.6 Nm 4.7
Stall current Rated torque Rated current cous peak torque 0us peak current Rated speed Maximum speed 3.6 Nm 2.6 A (rms) 2.6 A (rms) 3.7 A 3.000 rpm 4000 rpm
Rated torque Rated current 2.6 A (rms) eous peak torque ous peak current Rated speed Maximum speed 3.6 Nm 2.6 A (rms) 14.1 Nm 9.7 A 4000 rpm
Rated current eous peak torque ous peak current Rated speed Maximum speed 2.6 A (rms) 14.1 Nm 9.7 A 3000 rpm 4000 rpm
eous peak torque ous peak current Rated speed Maximum speed 14.1 Nm 9.7 A 3000 rpm 4000 rpm
ous peak current9.7 ARated speed3000 rpmMaximum speed4000 rpm
Rated speed Maximum speed 4000 rpm
Maximum speed 4000 rpm
•
ue constant ± 5%
ge constant ± 5%
g resistance ± 5%
nding inductance 18.5 mH
7.3 Kg m2 x 10-4
Mass 6.7 kg
imum radial load 500 N
ximum axial load 250 N
(Standard) Encoder 5V line driver 2048 ppr
Operation Continuous
Insulation class F
oom temperature 0 to +40 °C
Protection rating IP55
Closure Totally enclosed, ventilated by natural convection
Mounting Coupled with flange
Aluminum flange 250x250x6 mm





Siboni S1401B/340

GENERAL CHARACTERISTICS

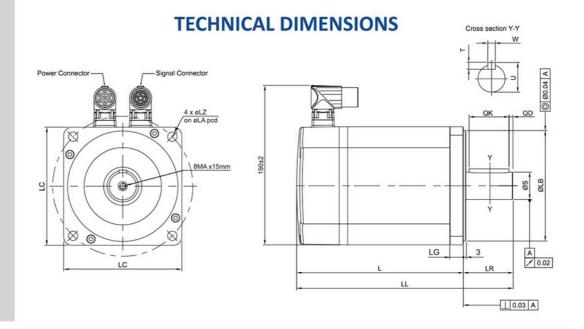
S1401B/340, customised for Tpa, is a brushless motor in 6 pole sinusoidal current, ideal when high performance for axis control is required.

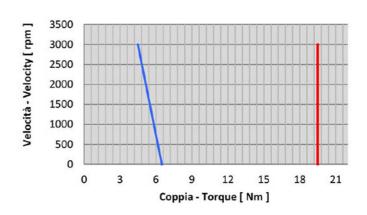


MECHANICAL DIMENSIONS

Туре	L	LL	LR	LG	LC	LA	LZ	Sh6	LB	QK	QD	U	W	Т
S01401B	196 (246)	246 (296)	50	16	139	165	11	24	130	40	4	27	8	7

The dimensions refer to motors with brake





	TEM ONIVIATOR FAIRD OF CONTOURS
ΔT Max Windings	105 °C
Supply Voltage	400 Vac (three phase)
Rated Power	1400 W
Stall torque	6.5 Nm
Stall current	4.8 A
Rated torque	6.5 Nm
Rated current	3.8 A (rms)
Instantaneous peak torque	19.5 Nm
Instantaneous peak current	18.7 A
Rated speed	3000 rpm
Maximum speed	4000 rpm
Torque constant ± 5%	1.35 Nm/A(rms)
Voltage constant ± 5%	82.0 Vrms /Krpm
Winding resistance ± 5%	2.1 ohm
Winding inductance	25.0 mH
Rotor moment of inertia	19.5 Kg m2 x 10-4
Mass	7.0 kg
Maximum radial load	600 N
Maximum axial load	300 N
Applicable transducer (Standard)	Encoder 5V line driver 2048 ppr
Operation	Continuous
Insulation class	Class F
Room temperature	0 to +40 °C
Protection rating	IP55
Closure	Totally enclosed, ventilated by natural convection
Mounting	Coupled with flange
Aluminum flange	250x250x6 mm

