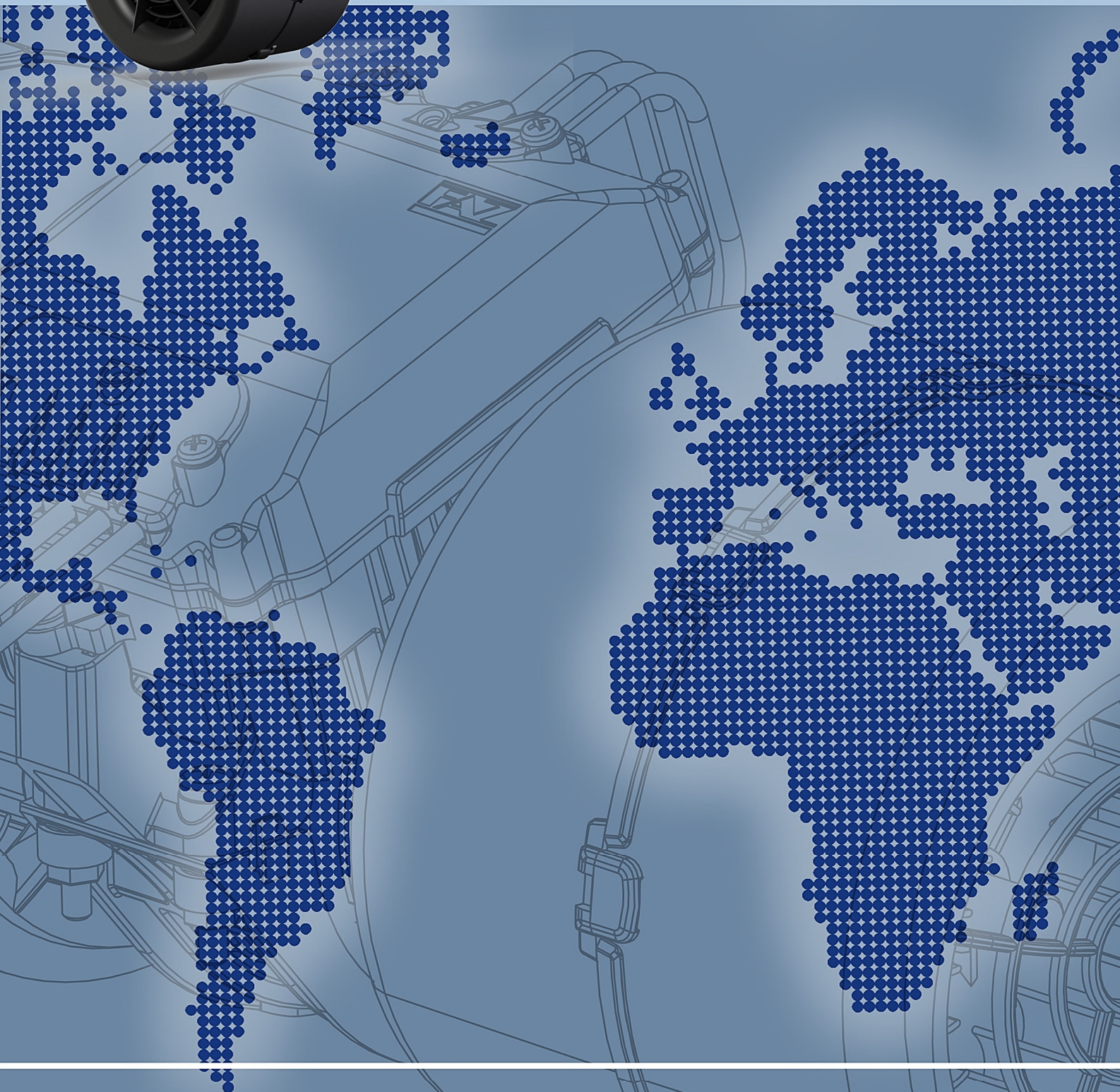
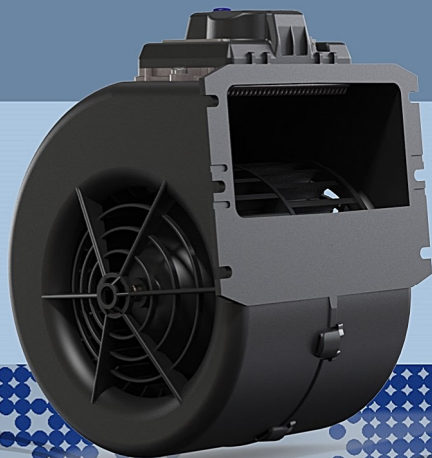
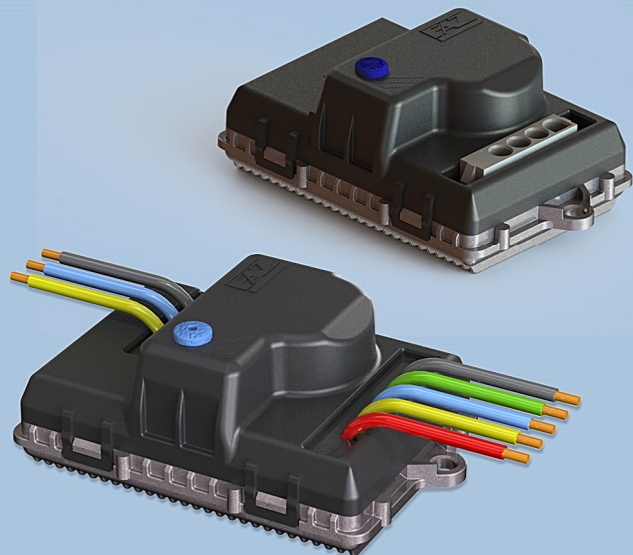




Radial Blowers
BLDC 12V & 24V

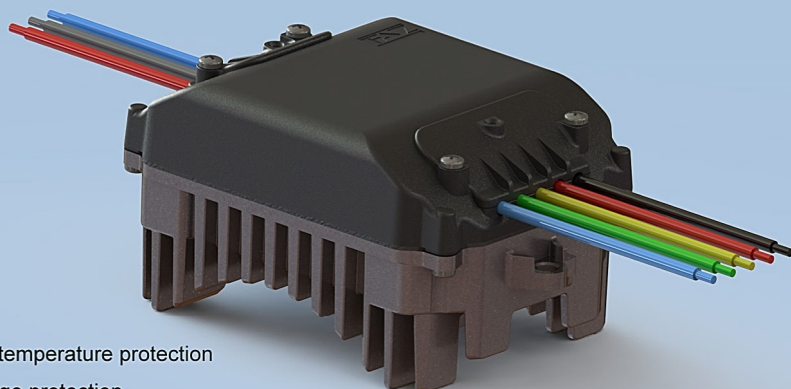


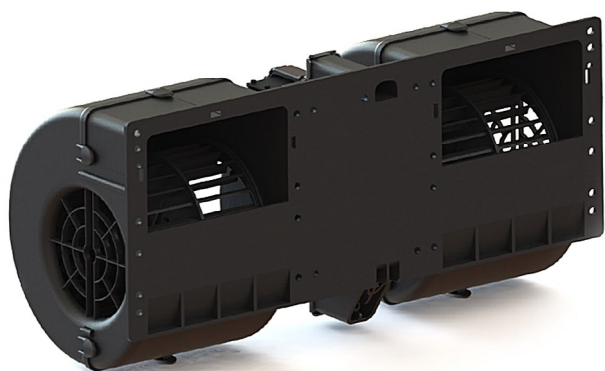
TYPE 4

Material	: Housing: Aluminium alloy, Cover : PA6 GF30
Ingress Protection	: IP 66
Control methods	: Direct voltage, PWM signal, 0-10V, potentiometer, discrete three speed
Safety features	: Reverse polarity and locked-rotor protection, internal drive failure, under/over-voltage detection, tachometer output
Rating	: 30 A max @ 12V DC / 15 A max @ 24V DC (Up to 85°C)

TYPE 5

Material	: Housing: Aluminium alloy, Cover : PA6 GF30
Ingress Protection	: IP 68
Control methods	: Direct voltage, PWM signal, 0-10V, potentiometer, discrete three speed
Safety features	: Reverse polarity and locked-rotor protection, over temperature protection, centralized load dump protection, under/over-voltage protection, over current protection, overload protection, tachometer output, internal drive failure
Rating	: 30 A max @ 12V DC / 15 A max @ 24V DC (Up to 85°C)
Features	: ISO 16750 compliant





with Ø3" inrunner motor

Material	: Housing: PA6 GF30, Impeller: PA6 GF30	
Ingress Protection	: Motor: IP 24 Motor, Electronics: IP 66	
Insulation class	: Class "F"	
Mounting position	: Any	
Mode of operation	: PWM-Analog continuous operation	
Bearings	: Double ball bearings	
Safety Features	: Reverse polarity and locked-rotor protection, centralized load dump protection, under/over-voltage detection	
EMC directive	: ECE R10 (E mark)	

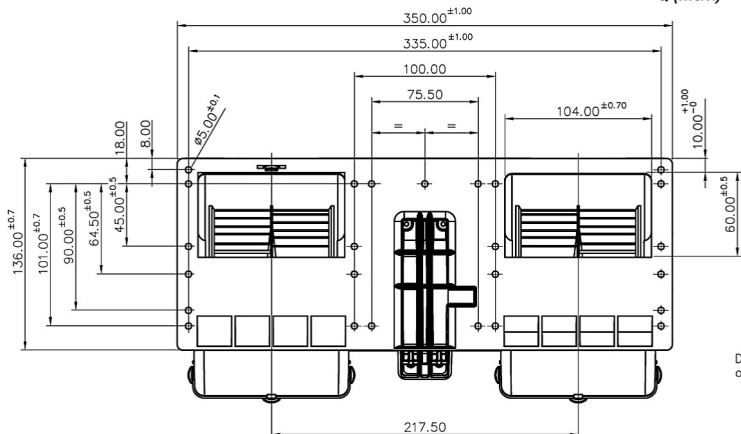
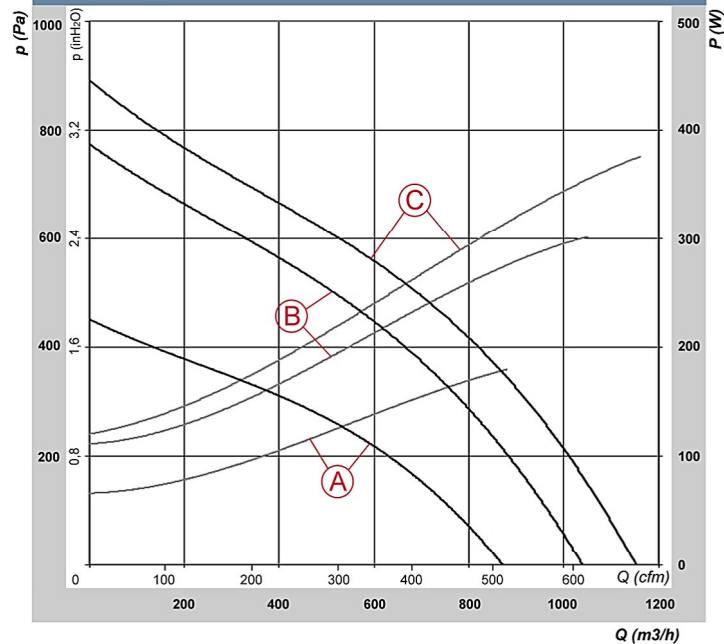


Nominal Data

Nominal Data		Performance Data										
		Curve	Nominal voltage		Operating voltage range		Air flow	Speed	Input power	Current draw	Noise level (max.speed)	Max. amb. temp.
Type		VDC	VDC	m³/h	rpm	W	A	dB(A)	°C	kg		
6401707	A	12	9-16	900	3250	180	14	72,5	-40..+85	2,25	Discrete 3 Speed	
6401708	A	12	9-16	900	3250	180	14	72,5	-40..+85	2,25	PWM / Variable Speed	
6401709	B	12	9-16	1050	3800	300	23	76,5	-40..+50	2,25	Discrete 3 Speed	
6401733	B	12	9-16	1050	3800	300	23	76,5	-40..+50	2,25	PWM / Variable Speed	
6401905	C	12	9-16	1200	4100	380	29	77,5	-40..+50	2,25	Discrete 3 Speed	
6401908	C	12	9-16	1200	4100	380	29	77,5	-40..+50	2,25	PWM / Variable Speed	

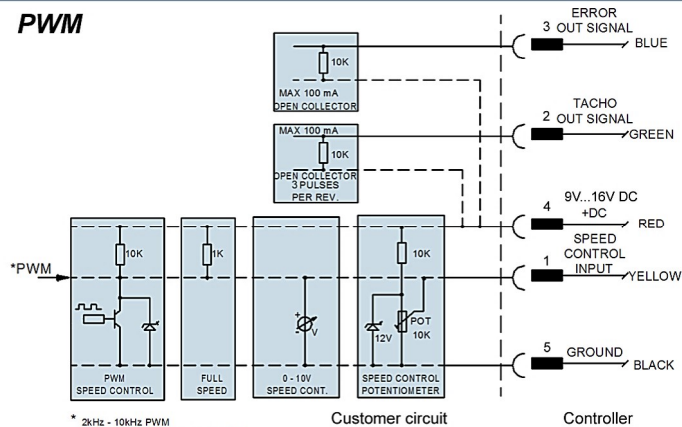
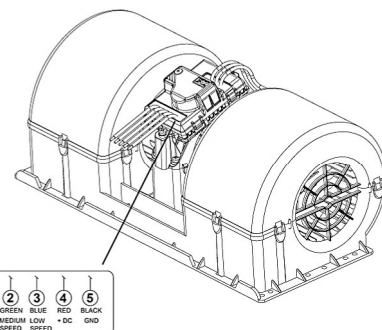
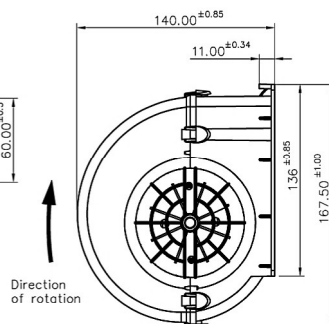
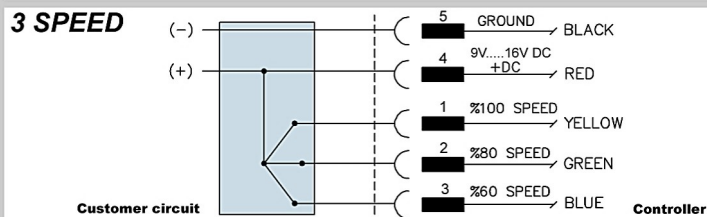
Test voltage is 13.0V DC

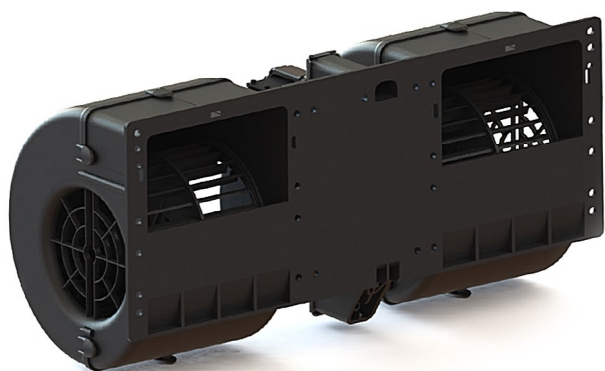
Curves



Electrical connections

PWM

**3 SPEED**



with Ø3" inrunner motor

- Material** : Housing: PA6 GF30, Impeller: PA6 GF30
Ingress Protection : Motor: IP 24 Motor, Electronics: IP 66
Insulation class : Class "F"
Mounting position : Any
Mode of operation : PWM-Analog continuous operation
Bearings : Double ball bearings
Safety Features : Reverse polarity and locked-rotor protection, centralized load dump protection, under/over-voltage detection
EMC directive : ECE R10 (E mark)

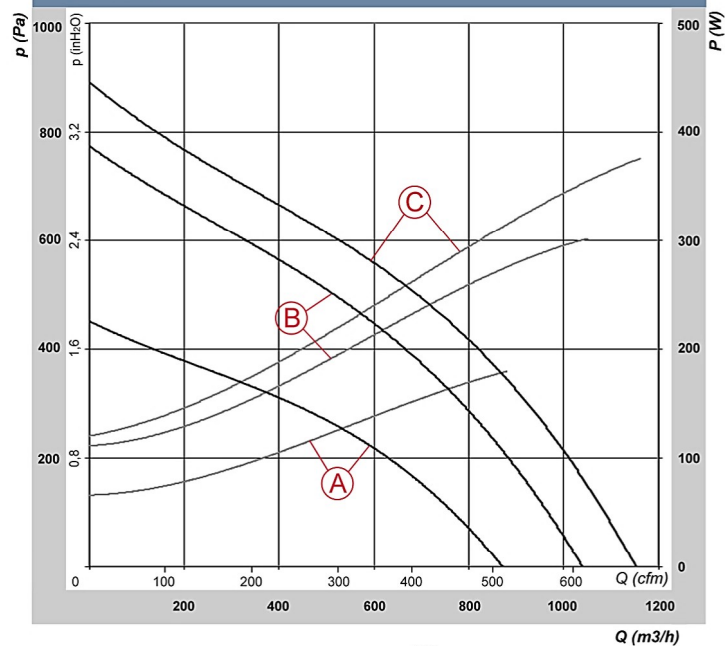


Nominal Data

Type	Curve	Nominal voltage	Operating voltage range	Air flow	Speed	Input power	Current draw	Noise level (max.speed)	Max. amb. temp.	Mass	Control type
		VDC	VDC	m³/h	rpm	W	A	dB(A)	°C	kg	
6401762	A	24	16-32	900	3250	170	6,5	72,5	-40..+85	2,25	Discrete 3 Speed
6401852	A	24	16-32	900	3250	170	6,5	72,5	-40..+85	2,25	PWM / Variable Speed
6401506	B	24	16-32	1050	3800	300	11,5	76,5	-40..+50	2,25	Discrete 3 Speed
6401851	B	24	16-32	1050	3800	300	11,5	76,5	-40..+50	2,25	PWM / Variable Speed
6401864	C	24	16-32	1200	4100	370	14	77,5	-40..+50	2,25	Discrete 3 Speed
6401848	C	24	16-32	1200	4100	370	14	77,5	-40..+50	2,25	PWM / Variable Speed

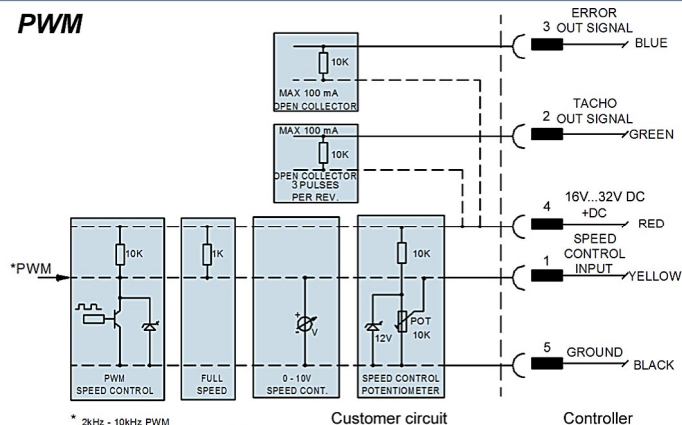
Test voltage is 26,0V DC

Curves

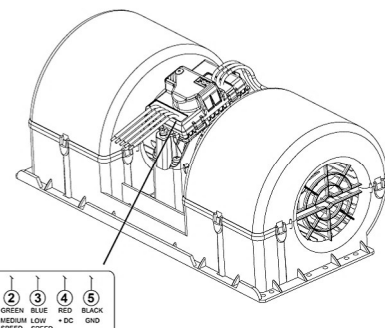
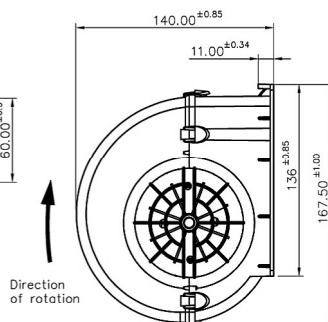
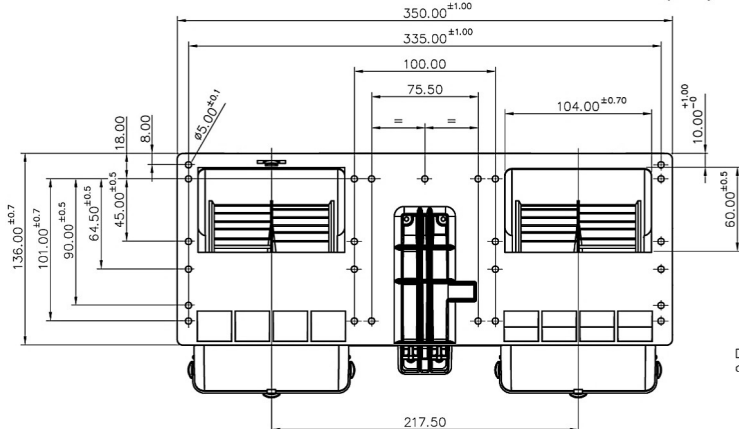
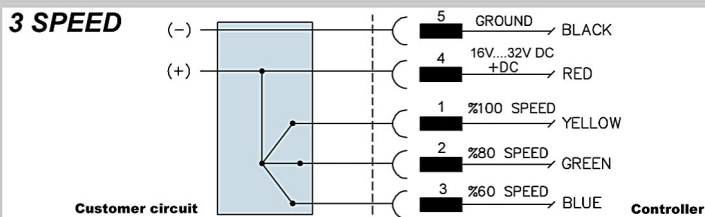


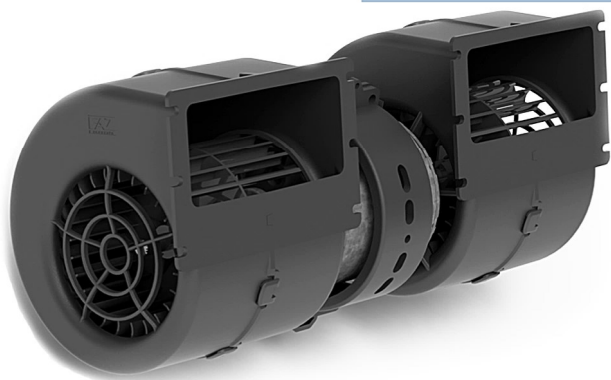
Electrical connections

PWM



3 SPEED





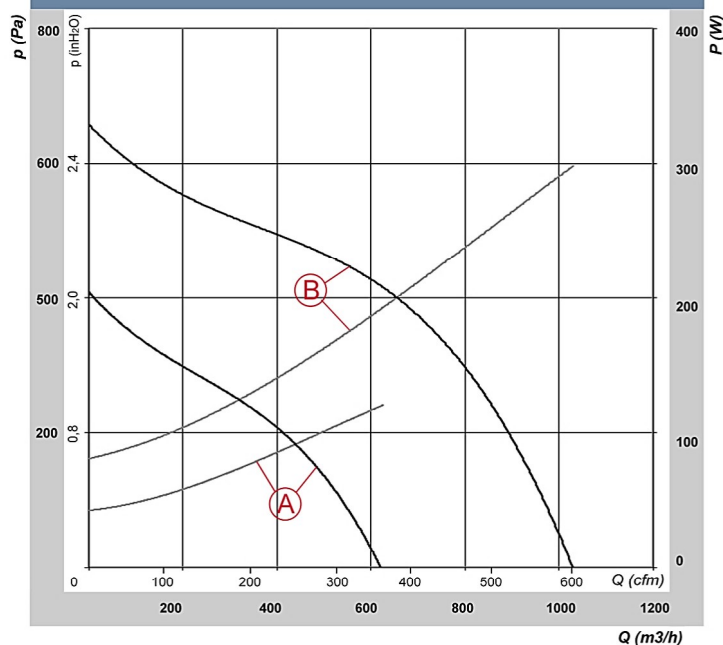
with Ø3" inrunner motor

Material	: Housing: PA6 GF30, Impeller: PA6 GF30
Ingress Protection	: Motor: IP 24 Motor, Electronics: IP 66
Insulation class	: Class "F"
Mounting position	: Any
Mode of operation	: PWM-Analog continuous operation
Bearings	: Double ball bearings
Safety Features	: Reverse polarity and locked-rotor protection, over heating protection centralized load dump protection, under/over-voltage detection, over current protection
EMC directive	: ECE R10 (E mark)



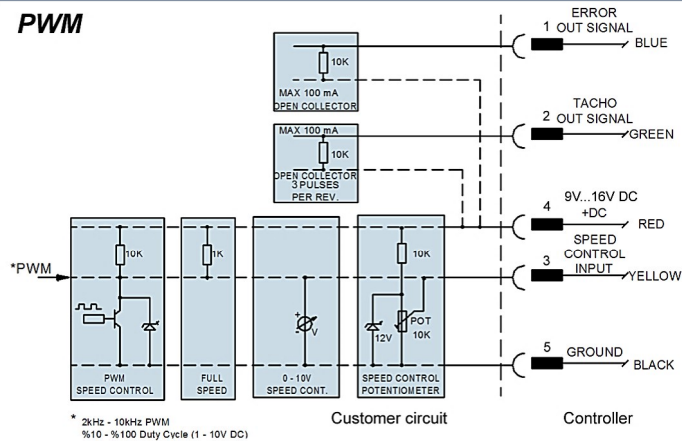
Nominal Data												
	Curve	Nominal voltage		Operating voltage range	Air flow	Speed	Input power	Current draw	Noise level (max.speed)	Max. amb. temp.	Mass	Control type
Type		VDC	VDC		m³/h	rpm	W	A	dB(A)	°C	kg	
6401512	A	12	9-16		650	3750	170	13	67,5	-40..+85	1,60	Discrete 3 Speed
6401871	A	12	9-16		650	3750	170	13	67,5	-40..+85	1,60	PWM / Variable Speed
6401513	B	12	9-16		1000	3400	300	23	76,5	-40..+50	2,10	Discrete 3 Speed
6401515	B	12	9-16		1000	3400	300	23	76,5	-40..+50	2,10	PWM / Variable Speed
Test voltage is 13.0V DC												

Curves

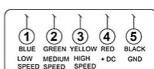
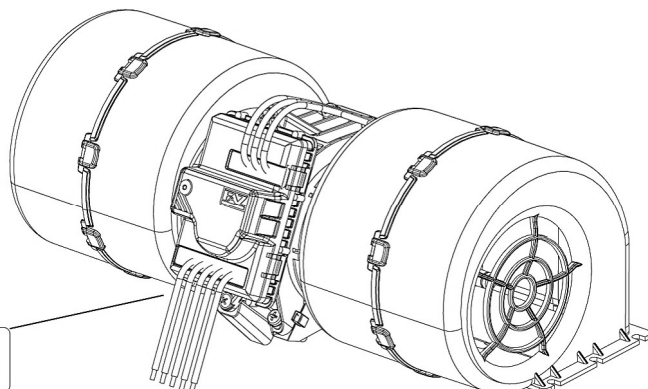
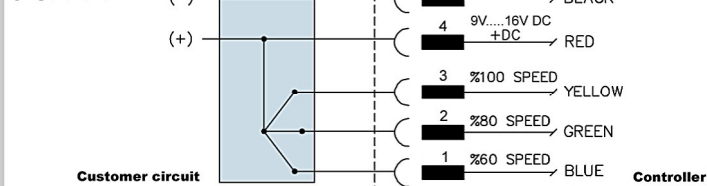


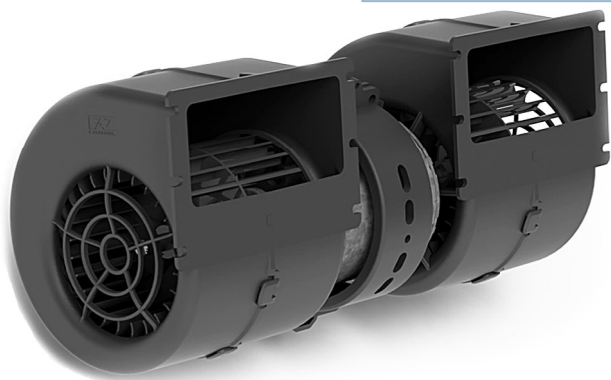
Electrical connections

PWM



3 SPEED





with Ø3" inrunner motor

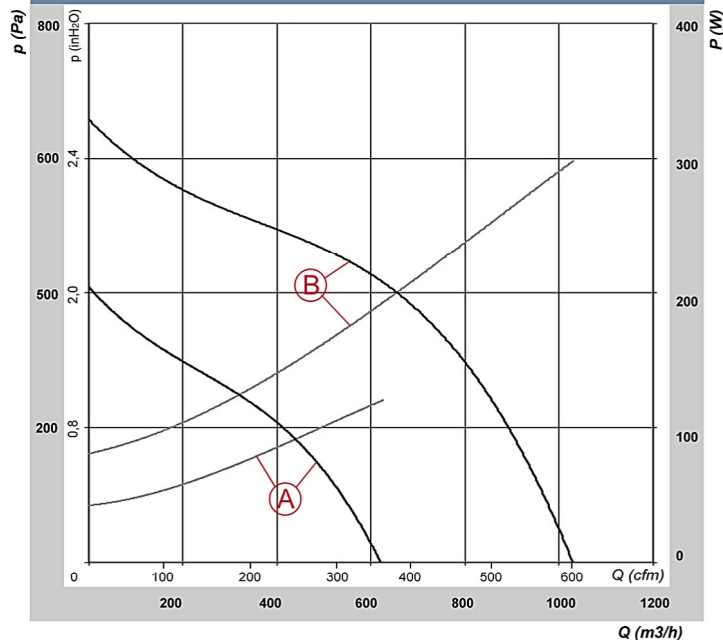
Material	: Housing: PA6 GF30, Impeller: PA6 GF30
Ingress Protection	: Motor: IP 24 Motor, Electronics: IP 66
Insulation class	: Class "F"
Mounting position	: Any
Mode of operation	: PWM-Analog continuous operation
Bearings	: Double ball bearings
Safety Features	: Reverse polarity and locked-rotor protection, over heating protection centralized load dump protection, under/over-voltage detection, over current protection
EMC directive	: ECE R10 (E mark)



Nominal Data	Curve	Nominal voltage	Operating voltage range	Air flow	Speed	Input power	Current draw	Noise level (max.speed)	Max. amb. temp.	Mass	Control type
Type		VDC	VDC	m ³ /h	rpm	W	A	dB(A)	°C	kg	
6401516	A	24	16-32	650	3750	160	6	67,5	-40..+85	1,60	Discrete 3 Speed
6401854	A	24	16-32	650	3750	160	6	67,5	-40..+85	1,60	PWM / Variable Speed
6401525	B	24	16-32	1000	3400	300	11,5	76,5	-40..+50	2,10	Discrete 3 Speed
6401855	B	24	16-32	1000	3400	300	11,5	76,5	-40..+50	2,10	PWM / Variable Speed

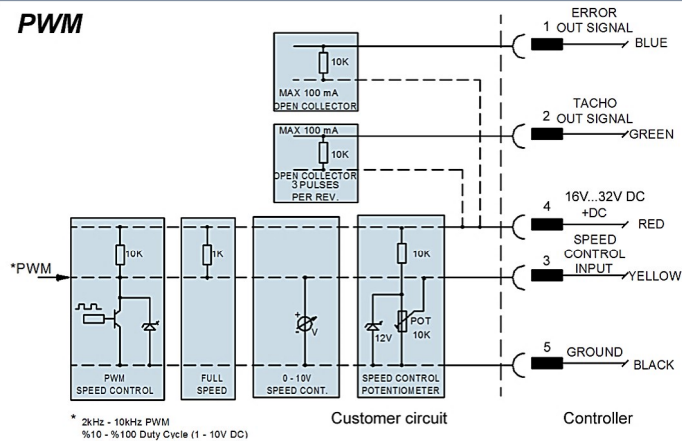
Test voltage is 26,0V DC

Curves

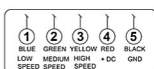
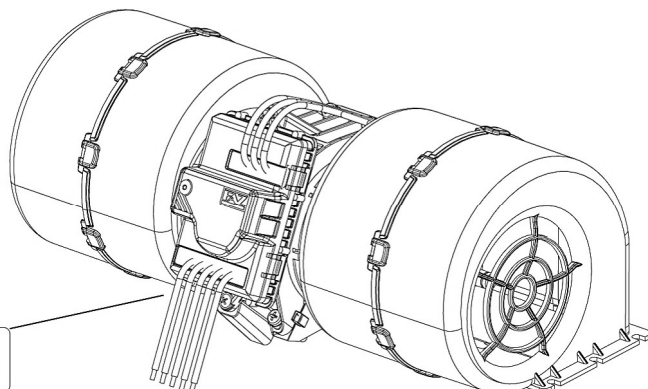
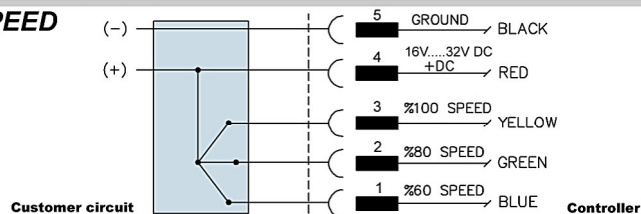


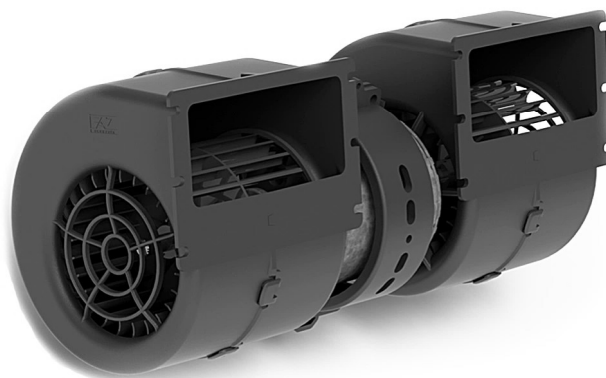
Electrical connections

PWM

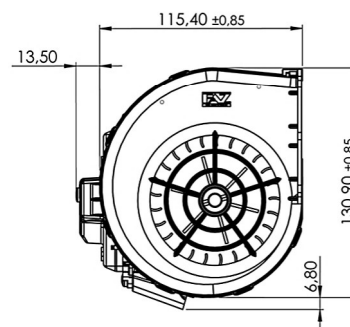
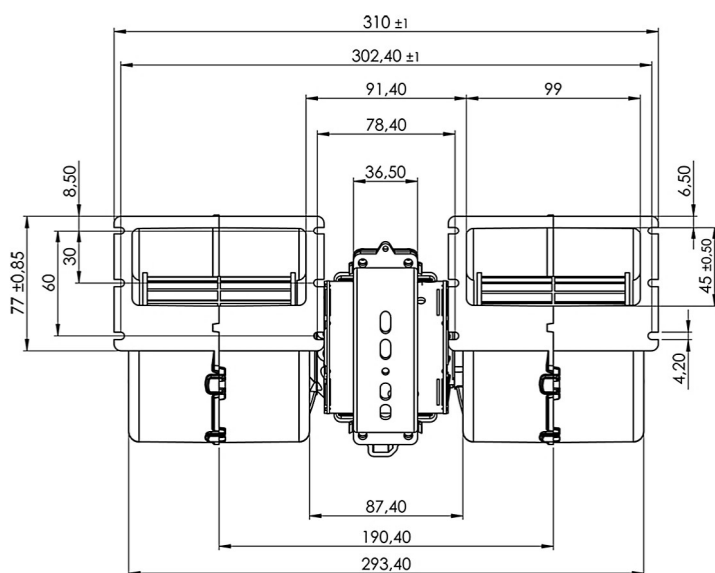


3 SPEED

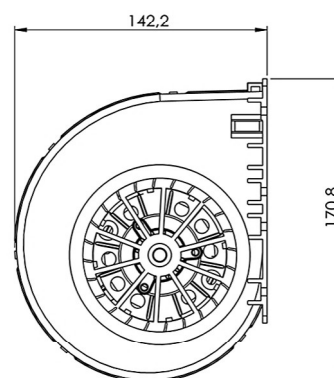
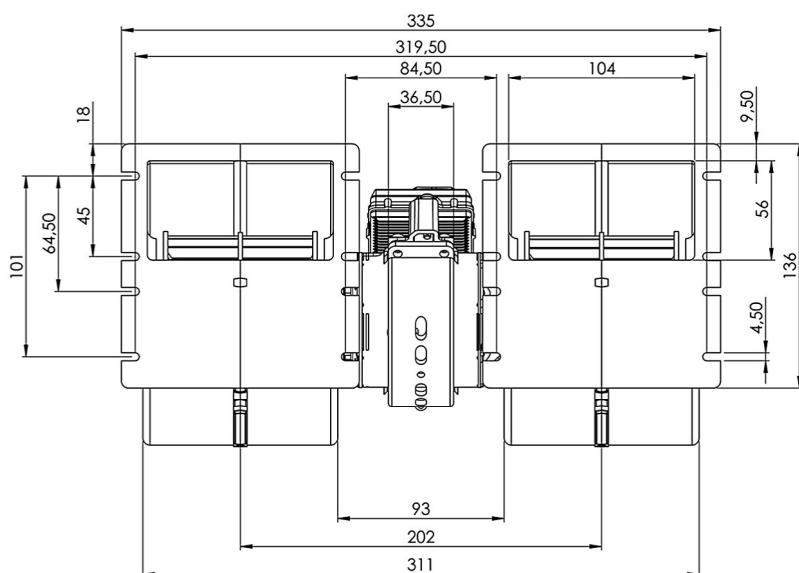




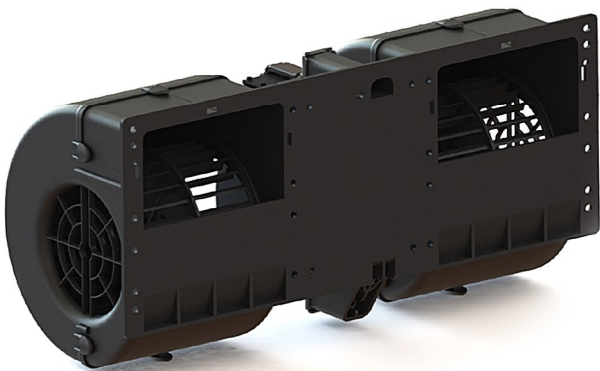
6401512, 6401871, 6401516, 6401854



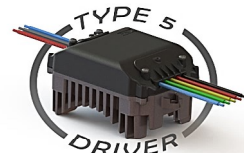
6401513, 6401515, 6401525, 6401855



with Ø3" inrunner motor



Material	: Housing: PA6 GF30, Impeller: PA6 GF30
Ingress Protection	: Motor: IP 24 Motor, Electronics: IP 68
Insulation class	: Class "F"
Mounting position	: Any
Mode of operation	: PWM-Analog continuous operation
Bearings	: Double ball bearings
Safety Features	: Reverse polarity and locked-rotor protection, over temperature protection centralized load dump protection, under/over-voltage protection, over current protection, overload protection, tachometer output, internal drive failure
EMC directive	: ECE R10 (E mark)

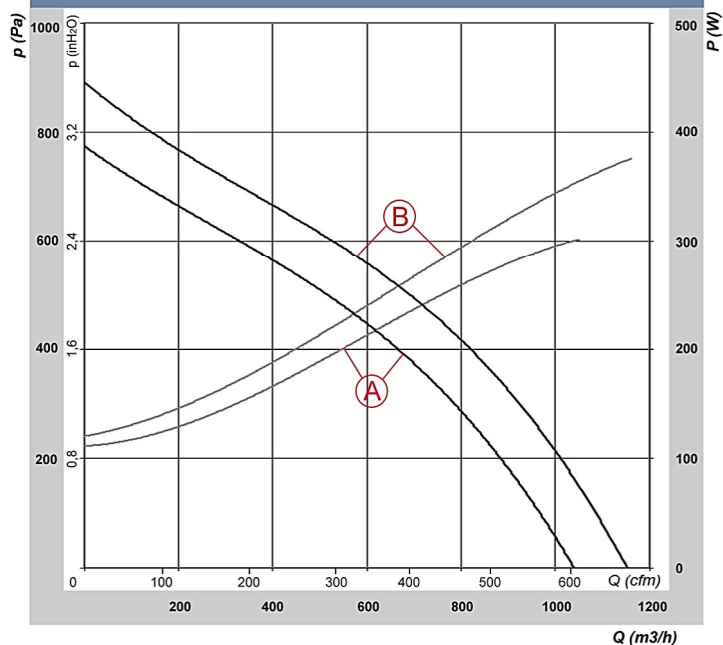


Nominal Data

Type	Curve	Nominal voltage VDC	Operating voltage range VDC	Airflow m³/h	Speed rpm	Input power W	Current draw A	Noise level(max.speed) dB(A)	Max. amb. temp. °C	Mass kg	Control type
6401705	A	12	9-16	1050	3800	300	23	76	-40...+85	2,25	Discrete 3 Speed
6401706	A	12	9-16	1050	3800	300	23	76	-40...+85	2,25	PWM / Variable Speed
6401530	B	12	9-16	1200	4100	370	28	78	-40...+85	2,25	Discrete 3 Speed
6401873	B	12	9-16	1200	4100	370	28	78	-40...+85	2,25	PWM / Variable Speed

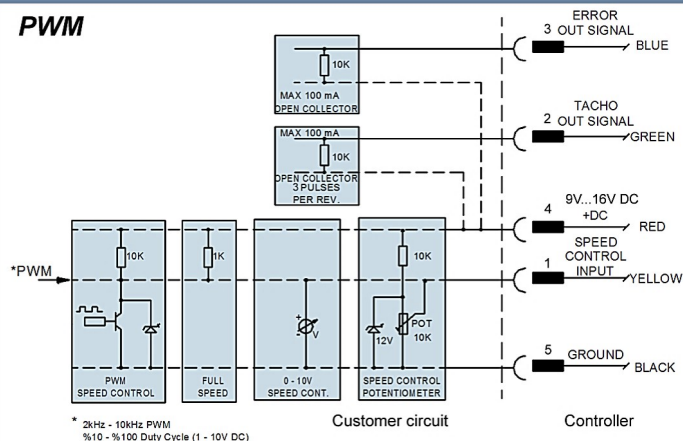
Test voltage is 13,0V DC

Curves

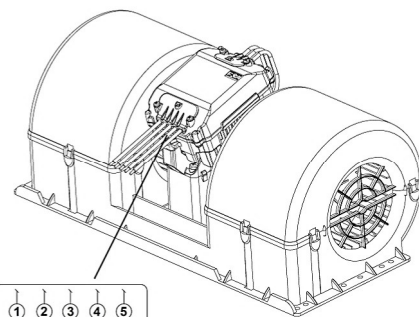
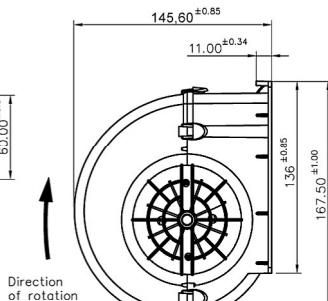
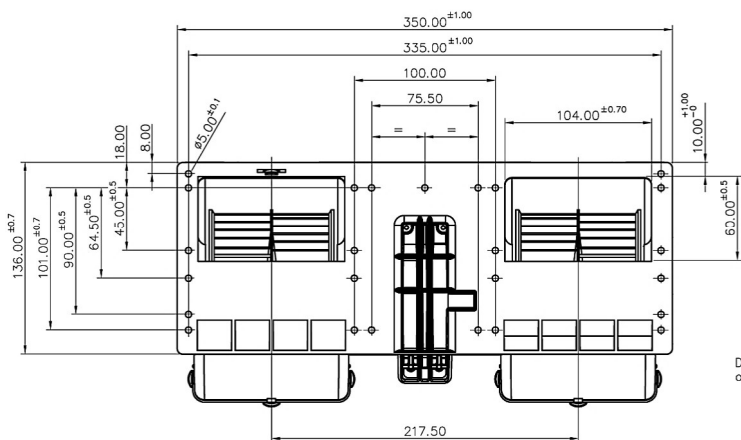
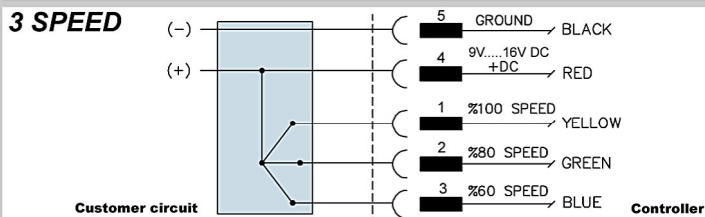


Electrical connections

PWM

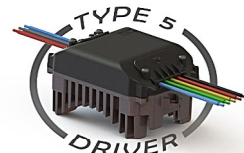


3 SPEED



with Ø3" inrunner motor

Material	: Housing: PA6 GF30, Impeller: PA6 GF30
Ingress Protection	: Motor: IP 24 Motor, Electronics: IP 68
Insulation class	: Class "F"
Mounting position	: Any
Mode of operation	: PWM-Analog continuous operation
Bearings	: Double ball bearings
Safety Features	: Reverse polarity and locked-rotor protection, over temperature protection centralized load dump protection, under/over-voltage protection, over current protection, overload protection, tachometer output, internal drive failure
EMC directive	: ECE R10 (E mark)

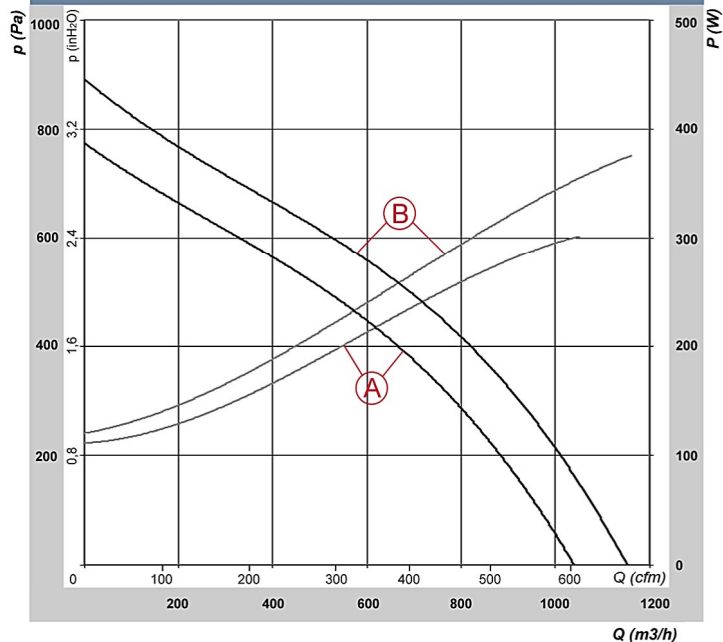


Nominal Data

Type	Curve	Nominal voltage	Operating voltage range	Airflow	Speed	Input power	Current draw	Noise level(max.speed)	Max. amb. temp.	Mass	Control type
		VDC	VDC	m³/h	rpm	W	A	dB(A)	°C	kg	
6401509	A	24	16-32	1050	3800	300	11,5	76	-40...+85	2,25	Discrete 3 Speed
6401538	A	24	16-32	1050	3800	300	11,5	76	-40...+85	2,25	PWM / Variable Speed
6401541	B	24	16-32	1200	4100	370	14	78	-40...+85	2,25	Discrete 3 Speed
6401868	B	24	16-32	1200	4100	370	14	78	-40...+85	2,25	PWM / Variable Speed

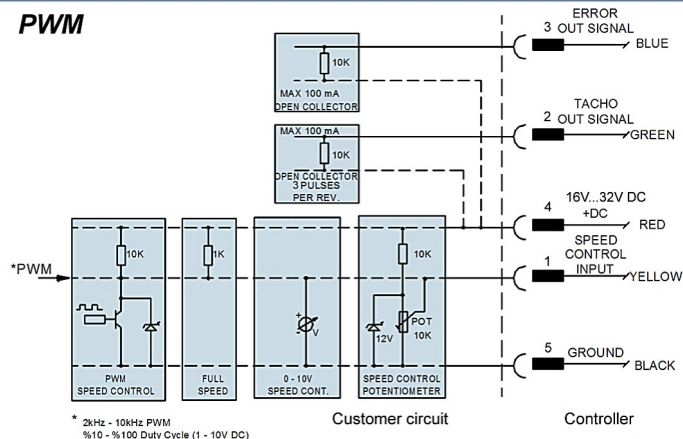
Test voltage is 26,0V DC

Curves

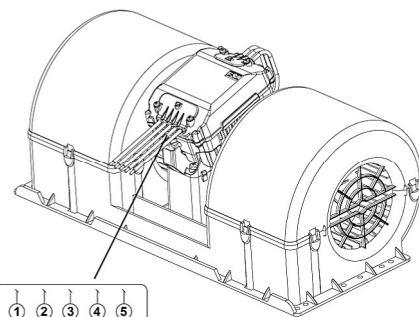
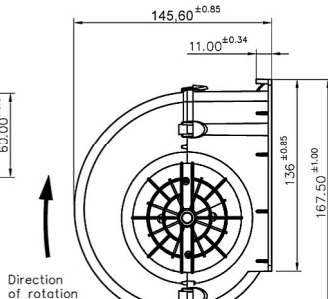
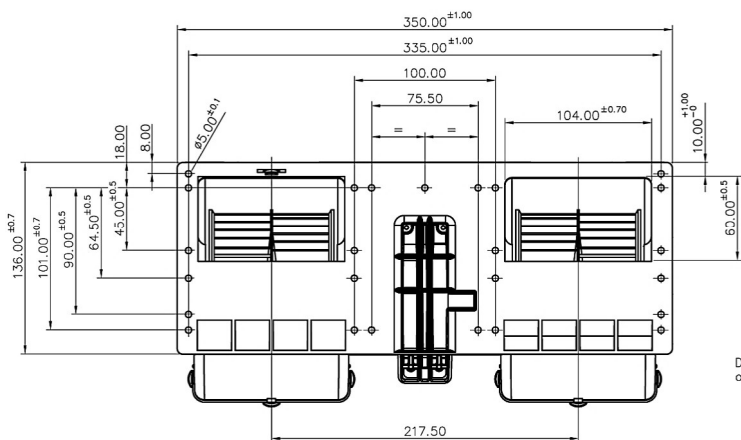
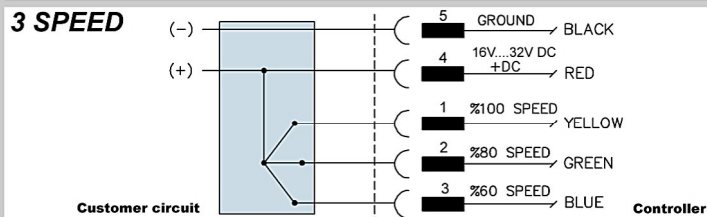


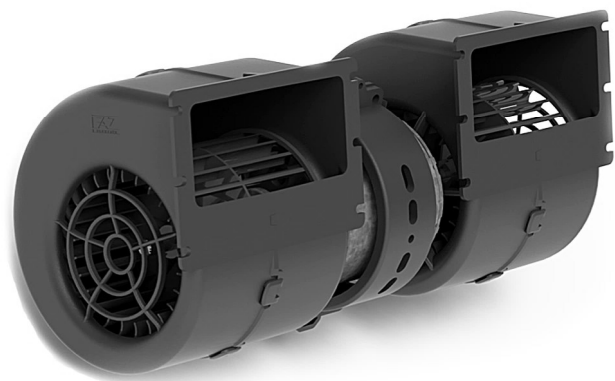
Electrical connections

PWM



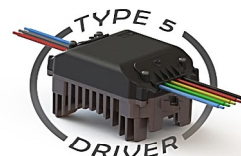
3 SPEED





with Ø3" inrunner motor

Material	: Housing: PA6 GF30, Impeller: PA 6 GF 30
Ingress Protection	: Motor: IP 24 Motor, Electronics: IP 66
Insulation class	: Class "F"
Mounting position	: Any
Mode of operation	: PWM-Analog continuous operation
Bearings	: Double ball bearings
Safety Features	: Reverse polarity and locked-rotor protection, over temperature protection centralized load dump protection, under/over-voltage protection, over current protection, overload protection, tacho output, internal drive failure
EMC directive	: ECE R10 (E mark)

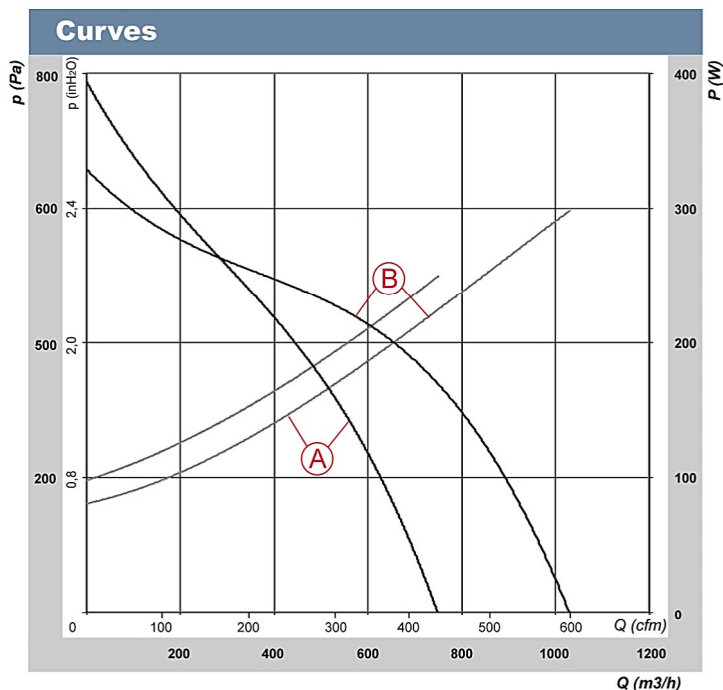


Nominal Data

Type	Curve	Nominal voltage	Operating voltage range	Air flow	Speed	Input power	Current draw	Noise level (max.speed)	Max. amb. temp.	Mass	Control type
		VDC	VDC	m³/h	rpm	W	A	dB(A)	°C	kg	
6401542	A	12	9-16	750	4400	250	19,5	67,5	-40..+85	1,60	Discrete 3 Speed
6401545	A	12	9-16	750	4400	250	19,5	67,5	-40..+85	1,60	PWM / Variable Speed
6401546	B	12	9-16	1000	3400	300	23	76,5	-40..+85	2,10	Discrete 3 Speed
6401573	B	12	9-16	1000	3400	300	23	76,5	-40..+85	2,10	PWM / Variable Speed

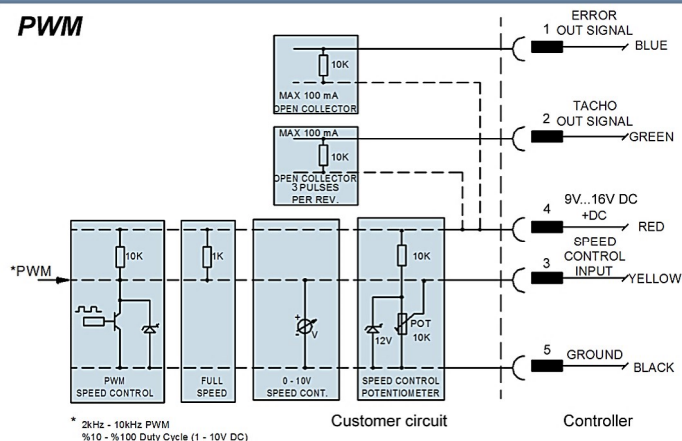
Test voltage is 13,0V DC

Curves

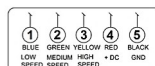
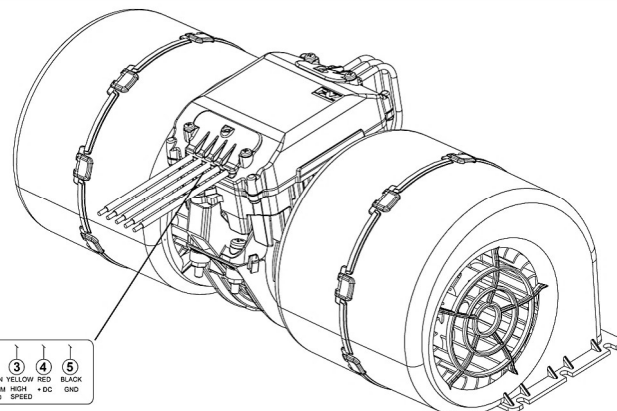
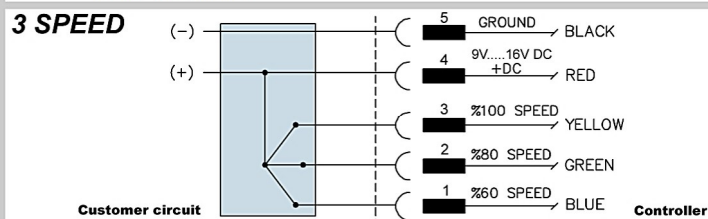


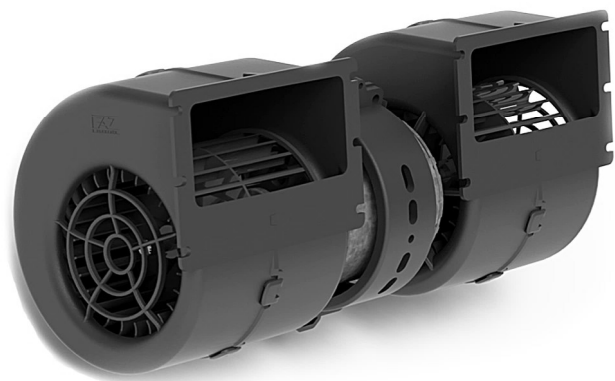
Electrical connections

PWM



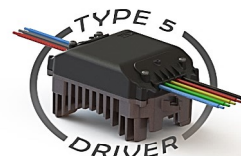
3 SPEED





with Ø3" inrunner motor

Material	: Housing: PA6 GF30, Impeller: PA6 GF30
Ingress Protection	: Motor: IP 24 Motor, Electronics: IP 66
Insulation class	: Class "F"
Mounting position	: Any
Mode of operation	: PWM-Analog continuous operation
Bearings	: Double ball bearings
Safety Features	: Reverse polarity and locked-rotor protection, over temperature protection centralized load dump protection, under/over-voltage protection, over current protection, overload protection, tacho output, internal drive failure
EMC directive	: ECE R10 (E mark)

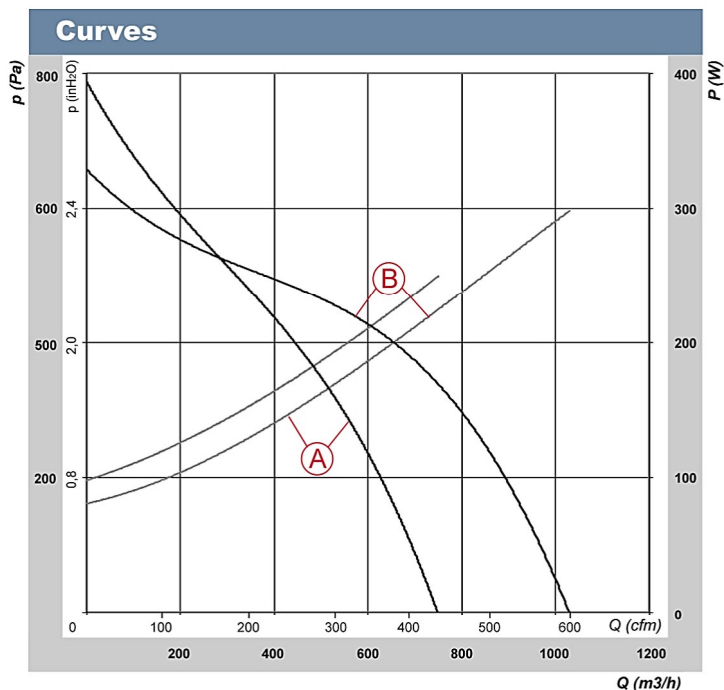


Nominal Data

Type	Curve	Nominal voltage	Operating voltage range	Air flow	Speed	Input power	Current draw	Noise level (max.speed)	Max. amb. temp.	Mass	Control type
		VDC	VDC	m ³ /h	rpm	W	A	dB(A)	°C	kg	
6401574	A	24	16-32	750	4400	250	9,5	67,5	-40..+85	1,60	Discrete 3 Speed
6401575	A	24	16-32	750	4400	250	9,5	67,5	-40..+85	1,60	PWM / Variable Speed
6401577	B	24	16-32	1000	3400	250	9,5	76,5	-40..+85	2,10	Discrete 3 Speed
6401595	B	24	16-32	1000	3400	250	9,5	76,5	-40..+85	2,10	PWM / Variable Speed

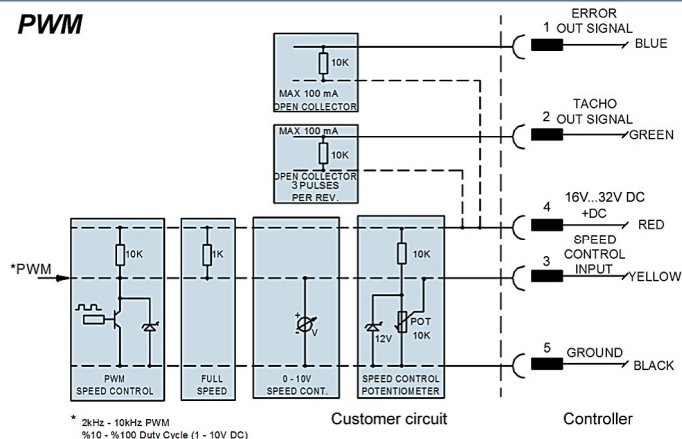
Test voltage is 26,0V DC

Curves

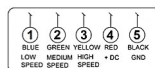
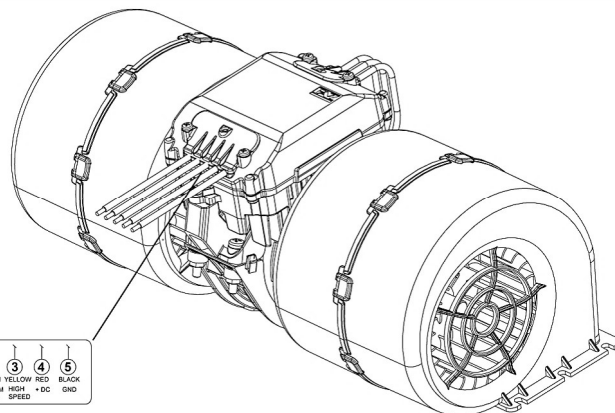
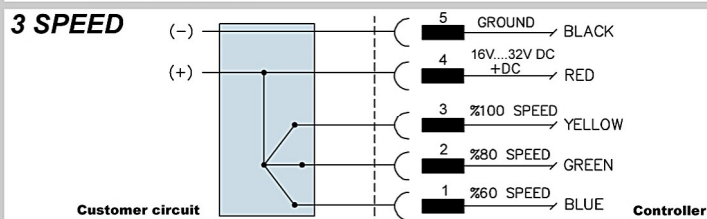


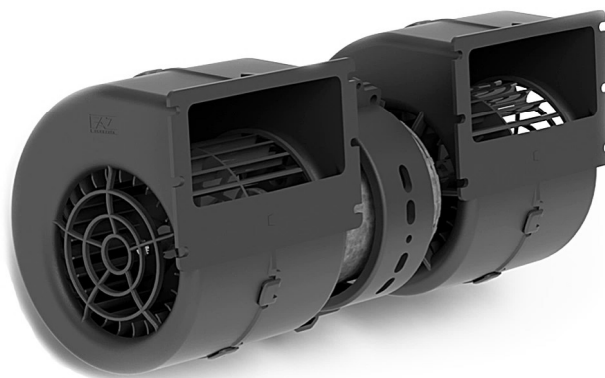
Electrical connections

PWM

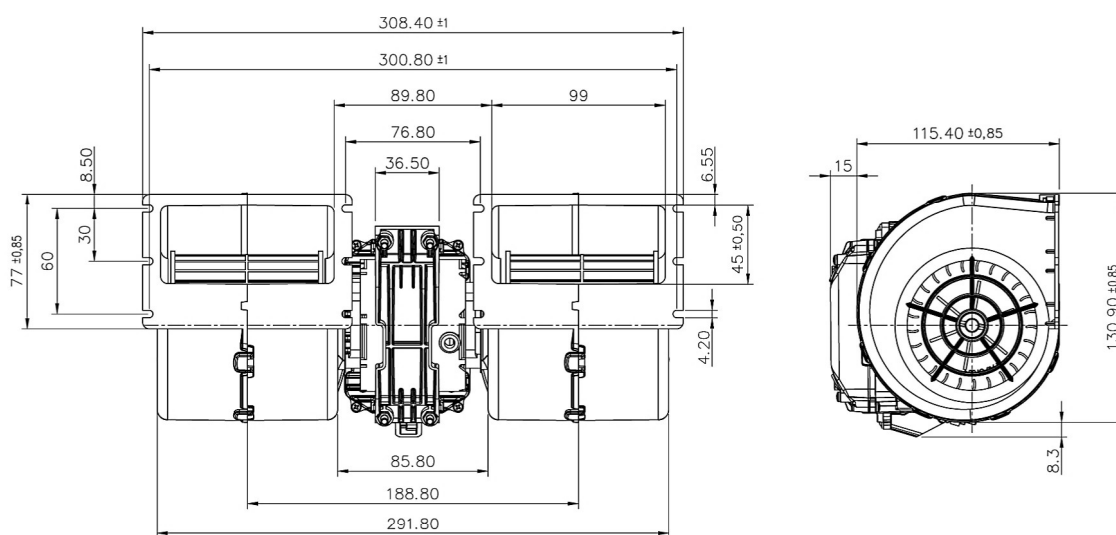


3 SPEED

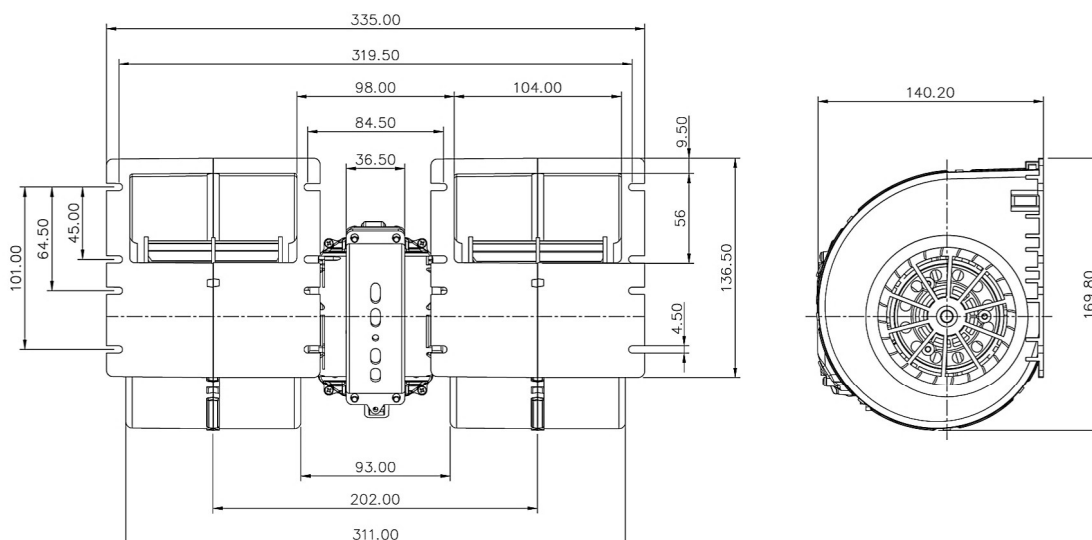




6401542, 6401545, 6401574, 6401575



6401546, 6401573, 6401577, 6401595





with Ø3" inrunner motor

- Material** : Housing: PA6 GF30, Impeller: PA6 GF30
Ingress Protection : Motor: IP 24 Motor, Electronics: IP 66
Insulation class : Class "F"
Mounting position : Any
Mode of operation : PWM-Analog continuous operation
Bearings : Double ball bearings
Safety Features : Reverse polarity and locked-rotor protection, centralized load dump protection, under/over-voltage detection
EMC directive : ECE R10 (E mark)

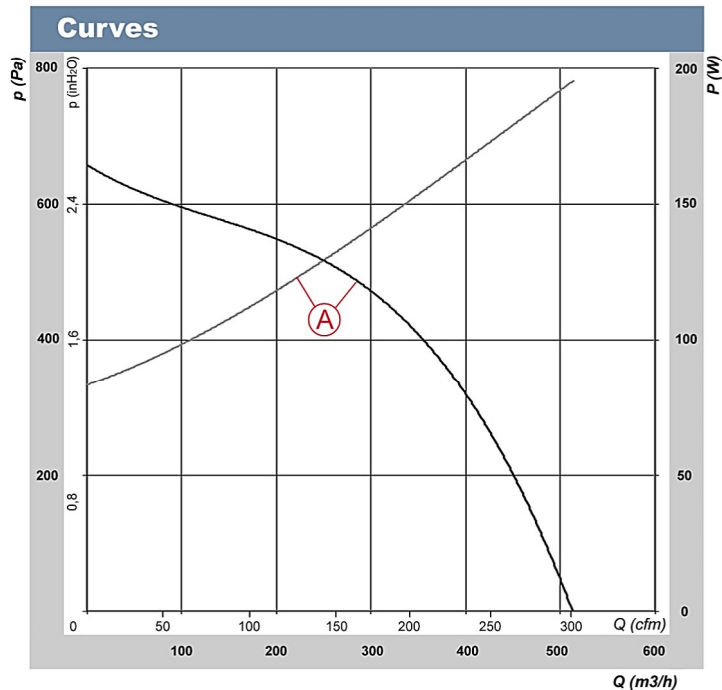


Nominal Data

Type	Curve	Nominal voltage	Operating voltage range	Air flow	Speed	Input power	Current draw	Noise level(max.speed)	Max. amb. temp.	Mass	Control type
		VDC	VDC	m³/h	rpm	W	A	dB(A)	°C	kg	
6401526	A	12	9-16	500	3800	195	15	76	-40...+85	1,30	Discrete 3 Speed
6401874	A	12	9-16	500	3800	195	15	76	-40...+85	1,30	PWM / Variable Speed

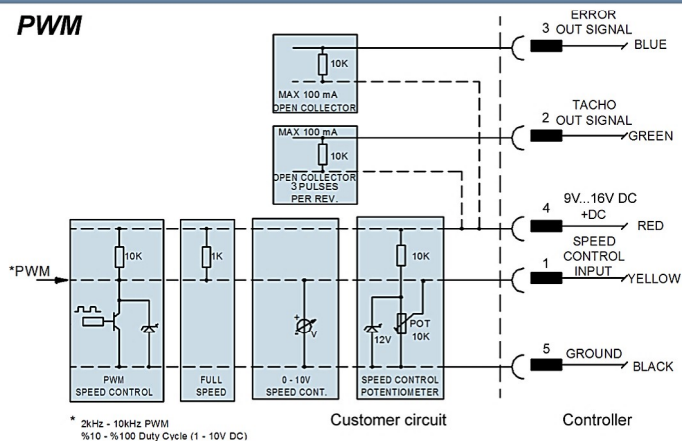
Test voltage is 13,0V DC

Curves



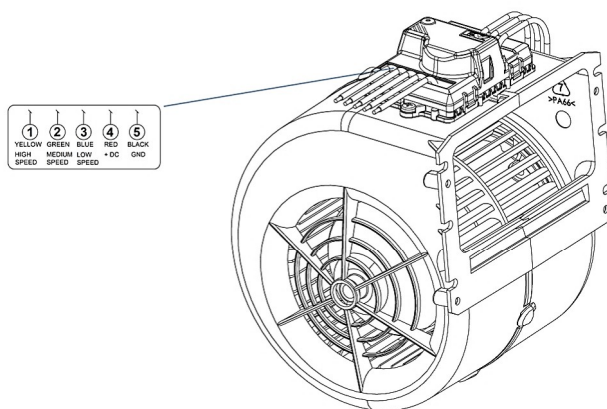
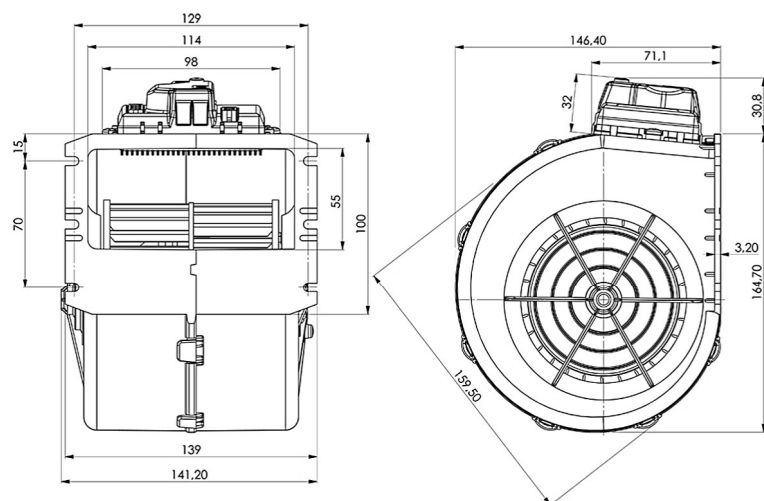
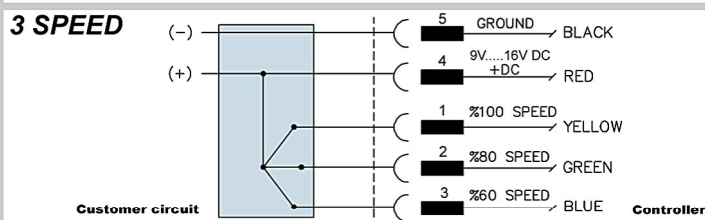
Electrical connections

PWM



* 2kHz - 10kHz PWM
%10 - %100 Duty Cycle (1 - 10V DC)

3 SPEED





with Ø3" inrunner motor

- Material** : Housing: PA6 GF30, Impeller: PA6 GF30
Ingress Protection : Motor: IP 24 Motor, Electronics: IP 66
Insulation class : Class "F"
Mounting position : Any
Mode of operation : PWM-Analog continuous operation
Bearings : Double ball bearings
Safety Features : Reverse polarity and locked-rotor protection, centralized load dump protection, under/over-voltage detection
EMC directive : ECE R10 (E mark)

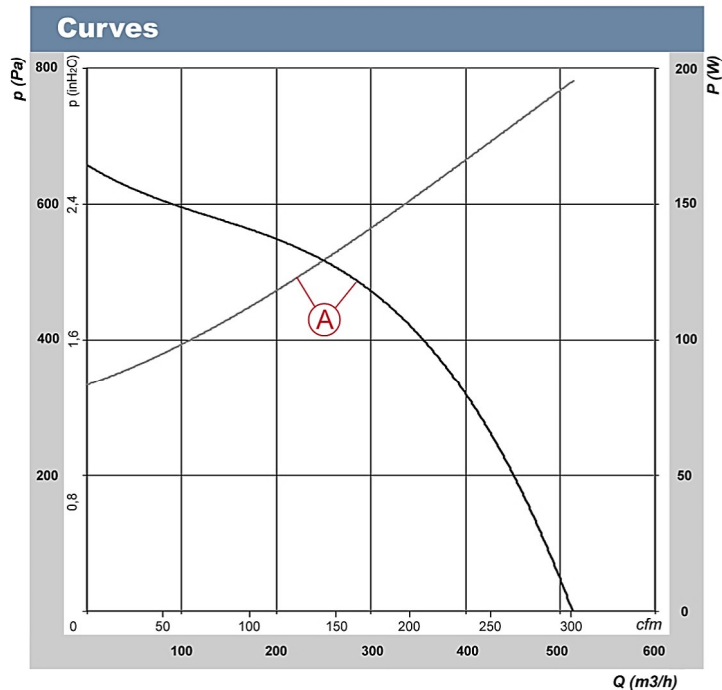


Nominal Data

Type	Curve	Nominal voltage	Operating voltage range	Air flow	Speed	Input power	Current draw	Noise level(max.speed)	Max. amb. temp.	Mass	Control type
		VDC	VDC	m³/h	rpm	W	A	dB(A)	°C	kg	
6401527	A	24	16-32	500	3800	195	7,5	76	-40...+85	1,30	Discrete 3 Speed
6401850	A	24	16-32	500	3800	195	7,5	76	-40...+85	1,30	PWM / Variable Speed

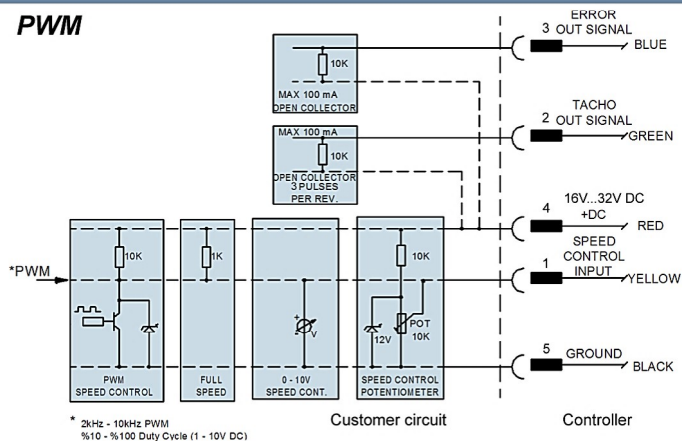
Test voltage is 26,0V DC

Curves

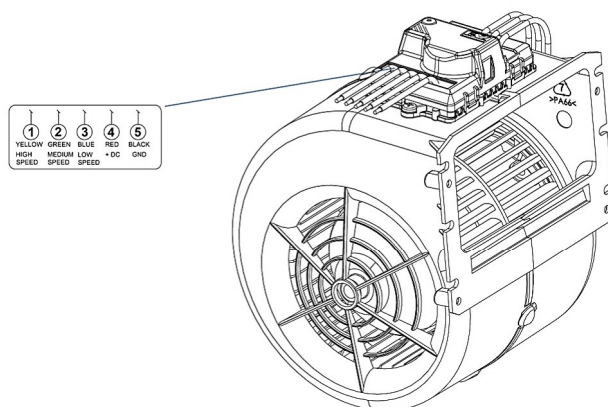
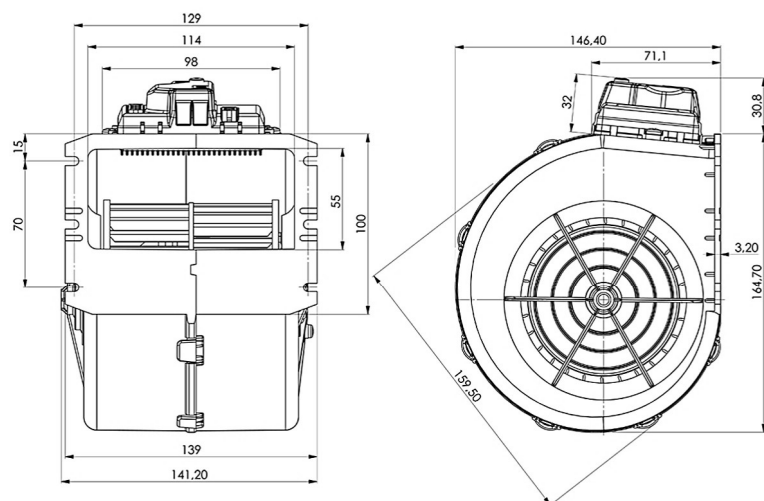
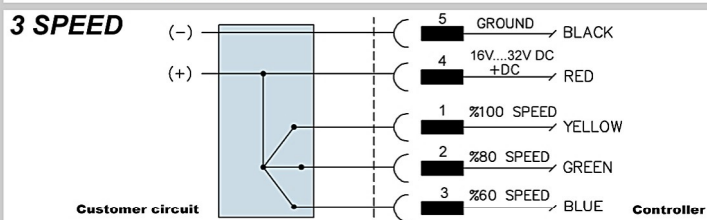


Electrical connections

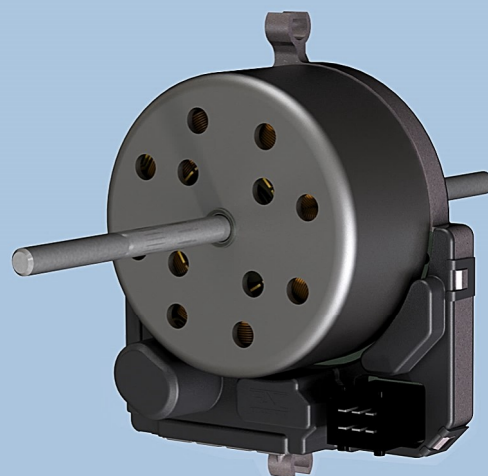
PWM

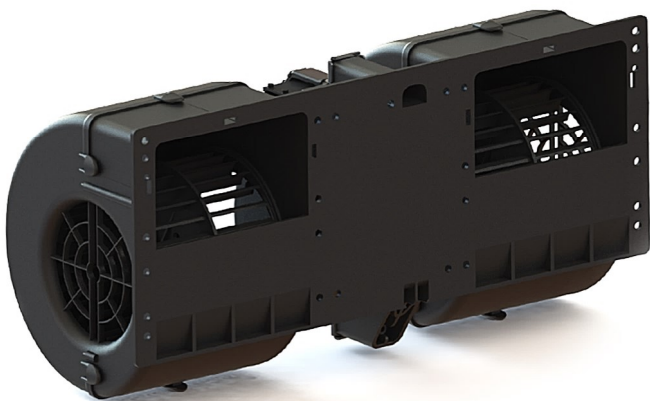


3 SPEED



Material	: Housing: Aluminium alloy, Cover : PA6 GF30
Ingress protection	: IP 66
Control methods	: Direct voltage, PWM signal, 0-10V, potentiometer, discrete three speed
Safety features	: Reverse polarity and locked-rotor protection, centralized load dump protection, error signal and tacho generator outputs, under/over-voltage protection,
Rating	: 30 A max @ 12V DC / 15 A max @ 24V DC (Up to 85°C)





with Ø4" outrunner motor

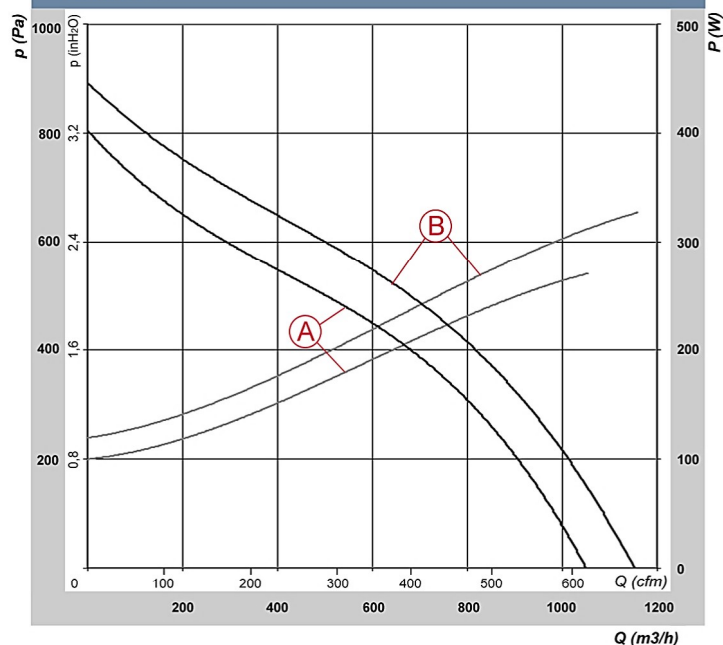
Material	: Housing: PA6 GF30, Impeller: PA6 GF30
Ingress Protection	: Motor: IP 24 Motor, Electronics: IP 66
Insulation class	: Class "B" insulation according to EN 60335-1
Mounting position	: Any
Mode of operation	: PWM-Analog continuous operation
Bearings	: Double ball bearings
Safety Features	: Reverse polarity and locked-rotor protection, centralized load dump protection, under/over-voltage detection
EMC directive	: ECE R10 (E mark)

Nominal Data

Type	Curve	Nominal voltage	Operating voltage range	Air flow	Speed	Input power	Current draw	Noise level(max.speed)	Max. amb. temp.	Mass	Control type
		VDC	VDC	m ³ /h	rpm	W	A	dB(A)	°C	kg	
6401809	A	12	9-16	1050	3600	265	20,5	76	-40...+85	2,3	Discrete 3 Speed
6401834	A	12	9-16	1050	3600	265	20,5	76	-40...+85	2,3	PWM / Variable Speed
6401852	B	12	9-16	1200	4050	325	26	78	-40...+50	2,3	Discrete 3 Speed
6401875	B	12	9-16	1200	4050	325	26	78	-40...+50	2,3	PWM / Variable Speed

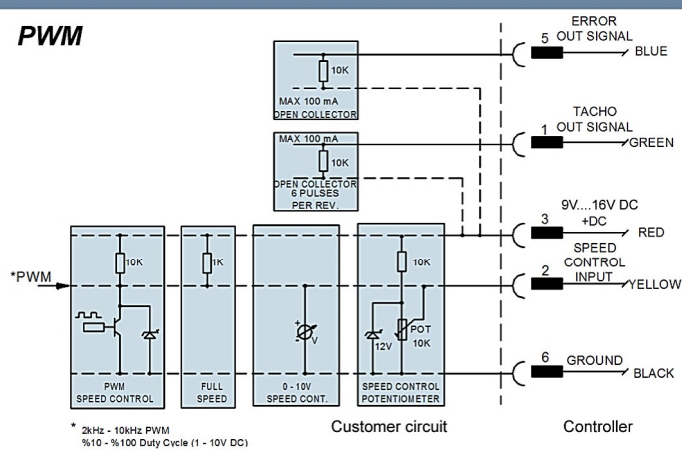
Test voltage is 13,0V DC

Curves

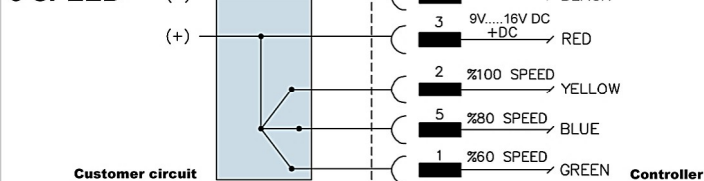


Electrical connections

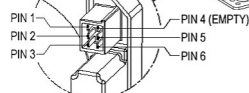
PWM

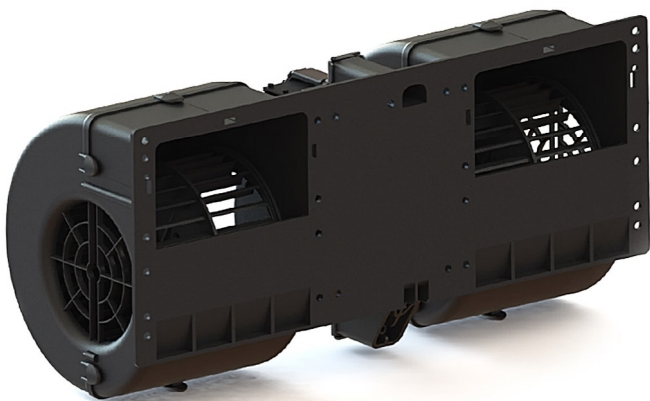


3 SPEED



MATING CONNECTORS:
Tyco Connector 1-962350-1
OR Equivalent





with Ø4" outrunner motor

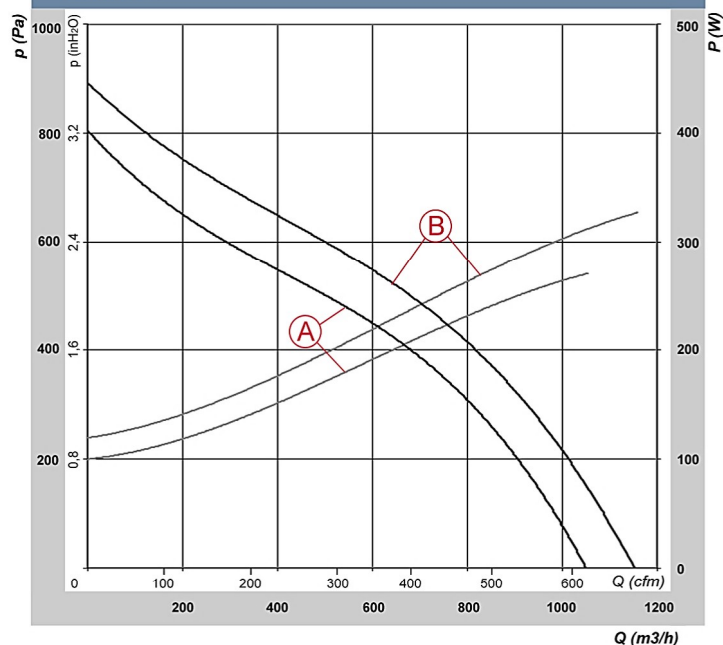
Material	: Housing: PA6 GF30, Impeller: PA6 GF30
Ingress Protection	: Motor: IP 24 Motor, Electronics: IP 66
Insulation class	: Class "B" insulation according to EN 60335-1
Mounting position	: Any
Mode of operation	: PWM-Analog continuous operation
Bearings	: Double ball bearings
Safety Features	: Reverse polarity and locked-rotor protection, centralized load dump protection, under/over-voltage detection
EMC directive	: ECE R10 (E mark)

Nominal Data

Type	Curve	Nominal voltage	Operating voltage range	Air flow	Speed	Input power	Current draw	Noise level(max.speed)	Max. amb. temp.	Mass	Control type
		VDC	VDC	m ³ /h	rpm	W	A	dB(A)	°C	kg	
6401831	A	24	16-32	1050	3600	260	10	76	-40...+85	2,3	Discrete 3 Speed
6401830	A	24	16-32	1050	3600	260	10	76	-40...+85	2,3	PWM / Variable Speed
6401835	B	24	16-32	1200	4050	325	12,5	78	-40...+50	2,3	Discrete 3 Speed
6401778	B	24	16-32	1200	4050	325	12,5	78	-40...+50	2,3	PWM / Variable Speed

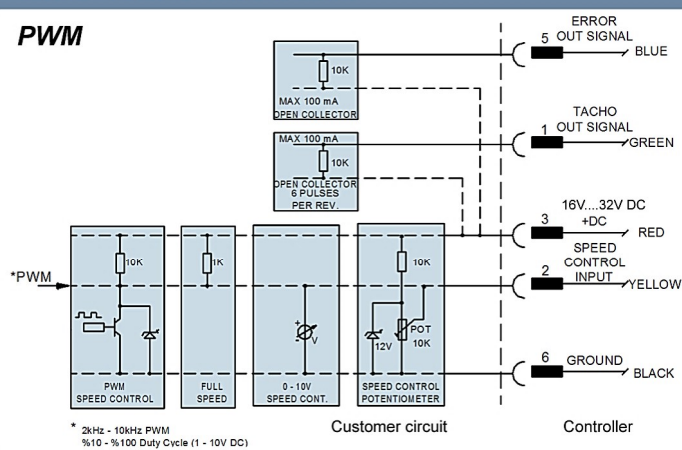
Test voltage is 26,0V DC

Curves

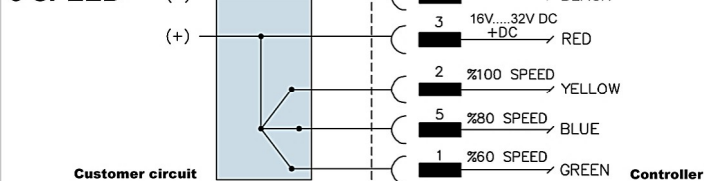


Electrical connections

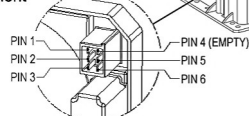
PWM

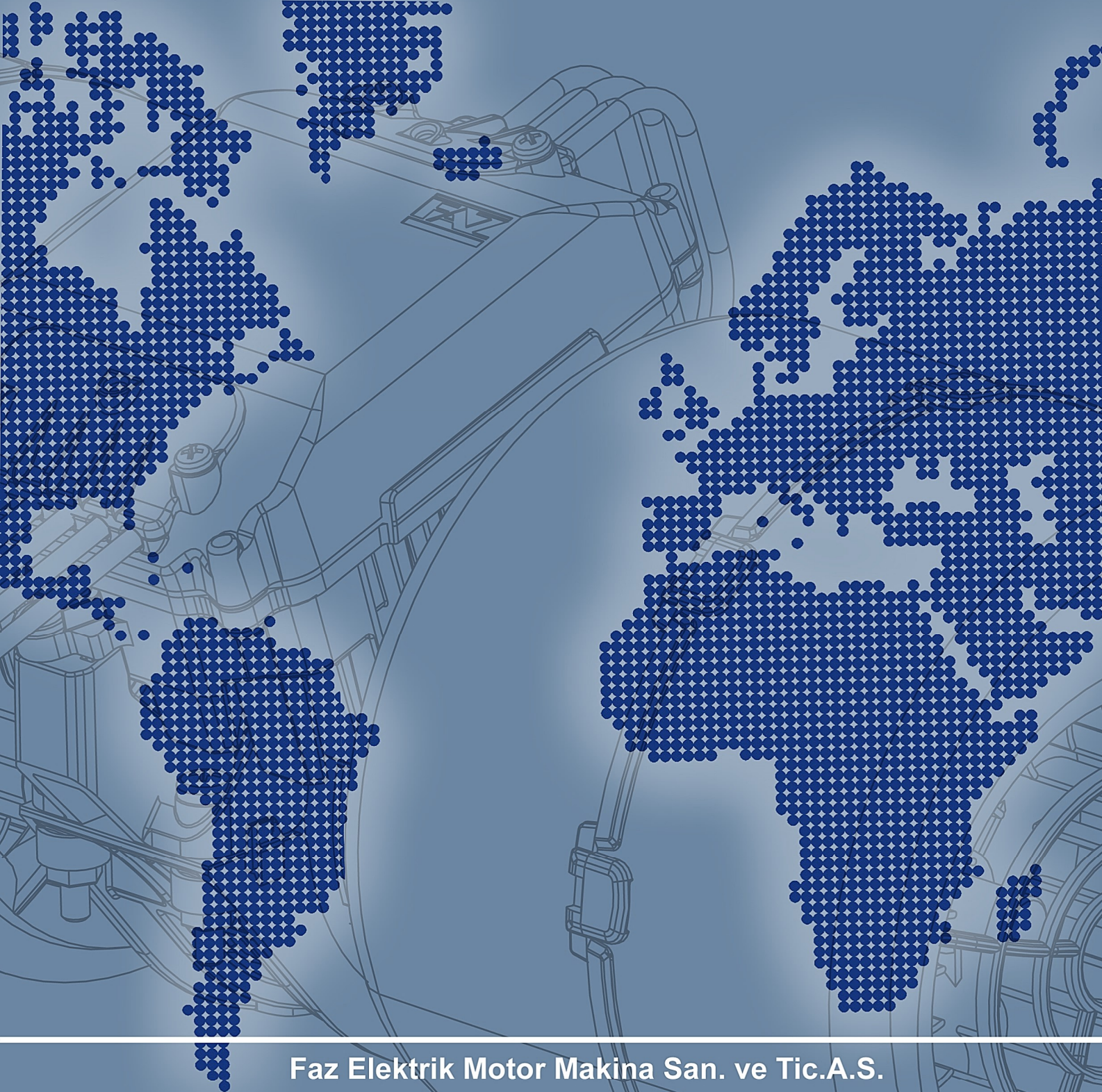


3 SPEED



MATING CONNECTORS:
Tyco Connector 1-962350-1
OR Equivalent





Faz Elektrik Motor Makina San. ve Tic.A.S.

Address: 129 / 21 Sok. No:4
35050 Bornova, Izmir - TURKEY
Phone: +90 232 478 18 98
Fax: +90 232 478 17 75
www.faz.com.tr faz@faz.com.tr