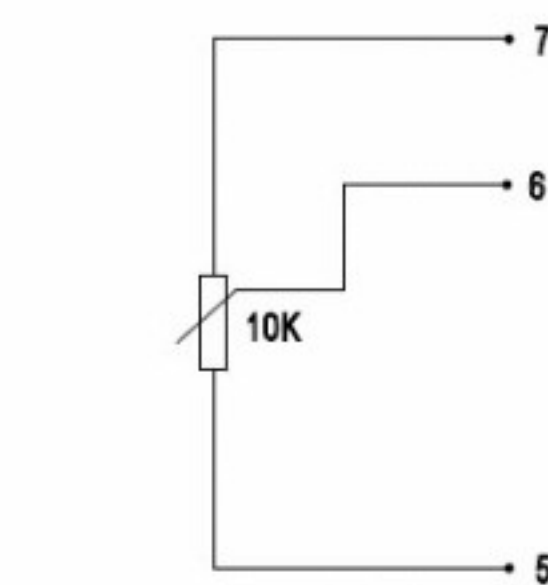
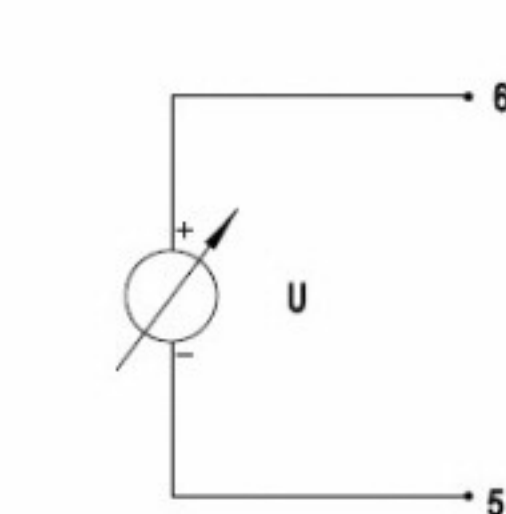


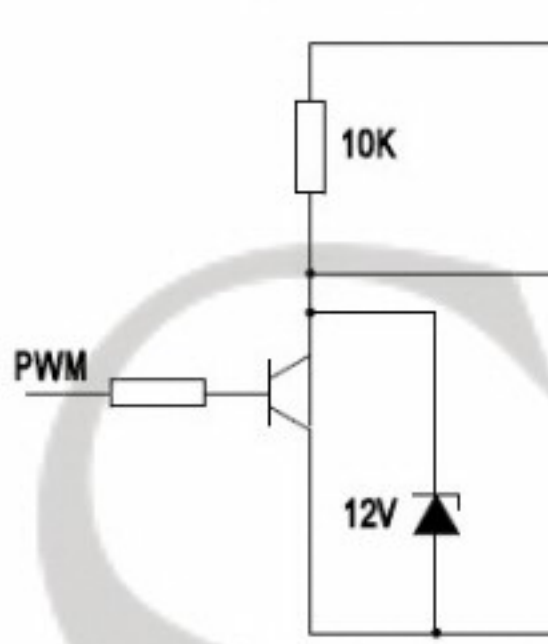
Air flow by using 0-10k variable resistance



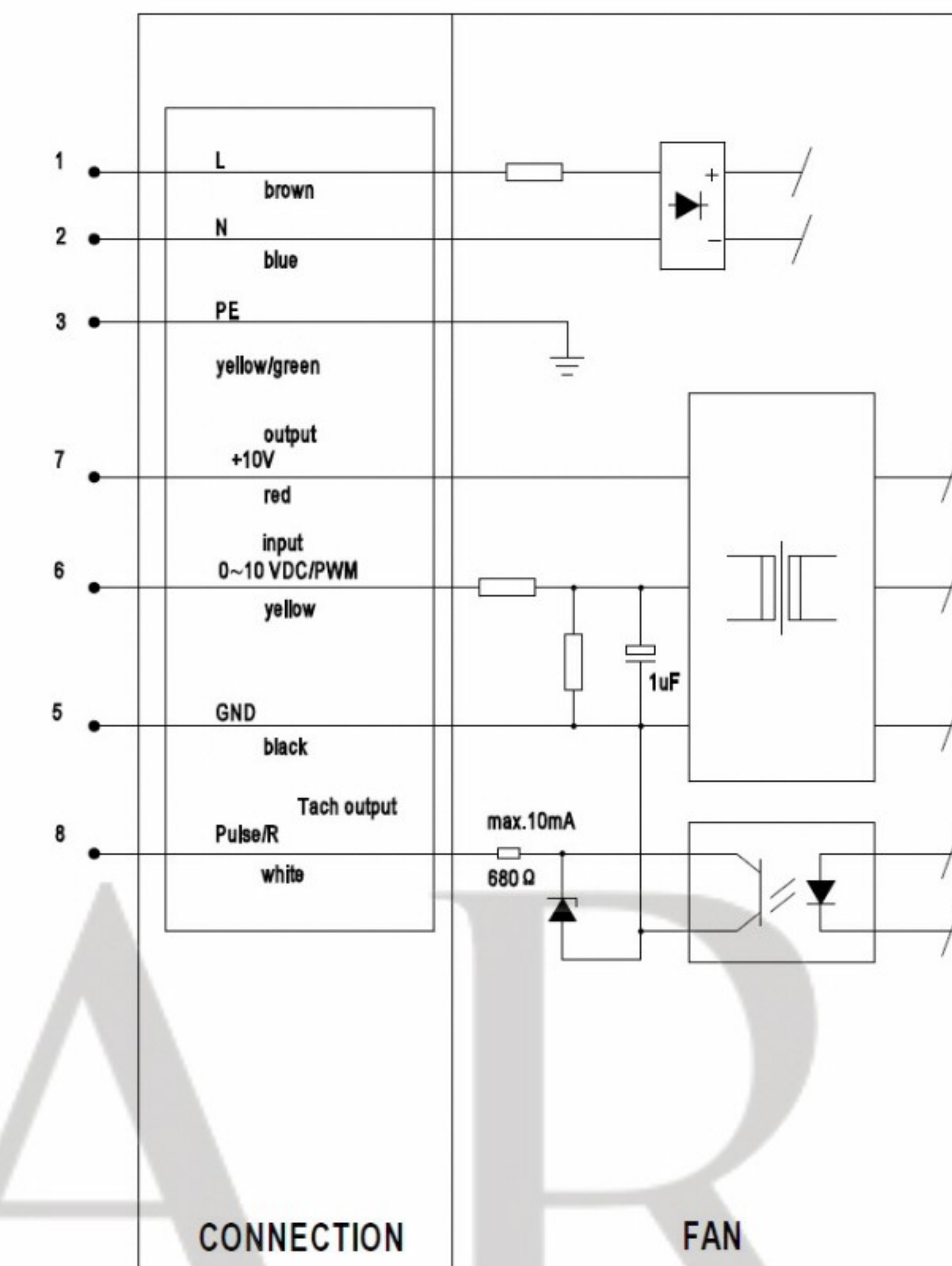
Air flow by using 1-10 V.DC



Air flow by using PWM signal



MAX. Air flow



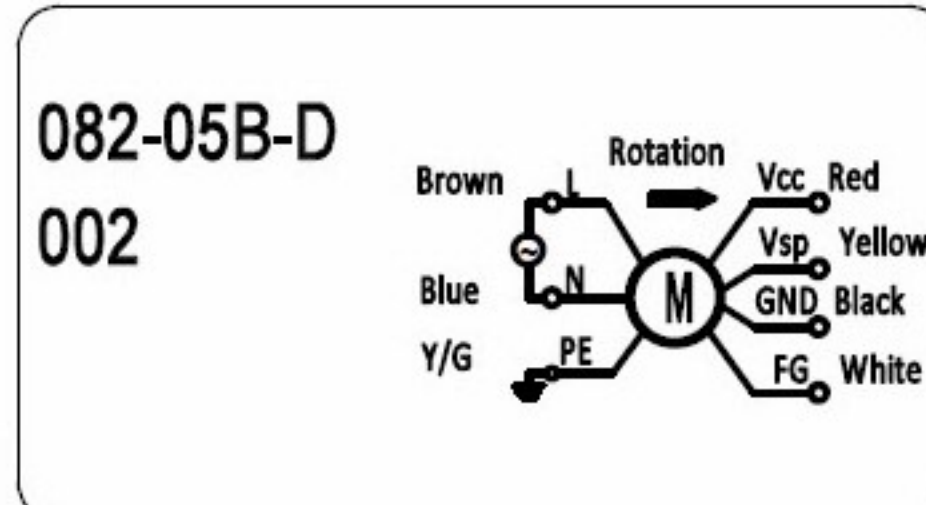
序号 No.	电压 Volt V	转速 Speed r/min	输入功率 Input W	静压 State Pressur Pa	流量 AirFlow m <sup>3</sup> /h	流量 CFM	序号 No.	电压 Volt V	转速 Speed r/min	输入功率 Input W	静压 State Pressur Pa	流量 AirFlow m <sup>3</sup> /h	流量 CFM
1	230	1306	676.7	305.3	1.22	0.0	11	230	1314	678.1	307.6	1.23	0.0
2	230	1427	684.7	240.1	0.96	2463.5	12	230	1328	583.8	234.1	0.94	1935.6
3	230	1464	685.9	210.4	0.84	3751.7	13	230	1327	553.1	210.1	0.84	2276.5
4	230	1480	688.6	180.0	0.72	4943.4	14	230	1328	511.9	179.9	0.72	2941.1
5	230	1495	687.1	150.1	0.60	5506.0	15	230	1328	503.6	150.0	0.60	4370.6
6	230	1605	687.5	120.0	0.48	6649.1	16	230	1328	479.9	120.3	0.48	4969.5
7	230	1633	698.3	89.7	0.36	7445.5	17	230	1330	407.2	90.3	0.36	5444.7
8	230	1670	697.5	60.2	0.24	8037.6	18	230	1329	383.6	60.3	0.24	5992.3
9	230	1670	687.1	29.7	0.12	8437.9	19	230	1329	363.1	30.4	0.12	6584.7
10	230	1668	667.1	0.3	0.00	8826.1	20	230	1328	349.9	0.5	0.00	7031.4

信号名 SIGNAL	颜色 COLOR	规格 SPEC
L	棕 BROWN	AC230V 50/60Hz
N	蓝 BLUE	AC230V 50/60Hz
PE	黄/绿 YELLOW/GREEN	接地 EARTH

信号名 SIGNAL	颜色 COLOR	规格 SPEC
Vcc	红 RED	DC10V输出
Vsp	黄 YELLOW	0-10V/PWM
GND	黑 BLACK	GND
FG	白 WHITE	Pulse/R

Pole Star Products Ltd  
www.psp.uk.com

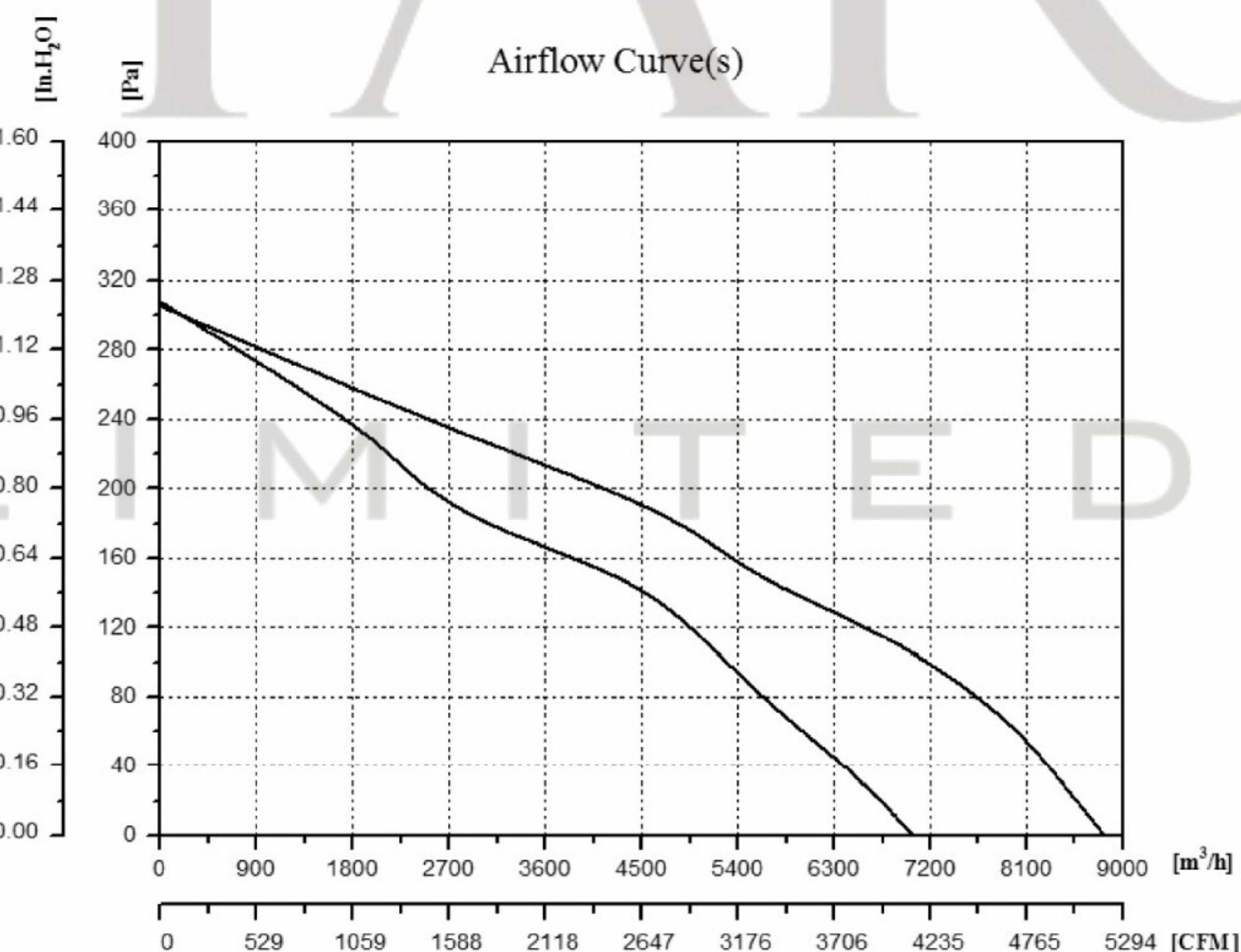
MODEL:GMA1-500B-EC  
230V 50/60Hz 4.5Amp  
700W 1610rpm Th.Prot CL:F  
ErP2015 η=39.4% (A,static) N40 N=46.8



Data according to ErP Directive:

Installation category:	A	Power consumption Ped:	W	689
Efficiency category:	static	Air flow qv:	m <sup>3</sup> /h	4943
Overall Efficiency η es :	39.43	Pressure increase Pfs :	Pa	180
Efficiency grade N:	46.78	Speed(rpm) n:	min <sup>-1</sup>	1480
Variable speed drive:	yes	**ErP2015		

Data obtained at optimum efficiency level  
The ErP data is determined using a motor-impeller combination in a standardized measurement setup



SPECIFICATION					
Motor	EC	Speed (RPM)	1610	Bearings	Ball
Voltage (V)	230	Motor Protection	Th.Prot.	Weight (Kg)	15.5
Frequency (Hz)	50/60	Insulation Class	B	Noise dB(A)	74
Power In/Out (W)	700	Protection Class	IP54	Airflow (m <sup>3</sup> /h)	8830
Current (A)	4.5	Ambient °C	-20°C~+60		

POLE STAR  
PRODUCTS LIMITED

POLE STAR PRODUCTS LIMITED	
Product Code	GMA1-500B-EC
Projection Angle	± 3°
Scale:	A4
Sheet:	1 of