EC axial fans

with brushless DC motor, Ø 280



- **Material:** Wall ring: PP plastic, coloured black
  Impeller: PBT plastic, coloured black (conforms to UL 94 HB)
- **Direction of rotation:** Clockwise, seen on rotor
- **Direction of air flow:** "V", exhaust over struts
- **Type of protection:** IP 24 KM
- **Insulation class:** "B" in accordance with EN 60335-1
- **Bearings:** Maintenance-free ball bearings
- **Motor protection:** Overtemperature, reverse polarity and locked-rotor protection, load dump protection, under-voltage
- **EMC requirements:** VDE 0879-2, interference suppression grade 5

Nominal data		Curve	Voltage	Voltage range	Air flow	Speed/rpm	Power input	Current draw	Sound pressure level	Perm. amb. temp.	Mass	Electr. connection
Type	**Motor**		**VDC**	**VDC**	**m³/h**	**rpm**	**W**	**A**	**dB(A)**	**°C**	**kg**	
W3G280-EQ08 -44[2]	M3G074-CF	①	13	9-15	2165	2830	152	11.70	68	-40 to +85[3]	2.4	D
W3G280-EQ20 -43[1]	M3G074-CF	②	26	16-32	2400	3100	200	7.50	72	-40 to +85[3]	2.4	B

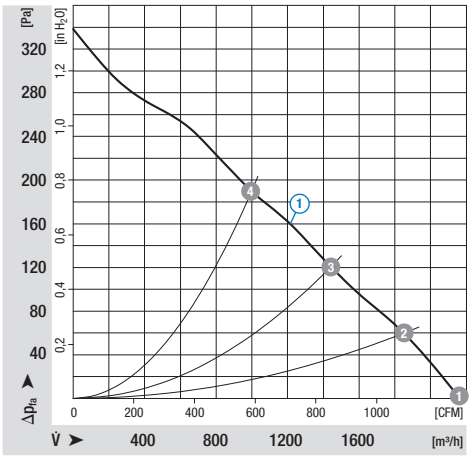
subject to alterations

[1] 24-volt variant [2] 12-volt variant [3] at maximum counterpressure not recommended for long-term operation at 85 °C

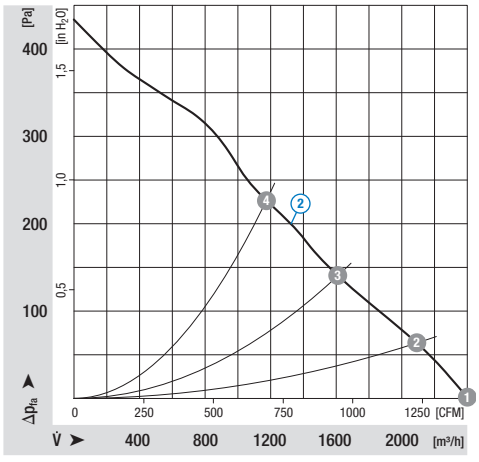
		n [rpm]	P_1 [W]	η_{tot} [%]	Lp_A [dBA]
①	1	2830	152	31	68
①	2	2840	152	39	70
①	3	2845	150	40	72
①	4	2805	158	34	71

		n [rpm]	P_1 [W]	η_{tot} [%]	Lp_A [dBA]
②	1	3100	200	34	72
②	2	3085	197	40	72
②	3	3090	192	42	74
②	4	3105	213	37	76

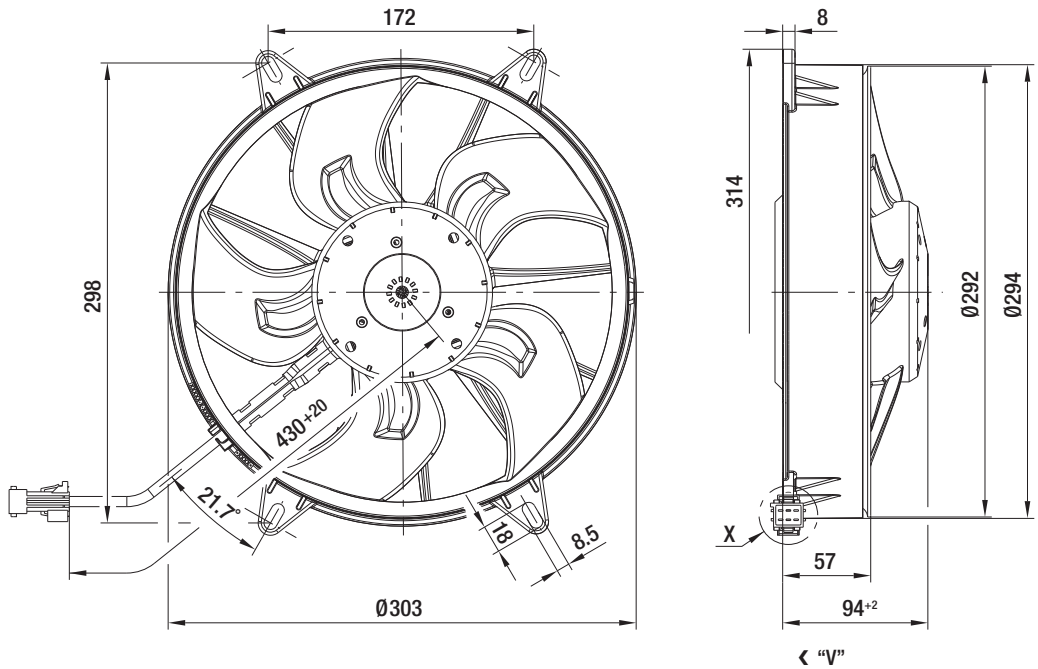
Curves

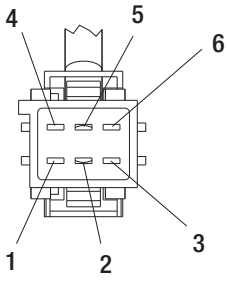


Curves



ebmpapst





View X (W3G280-EQ20-43)

1	= UN	black
2	= GND	brown
3	= PWM/LIN	yellow
4	= INVLIN	orange
5	= LOWER	blue
6	= Diagnostic output	white

AMP Junior Power Timer, 6-pole, coded;
connecting lead (450 mm) with mating plug;
part no. 02002-4-1021 (not included in delivery)

View X (W3G280-EQ08-44)

1	= UN	black
2	= GND	brown
3	= PWM/LIN	yellow
4	= NC	(not assigned)
5	= LOWER	blue
6	= NC	(not assigned)

AMP Junior Power Timer, 6-pole, coded;
connecting lead (450 mm) with mating plug;
part no. 02002-4-1021 (not included in delivery)