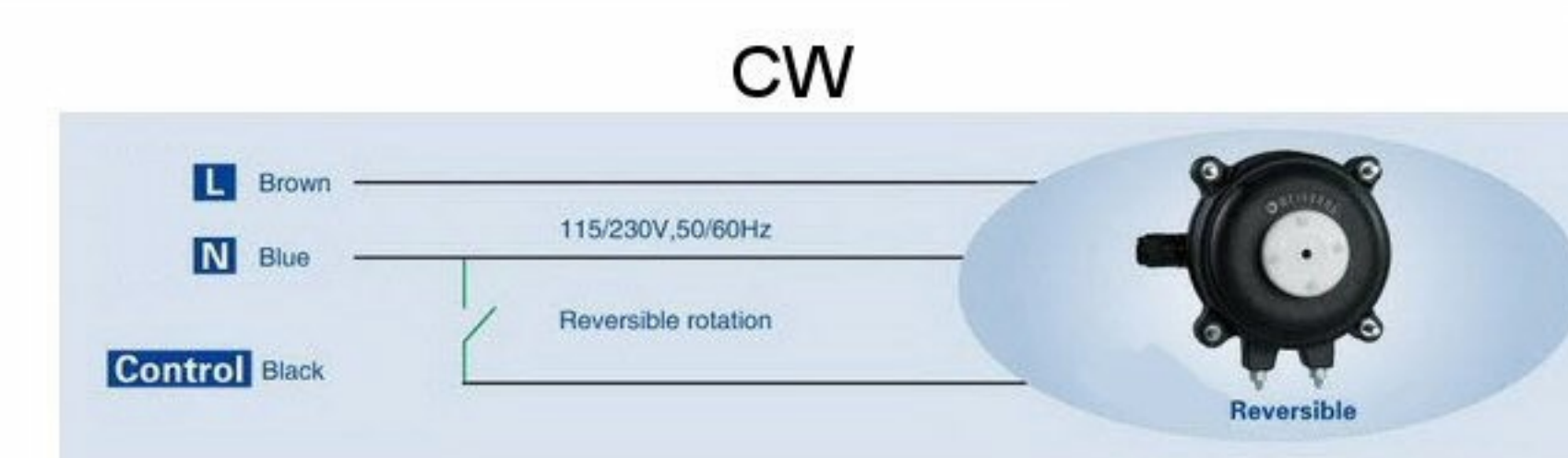
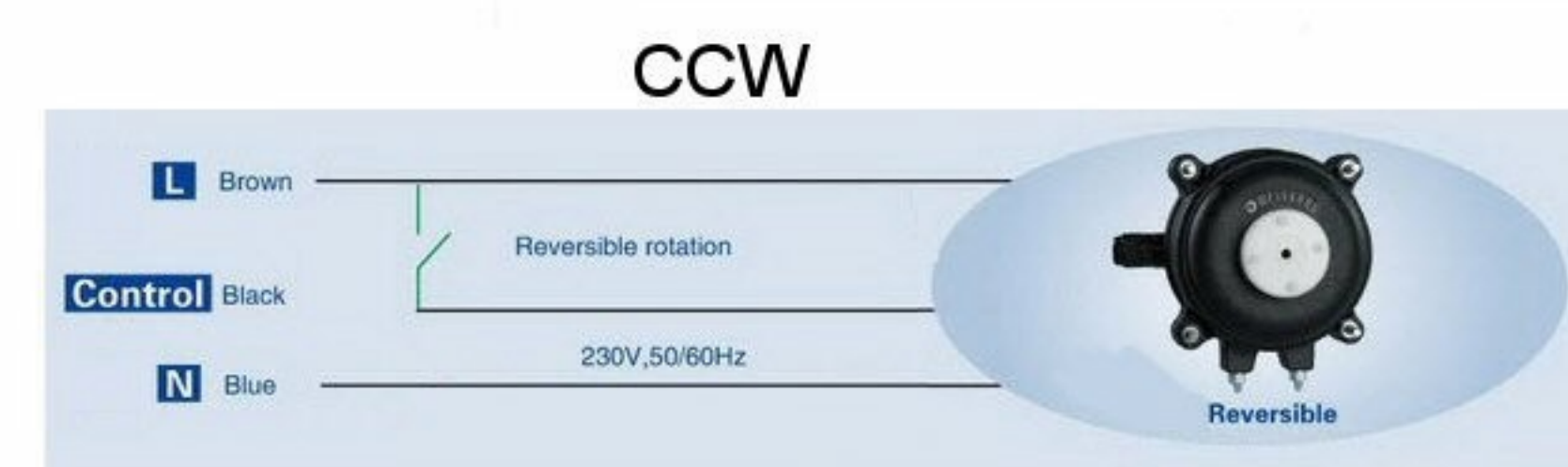
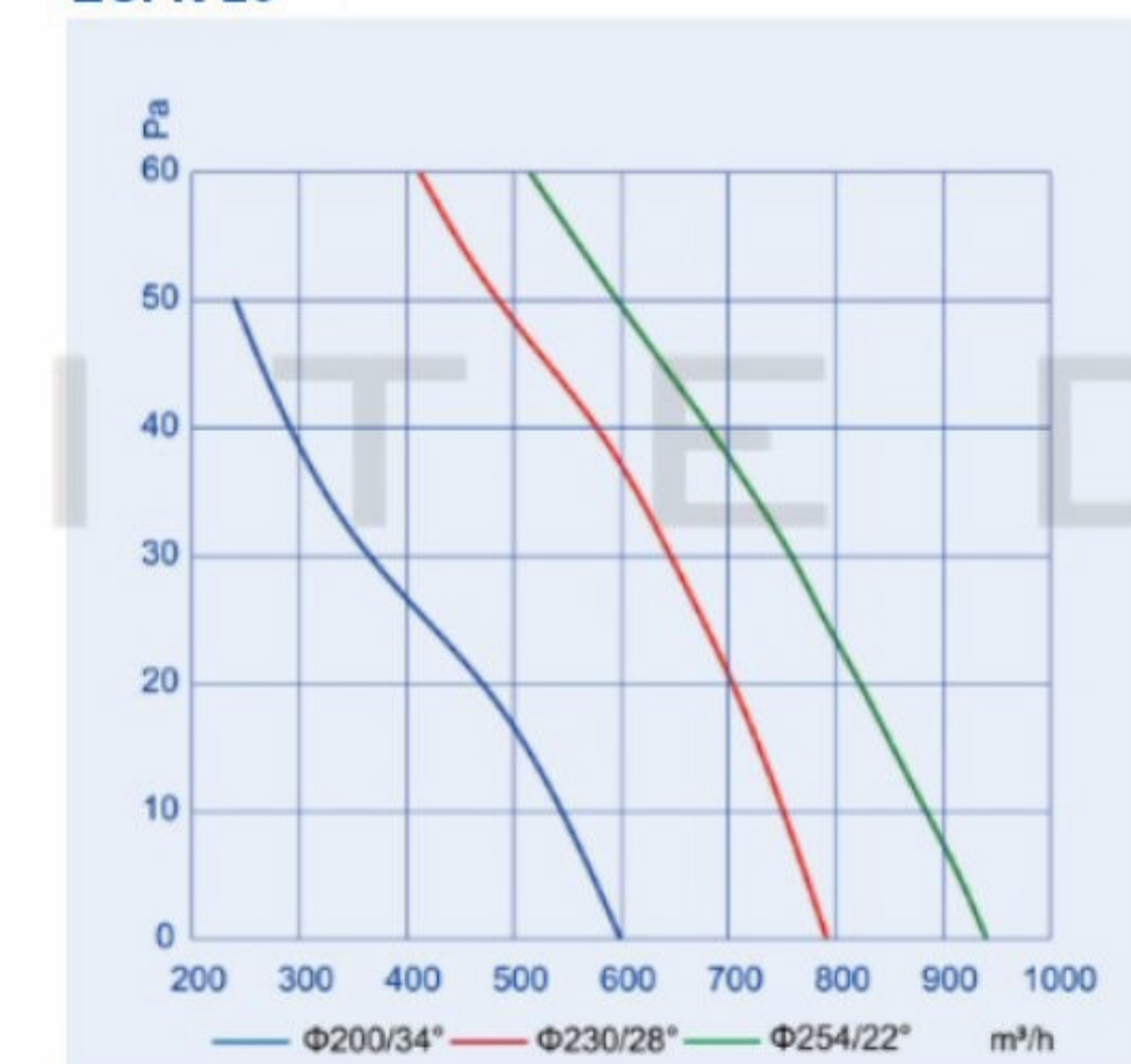


Type	ECM 7108	ECM 7112	ECM 7120	ECM 7108	ECM 7112	ECM 7120	ECM 7108	ECFR1-1	ECM 7120	ECM 7108	ECM 7112	ECM 7120	ECM 7108	ECM 7112	ECM 7120	ECFR-20
P in (W)																
α	22°			25°				28°			31°					34°
Fan Ø(mm)																
Speed 1300 r/min	2.6	-	-	3.1	-	-	3.3	-	-	3.9	-	-	4.3	-	-	-
172	3.5	2.9	-	3.7	3.2	-	4.2	3.5	-	5.2	4.5	-	5.9	5.0	-	-
200	4.7	3.8	-	5.8	4.7	-	6.5	5.6	-	6.7	-	-	8.1	-	-	-
230	-	7.8	7.3	-	8.6	8.4	-	12.8	9.6	-	14.8	11.0	-	19.8	13.2	-
254	-	10.5	9.7	-	14.3	12.2	-	17.8	14.8	-	20.8	17.2	-	24.4	20.4	-
Speed 1450 r/min	3.2	-	-	3.6	-	-	4.0	-	-	5.1	-	-	6.0	-	-	-
172	3.7	3.2	-	4.1	3.7	-	4.8	4.4	-	6.2	5.6	-	6.8	6.2	-	-
200	5.4	4.8	-	6.5	5.7	-	7.2	-	-	9.6	-	-	11.2	-	-	-
230	-	9.8	9.2	-	11.3	10.6	-	13.6	12.6	-	15.8	14.2	-	18.1	-	-
254	-	13.8	12.6	-	19.4	16.1	-	19.8	-	-	22.4	-	-	26.6	-	-
Speed 1550 r/min	3.7	-	-	4.2	-	-	4.8	-	-	6.2	-	-	6.7	-	-	-
172	4.6	3.8	-	5.2	4.3	-	5.5	5.3	-	7.1	6.8	-	7.6	-	-	-
200	6.2	5.6	-	6.8	-	-	8.4	-	-	11.2	-	-	13.7	-	-	-
230	-	11.5	11.8	-	14.3	14.2	-	17.5	15.6	-	20.4	18.6	-	22.4	-	-
254	-	17.2	15.7	-	20.8	-	-	25.2	-	-	29	-	-	-	-	-
Speed 1800 r/min	4.1	-	-	4.5	-	-	5.3	-	-	6.7	-	-	7.5	-	-	-
172	5.7	5.0	-	6.7	5.9	-	7.2	-	-	9.6	-	-	11.2	-	-	-
200	-	8.3	-	9.9	-	-	12.4	-	-	17.5	16.2	-	18.4	-	-	-
230	-	17.8	16.2	-	19.2	-	22.4	-	-	25.6	-	-	-	-	-	-
254	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Technical specifications

Nominal data		Voltage	Frequency	Speed	Output capacity	Perm. amb. temp	Dimensions		
Type	Features	V	Hz	r/min	W	°C	a	b	c
7108	Standard CW&CCW 2 Speeds	AC115 or 230	50/60	500-2300	5	-30°C-50°C	83	43.5	32.5
		AC100-240	50/60	500-2300	5	-30°C-50°C	74	43.5	32.5
7112	Vari-speed	DC24	—	500-2300	15	-30°C-50°C	87	43.5	32.5
		Standard CW&CCW 2 Speeds	AC100-240	50/60	500-2300	15	-30°C-50°C	78	43.5
ECFR-20	Standard CW&CCW	AC115 or 230	50/60	500-2300	22	-30°C-50°C	95	43.5	32.5
		Vari-speed	DC24	—	500-2300	20	-30°C-50°C		

ECFR-20



SPECIFICATION

Motor	EC	Speed (RPM)	1400	Bearings	Ball
Voltage (V)	230/240	Motor Protection	IMP. PRO	Amb. Temp(°C)	-40/+60
Frequency (Hz)	50/60	Insulation Class	B		
Power In/Out (W)	22/32	Protection Class	IP 65		
Current (A)	0.26				

**POLE STAR**  
PRODUCTS LIMITED

POLE STAR PRODUCTS LIMITED	
Product Code	<b>ECFR-20</b>
Projection Angle	± 3°
	A4
	Scale:
	Sheet: 1 of