

# ECP3

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## 4 POLE

### CHARACTERISTICS

#### INDUSTRIAL RATINGS

ambient 40°C

Type	KVA - cos $\phi$ 0.8- 3 Phase continuous			EFFICIENCY-3 Phase continuous % CL.H ( $\Delta T = 125^{\circ}C$ )			1 Phase kVA-CL. H ( $\Delta T=125^{\circ}C$ ) Voltage 230V			
	CL. H ( $\Delta T = 125^{\circ}C$ )			2/4	3/4	4/4	Reconnectable 1 Phase		Dedicated 1 Phase	
Series star Y	380	400	415							COS $\phi$ -1
Parallel Star YY	190	200	208							
Series Delta $\Delta$	220	230	240							
Parallel Delta $\Delta\Delta$	110	115	120							
<b>ECP3-1S/4</b>	<b>6.5</b>	<b>6.5</b>	<b>6.5</b>	78.9	82.4	81.8				
<b>ECP3-2S/4</b>	<b>8</b>	<b>8</b>	<b>8</b>	80.4	84.7	83.7	5.5	5	6	5
<b>ECP3-1L/4</b>	<b>11</b>	<b>11</b>	<b>11</b>	84.4	86.4	85.9	7.5	6.7	8.5	7.5
<b>ECP3-2L/4</b>	<b>13.5</b>	<b>13.5</b>	<b>13.5</b>	85.1	86.7	86.1	9	8	10	9
<b>ECP3-3L/4</b>	<b>15</b>	<b>15</b>	<b>15</b>	85.4	86.9	86.3	10	9	11	10

Type	KVA - cos $\phi$ 0.8- 3 Phase continuous			EFFICIENCY-3 Phase continuous % CL.H ( T = 125°C)			1 Phase kVA-CL. H ( $\Delta T=125^{\circ}C$ ) Voltage 277V			
	CL. H ( $\Delta T = 125^{\circ}C$ )			2/4	3/4	4/4	Reconnectable 1 Phase		Dedicated 1 Phase	
Series star Y	440	460	480							COS $\phi$ -1
Parallel Star YY	220	230	240							
Series Delta $\Delta$	254	265	277							
Parallel Delta $\Delta\Delta$	127	133	138							
<b>ECP3-1S/4</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	80.4	83.9	83.3				
<b>ECP3-2S/4</b>	<b>9.6</b>	<b>9.6</b>	<b>9.6</b>	81.9	86.3	85.4	6.6	6	7.5	7
<b>ECP3-1L/4</b>	<b>13.2</b>	<b>13.2</b>	<b>13.2</b>	85.4	87.8	87.7	9	8	10	9
<b>ECP3-2L/4</b>	<b>16.2</b>	<b>16.2</b>	<b>16.2</b>	86.1	88	87.9	10.8	9.6	12	11
<b>ECP3-3L/4</b>	<b>18</b>	<b>18</b>	<b>18</b>	86.4	88.4	88.2	12	10.8	14	12

#### STANDBY RATING (3-Phase)

Type	kVA Temp. Rise/Ambient°C			kVA Temp.Rise/Ambient°C		
	50 Hz			60 Hz		
	163°/27°	150°/40°	125°/27°	163°/27°	150°/40°	125°/27°
<b>ECP3-1S/4</b>	7	6.8	6.8	8.4	8	8
<b>ECP3-2S/4</b>	8.8	8.3	8.3	10.5	10	10
<b>ECP3-1L/4</b>	11.8	11.4	11.4	14.3	13.8	13.8
<b>ECP3-2L/4</b>	14.5	14	14	17.5	16.9	16.9
<b>ECP3-3L/4</b>	16	15.5	15.5	19.3	18.8	18.8

Type	J (Kgm <sup>2</sup> )			Weight(Kg)			Air Volume (m <sup>3</sup> /min)		Noise dB(A)			
	B3/B14	B3/B9	MD35	B3/B14	B3/B9	MD35	50 Hz	60 Hz	50Hz		60Hz	
									1m	7m	1m	7m
<b>ECP3-1S/4</b>	0.05231	0.05219	0.05261	56	54	59	3.5	3.9	72	58	78	60
<b>ECP3-2S/4</b>	0.05933	0.05921	0.05963	62	60	65	3.5	4.1				
<b>ECP3-1L/4</b>	0.07231	0.07227	0.07270	76	74	79	3.3	4				
<b>ECP3-2L/4</b>	0.08409	0.08405	0.08448	84	82	87	3	3.5				
<b>ECP3-3L/4</b>	0.09027	0.09023	0.09066	90	88	93	3	3.5				

Coupling Discs	
SAE N <sup>o</sup>	J (Kgm <sup>2</sup> )*
6½	0.00495
7½	0.00769
8	0.01114
10	0.02220
11½	0.03524

\* The J valve of form MD35 is obtained by summing the J of the form with the J of the chosen SAE coupling discs

### ACCESSORIES

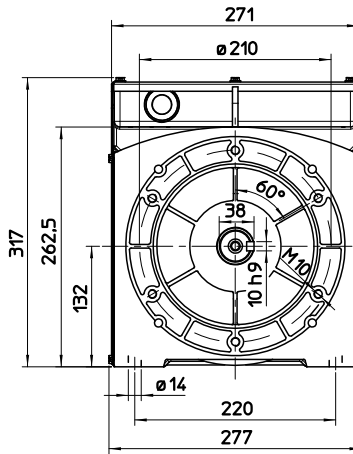
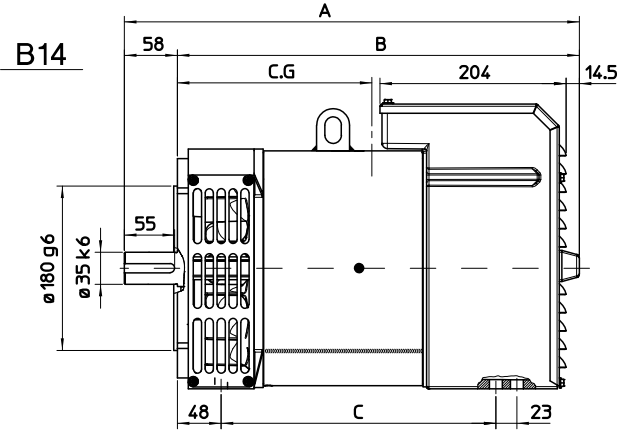
REGULATOR			PARALLEL DEVICE	THERMAL PROTECTION			HEATERS	MECHANICAL PROTECTION		
DSR	SR7/2	UVR6		PTC	BIMET.DEVICE	PT100		IP21	IP23	IP45
●	□	□		□	□	□	□	●	□	

● = Standard

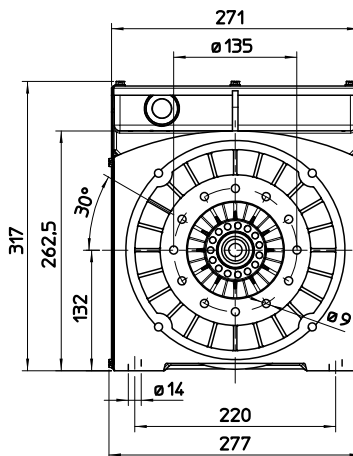
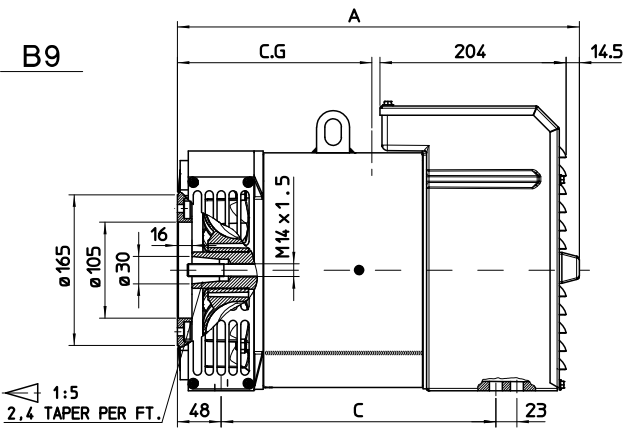
□ = Optional

# OVERALL DIMENSIONS

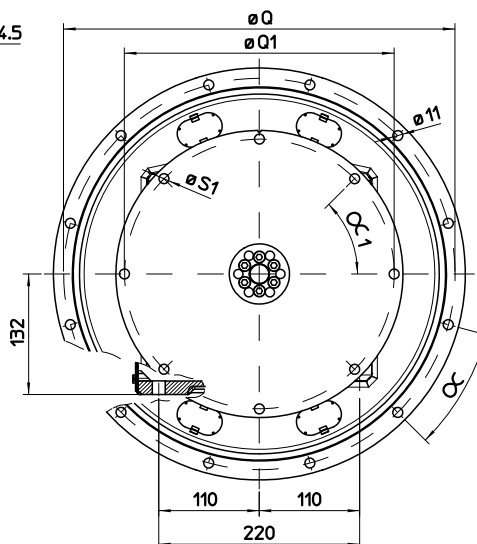
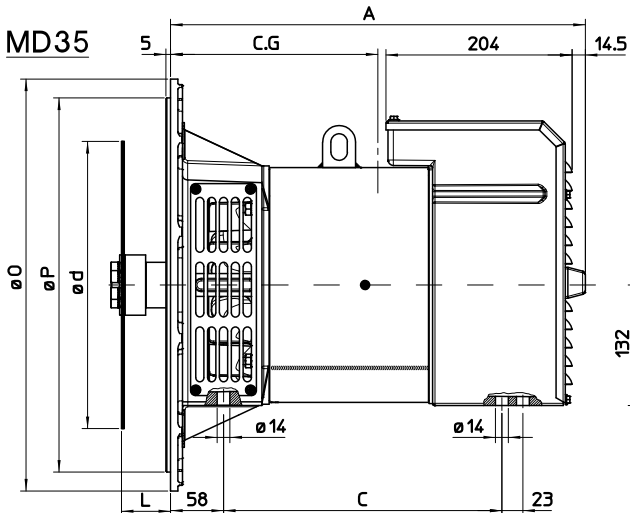
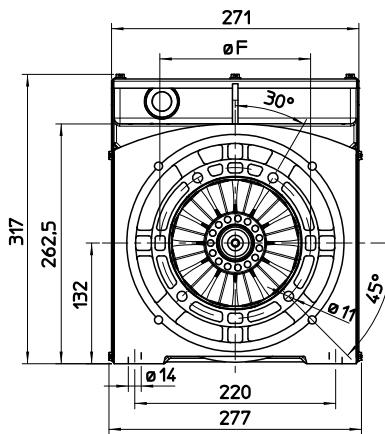
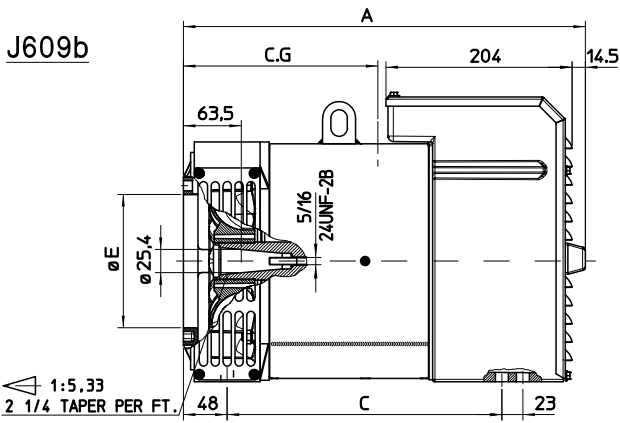
dimensions in mm



FORM	TYPE	A	B	C	E	F
B3B14	S	498	440	301	/	/
	L	568	510	371	/	/
B9	S	440	/	301	/	/
	L	510	/	371	/	/
J609b	S	440	/	301	146.1	165.1
	L	510	/	371	163.6	196.8
MD35	S	454	/	305	/	/
	L	524	/	375	/	/



		C.G. = GRAVITY CENTER			
		B3B14	B9	J609b	MD35
4 POLE	1S	237	241	243	235
	2S	228	231	232	228
	1L	270	277	278	273
	2L	256	261	262	261
	3L	249	254	255	255



FLANGE					
SAE	O	P	Q	Fori N° Holes N°	∠
6	308	266.7	285.75	8	22°30'
5	356	314.3	333.4	8	22°30'
4	403	362	381	12	15°
3	451	409.6	428.6	12	15°

COUPLING DISCS						
SAE	L	d	Q1	Holes N°	S1	∠ <sub>1</sub>
6 ‡	30.2	215.9	200	6	9	60°
7 ‡	30.2	241.3	222.25	8	9	45°
8	62	263.52	244.47	6	11	60°
10	53.8	314.52	295.27	8	11	45°
11 ‡	39.6	352.42	333.37	8	11	45°