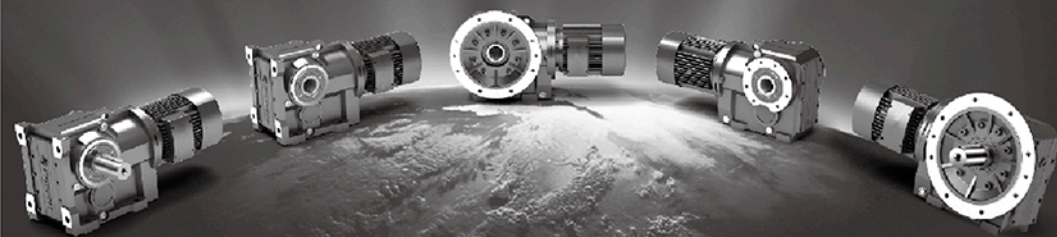




# EK Series

Helicoidal - Reductor de engranaje cónico  
Helical - Bevel Gear Motor

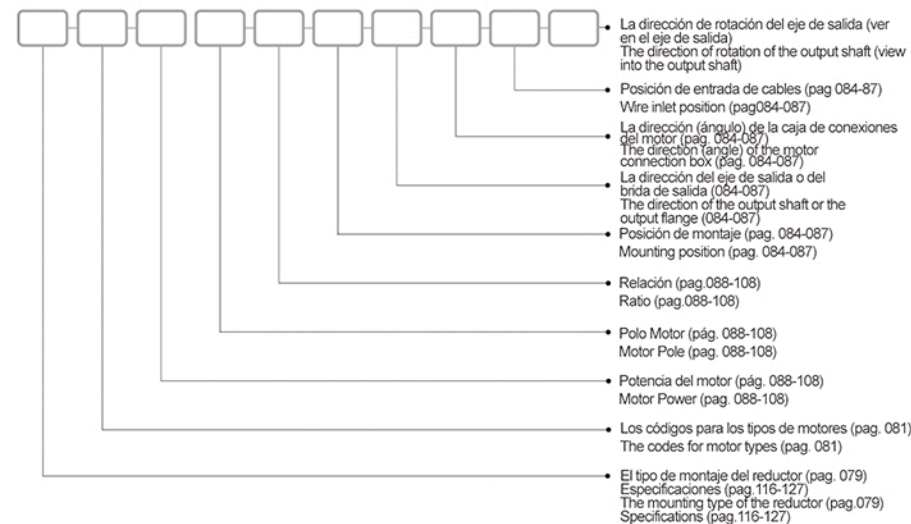




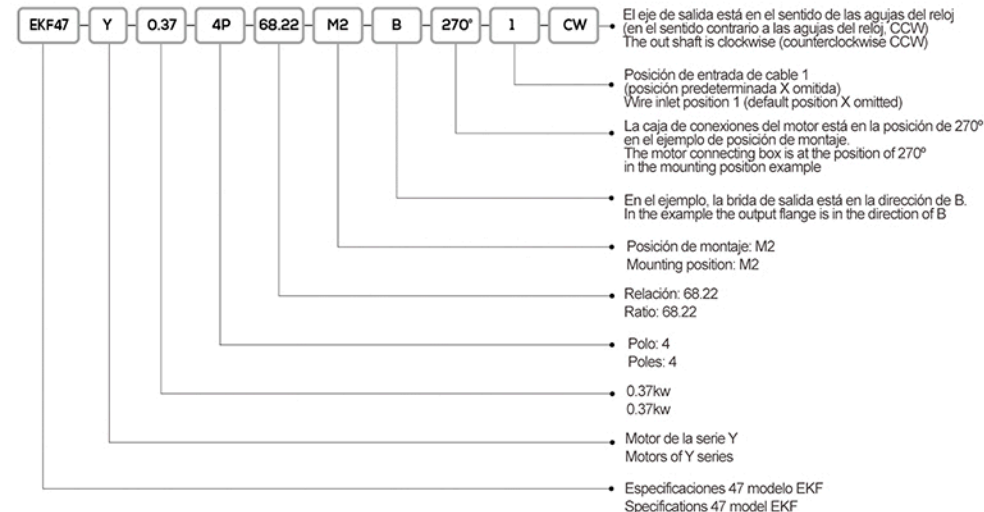
5 Tipo de montaje:  
Mounting Type:

<b>EK</b> Reductor de engranajes cónicos helicoidales montado con patas Foot-mounted helical-bevel gear reductor	
<b>EKAB</b> Reductor de engranajes cónicos con patas y eje hueco Foot-mounted helical-bevel gear reductor with hollow shaft	
<b>EKF</b> Reductor de engranaje cónico en versión con brida B5 Helical-bevel gear reductor in B5 flange-mounted version	
<b>EKAF</b> Reductor de engranaje cónico en versión con brida en B5 y eje hueco Helical-bevel gear reductor in B5 flange-mounted version with hollow shaft	
<b>EKA</b> Reductor de engranajes cónicos con eje hueco Helical-bevel gear reductor with hollow shaft	
<b>EKAT</b> Reductor de engranaje cónico en versión de brazo de reacción con eje hueco Helical-bevel gear reductor in torque-arm version with hollow shaft	
<b>EKAZ</b> Reductor de engranaje cónico en versión con brida B14 y eje hueco Helical-bevel gear reductor in B14 flange-mounted version with hollow shaft	
<b>EK..ER</b> Combinación de reductor de la serie EK y reductor de la serie ER..7 Combination of EK series reductor and ER..7 series reductor	
<b>EK..S</b> Estilo de entrada de eje, en otras palabras, equipado con reductor de engranajes cónicos helicoidales con eje de entrada pero sin motor Shaft- input style, in another word, helical-bevel gear reductor equipped with input shaft but without the motor	

6 Instrucciones para modelos  
Instructions for Models



Ejemplo  
Sample





**Notes**

- El estilo de entrada de eje no está equipado con ningún motor.
- Los motores de la serie Y se suministran con un grado de protección IP54 a menos que se especifique lo contrario.
- La posición de montaje de M1 como se muestra en el ejemplo de posición de montaje (pag. 084-087) es la forma predeterminada cuando se suministra a menos que se especifique lo contrario.
- 0° como se muestra en el ejemplo de posición de montaje (pag. 084-087) es el ángulo predeterminado de la caja de conexiones cuando se suministra a menos que se especifique lo contrario.
- La posición de montaje de A como se muestra en el ejemplo de posición de montaje (pag. 084-087) es la forma predeterminada cuando se suministran reductores como EK, EKf, EKAF, EKAZ a menos que se especifique lo contrario.
- Es necesario observar la dirección de rotación desde el extremo del eje de salida.

- The shaft- input style is not equipped with any motor.
- Motors of Y series are supplied with protection grade of IP54 unless otherwise specified.
- The mounting position of M1 as shown in the mounting position example (pag. 084-087) is the default way when supplying unless otherwise specified.
- 0° as shown in the mounting position example (pag. 084-087) is the default connection box angle when supplying unless otherwise specified.
- The mounting position of A as shown in the mounting position example (pag. 084-087) is the default way when supplying reducers such as EK, EKf, EKAF, EKAZ model unless otherwise specified.
- It is necessary to note the direction of rotation from the output shaft end.

**7 Códigos para tipos de motores:**  
Codes for Motor Types:

<b>Y</b> Serie Y Y Series	<b>YB</b> Motor a prueba de llamas Flameproof Motor	<b>Z</b> Motor de corriente continua Direct Current Motor
<b>YEJ</b> Freno de Motor Brake Motor	<b>YG</b> Motor de rodillo Roll Motor	<b>YVP</b> Motor de frecuencia variable Variable Frequency Motor
<b>YVPEJ</b> Frenado por transducción Transduction braking	<b>YGP</b> Camino del rodillo de transducción Transduction roller way	<b>YZR</b> Elevación metalúrgica Metallurgy hoisting

**8 Explicación del ejemplo de posición de montaje**  
Explanation of mounting position example



**9 Explicación de la lista de selección de parámetros**  
Explanation of Parameter Selection List

Velocidad de salida Output speed	Par de salida Output torque	Ratio Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	[i]	[fa]		
<b>15kW</b>					
7.9	18100	122.39	1.00		
9.7	14800	100.22	1.20	EK 157	6
11	13500	91.65	1.35	EKA 157	6
12	11800	79.75	1.55	EKf 157	6
14	10400	70.38	1.75	EKAF 157	6

- Los tipos de máquina en la lista de selección de parámetros pueden coincidir con cualquier relación de transmisión en la columna.
- Los parámetros de esta lista también se ajustan a los modelos EKAB, EKAZ, EKAT, EKX, EKHB, EKHF, EKHT, EKHZ.

**10 Potencia de entrada y par máximo de la serie EK**  
Input power and maximum torque of EK series

Estructura Structure	Par máximo Maximum Torque (Nm)	EK37	EK47	EK57	EK67	EK77	EK87	EK97	EK107	EK127	EK157	EK167	EK187
Tipos de máquina Machine types	Input power rating (kw)	0.12-3	0.12-3	0.12-4	0.18-5.5	0.37-11	0.75-22	1.1-30	3-45	7.5-90	11-200	11-200	18.5-200
Ratio	Ratio	3.73-106.93	4.52-119.63	5.00-147.88	5.20-150.15	7.58-210.00	7.21-194.56	7.13-185.35	7.49-149.06	8.68-152.25	12.66-150.41	17.34-164.50	17.18-179.88
Par máximo Maximum Torque (Nm)	Maximum Torque (Nm)	200	400	600	820	1550	2700	4300	8000	13000	18000	32000	50000

- \*El par máximo indica el valor máximo del par máximo correspondiente a diferentes relaciones de transmisión en esta especificación.  
\*The maximum torque indicates the maximum value of maximum torque corresponding to different transmission ratios in this specification.

**11 Forma de peso de la máquina principal de la serie EK**  
Main machine weight form of EK series

Tipo Type	EK37	EK47	EK57	EK67	EK77	EK87	EK97	EK107	EK127	EK157	EK167	EK187
Peso Weight(kg)	19	26	29	33.5	62	103	170	275	437	679	1110	1736
Tipo Type	EKF37	EKF47	EKF57	EKF67	EKF77	EKF87	EKF97	EKF107	EKF127	EKF157	EKF167	
Peso Weight(kg)	21	29	33	39.5	70	113	190	286	478	757	1310	
Tipo Type	EKA37	EKA47	EKA57	EKA67	EKA77	EKA87	EKA97	EKA107	EKA127	EKA157	EKA167	EKA187
Peso Weight(kg)	19	25	26	31.5	55	91	151	247	409	647	1071	1669
Tipo Type	EKAF37	EKAF47	EKAF57	EKAF67	EKAF77	EKAF87	EKAF97	EKAF107	EKAF127	EKAF157	EKAF167	
Peso Weight(kg)	20	28	33	36.5	62	104	175	270	445	703	1271	
Tipo Type	EKAT37	EKAT47	EKAT57	EKAT67	EKAT77	EKAT87	EKAT97	EKAT107	EKAT127	EKAT157		
Peso Weight(kg)	21	28	31	36.5	62	103	169	272	469	747		

- Nota: 1) El peso de la máquina principal de EKAB, EKAZ, EKHB, EKX, EKHZ es similar al de EKA.  
2) El peso de la máquina principal de EKHF es similar al de EKAF.  
3) El peso de la máquina principal de EKHT es similar al de EKAT.
- Note: 1) The weight of main machine of EKAB, EKAZ, EKHB, EKX, EKHZ is similar to that of EKA.  
2) The weight of main machine of EKHF is similar to that of EKAF.  
3) The weight of main machine of EKHT is similar to that of EKAT.

**12 Forma de cantidad de aceite lubricante de la serie EK**  
Lubricating oil quantity form of EK series

EK.., EKAB.., EKHB..

Tipo Type	Cantidad de llenado en litros (L) - Fill quantity in liters (L)					
	M1	M2	M3	M4	M5	M6
EK..37	0.5	1	1	1.3	1	1
EK..47	0.8	1.3	1.5	2	1.6	1.6
EK..57	1.2	2.3	2.5	3	2.6	2.4
EK..67	1.1	2.4	2.6	3.4	2.6	2.6
EK..77	2.2	4.1	4.4	5.9	4.2	4.4
EK..87	3.7	8	8.7	10.9	7.8	8
EK..97	7	14	15.7	20	15.7	15.5
EK..107	10	21	25.5	33.5	24	24
EK..127	21	41.5	44	54	40	41
EK..157	31	62	65	90	58	62
EK..167	35	100	100	125	85	85
EK..187	60	170	170	205	130	130

EKF..

Tipo Type	Cantidad de llenado en litros (L) - Fill quantity in liters (L)					
	M1	M2	M3	M4	M5	M6
EKF37	0.5	1.1	1.1	1.5	1	1
EKF47	0.8	1.3	1.7	2.2	1.6	1.6
EKF57	1.3	2.3	2.7	3	2.9	2.7
EKF67	1.1	2.4	2.8	3.6	2.7	2.7
EKF77	2.1	4.1	4.4	6	4.5	4.5
EKF87	3.7	8.2	9	11.9	8.4	8.4
EKF97	7	14.7	17.3	21.5	15.7	16.5
EKF107	10	22	26	35	25	25
EKF127	21	41.5	46	55	41	41
EKF157	31	66	69	92	62	62
EKF167	35	100	100	125	85	85

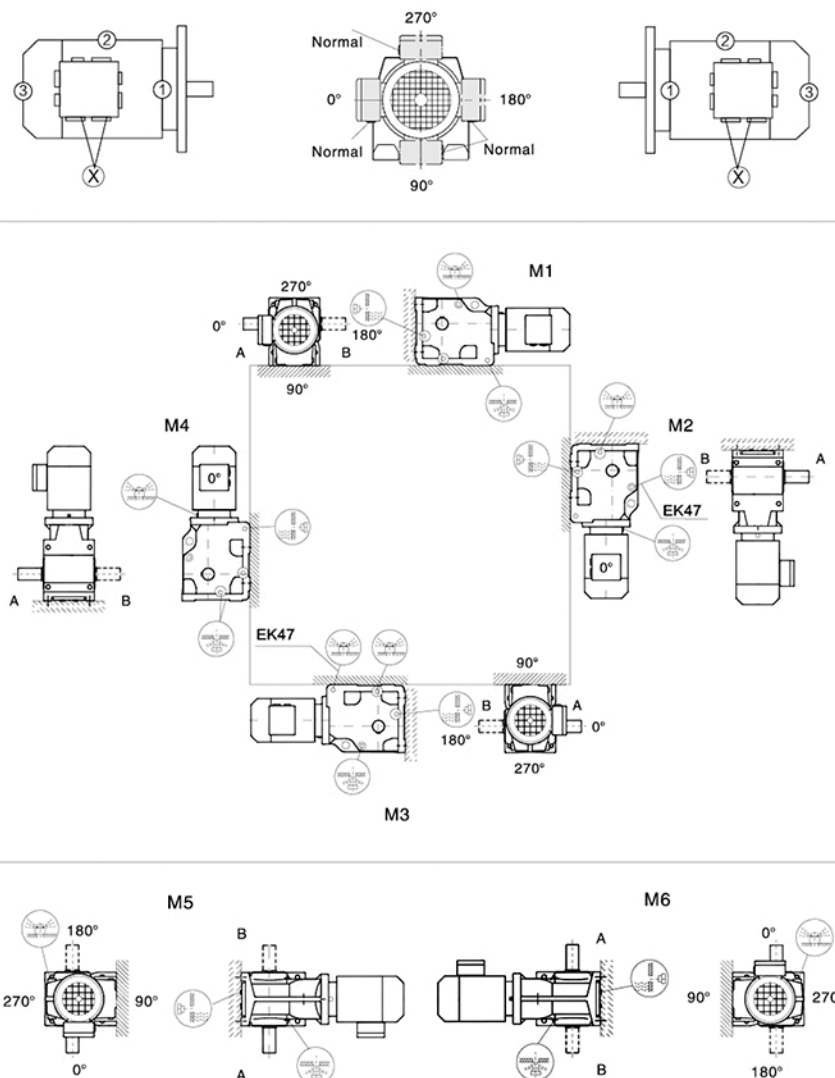


EKA, EKH, EKAF, EKHF, EKAZ, EKHZ, EKAT, EKHT

Tipo Type	Cantidad de llenado en litros (L) - Fill quantity in liters (L)					
	M1	M2	M3	M4	M5	M6
EK..37	0.5	1	1	1.4	1	1
EK..47	0.8	1.3	1.6	2.1	1.6	1.6
EK..57	1.3	2.3	2.7	3	2.9	2.7
EK..67	1.1	2.4	2.7	3.6	2.6	2.6
EK..77	2.1	4.1	4.6	6	4.4	4.4
EK..87	3.7	8.2	8.8	11.1	8	8
EK..97	7	14.7	15.7	20	15.7	15.7
EK..107	10	20.5	24	32	24	24
EK..127	21	41.5	43	52	40	40
EK..157	31	66	67	87	62	62
EK..167	35	100	100	125	85	85
EK..187	60	170	170	205	130	130

EK/EKAB37-157

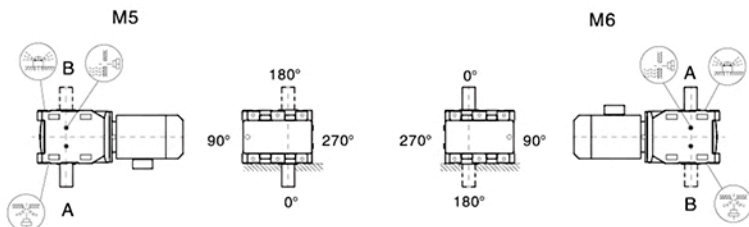
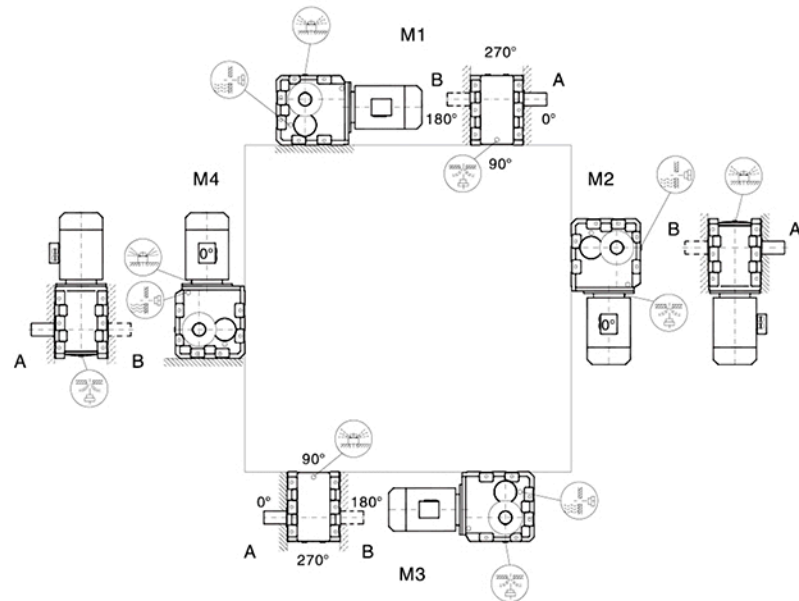
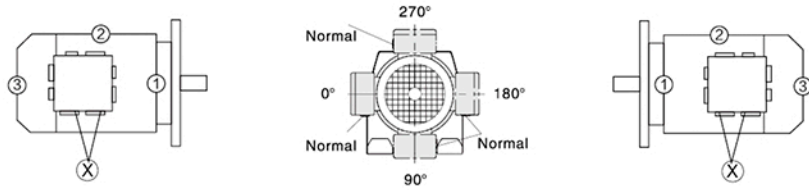
Ejemplo de posición de montaje - Mounting position example





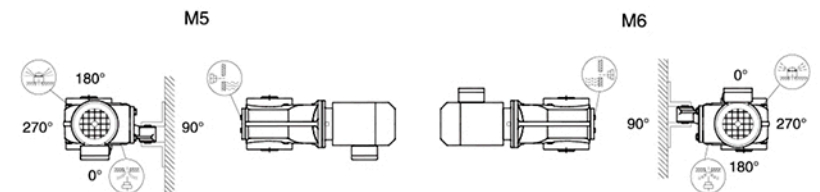
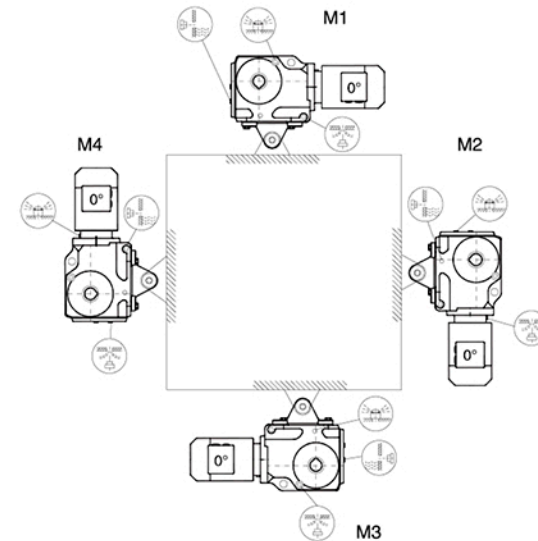
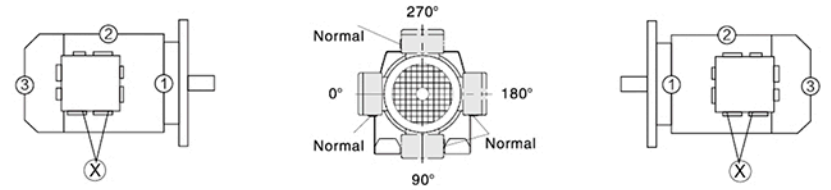
### EK/EKA167-187

Ejemplo de posición de montaje - Mounting position example



### EKA/EKAT37-157

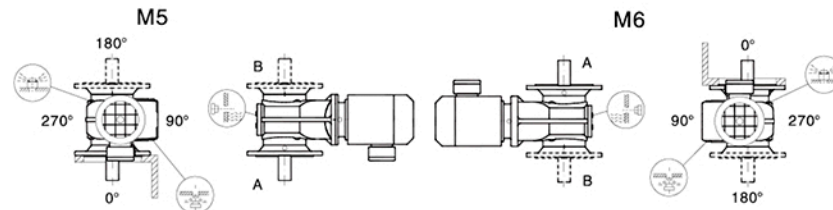
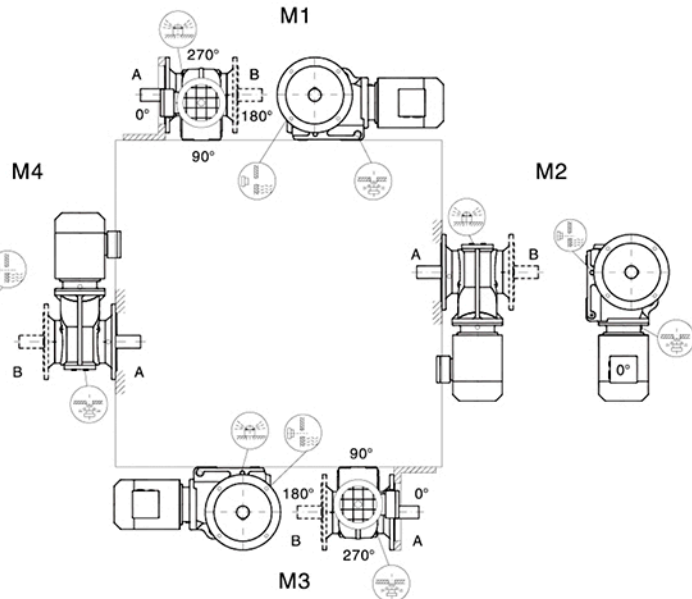
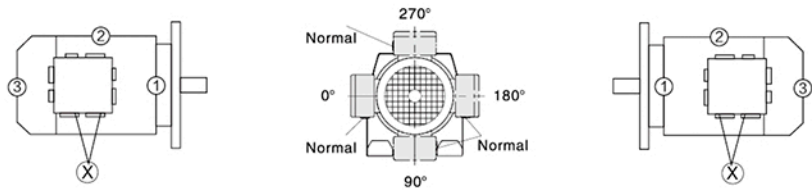
Ejemplo de posición de montaje - Mounting position example





### EKF/EKAF/EKAZ37-157

Ejemplo de posición de montaje - Mounting position example



### Forma de parámetro de selección del modelo de potencia constante de la serie EK Constant power model selection parameter form of EK series

Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole	Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole				
[r/min]	[Nm]	(i)	(fs)			[r/min]	[Nm]	(i)	(fs)						
<b>0.12kW</b>						<b>0.12kW</b>									
0.08	12300	17917	1.05	EK 127ER77 EKA 127ER77 EKF 127ER77 EKAF127ER77	4	1.0	910	1326	0.90	EK 67ER37 EKA 67ER37 EKF 67ER37 EKAF67ER37	4				
0.09	11000	16117	1.20												
0.09	10200	14813	1.30												
0.11	8460	12341	1.55												
0.13	7440	10858	1.75												
0.14	6650	9705	1.95												
0.17	5730	8365	2.3												
0.19	5040	7347	2.6												
0.10	9660	14094	0.85			EK 107ER77 EKA 107ER77 EKF 107ER77 EKAF107ER77	4	1.5	625			913	0.95	EK 57ER37 EKA 57ER37 EKF 57ER37 EKAF57ER37	4
0.12	8260	12046	0.95												
0.13	7320	10688	1.10												
0.15	6510	9502	1.25												
0.16	5780	8437	1.40												
0.19	4990	7277	1.60												
0.23	4230	6170	1.90												
0.25	3850	5616	2.1												
0.27	3520	5138	2.3												
0.32	2980	4346	2.7												
0.17	5500	8023	0.80	EK 97ER57 EKA 97ER57 EKF 97ER57 EKAF97ER57	4	2.0	475	691	1.25	EK 47ER37 EKA 47ER37 EKF 47ER37 EKAF47ER37	4				
0.20	4790	6987	0.90												
0.23	4160	6076	1.05												
0.25	3740	5458	1.15												
0.30	3150	4594	1.35												
0.34	2800	4079	1.55												
0.39	2430	3553	1.75												
0.45	2140	3122	2.0												
0.50	1912	2790	2.2												
0.57	1680	2457	2.6												
0.64	1480	2162	2.9	EK 97ER57 EKA 97ER57 EKF 97ER57 EKAF97ER57	4	2.5	390	553	1.05	EK 37ER17 EKA 37ER17 EKF 37ER17 EKAF37ER17	4				
0.74	1280	1869	3.4												
0.85	1120	1631	3.8												
0.98	980	1425	4.4												
1.1	860	1254	5.0												
1.3	755	1099	5.7												
0.30	3130	4564	0.85			EK 87ER57 EKA 87ER57 EKF 87ER57 EKAF87ER57	4	4.0	240			347	0.85	EK 57 EKA 57 EKF 57 EKAF57	4
0.35	2750	4018	1.00												
0.38	2510	3660	1.10												
0.44	2150	3131	1.25												
0.51	1870	2726	1.45												
0.58	1650	2401	1.65												
0.66	1450	2111	1.85												
0.76	1260	1838	2.1												
0.84	1140	1658	2.4												
0.98	970	1422	2.8												
1.1	840	1232	3.2	EK 77ER37 EKA 77ER37 EKF 77ER37 EKAF77ER37	4	12	99	119.63	4.1	EK 37 EKA 37 EKF 37 EKAF37	4				
1.3	730	1066	3.7												
1.5	650	946	4.2												
1.7	575	838	4.7												
1.9	495	722	5.5												
2.2	435	633	6.2												
0.52	1840	2689	0.85												
0.59	1610	2350	0.95												
0.68	1400	2048	1.10												
0.79	1200	1749	1.30												
0.93	1030	1501	1.50												
0.99	960	1399	1.60												
1.1	840	1231	1.85												
1.3	735	1072	2.1												
1.5	635	928	2.4												
1.7	555	808	2.8												
2.0	485	707	3.2												
2.2	430	628	3.6												
13	88	106.93	2.3	EK 37 EKA 37 EKF 37 EKAF37	4	17	69	72.91	3.3						
19	60	72.91	3.3												
20	56	68.15	3.6												
24	49	58.91	4.1												
28	41	50.05	4.8												
31	37	44.69	5.4												
36	31	38.17	6.4												
39	29	35.75	6.8												
46	25	30.12	8.1												
48	24	28.98	8.4												
55	21	25.12	9.7												
59	19	23.48	10												
69	17	20.29	11												
81	14	17.24	13												
90	13	15.39	14												
106	11	13.15	15												
122	9.4	11.38	17												



Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	(i)	(fs)		
<b>0.18kW</b>					
0.09	15500	14813	0.85		
0.11	12900	12341	1.00		
0.13	11400	10858	1.15		
0.14	10200	9705	1.30		
0.17	8770	8365	1.50	EK 127ER77	4
0.19	7700	7347	1.70	EKA 127ER77	4
0.21	6930	6609	1.90	EKF 127ER77	4
0.24	6090	5814	2.1	EKAF127ER77	4
0.28	5270	5031	2.5		
0.31	4660	4450	2.8		
0.36	4080	3893	3.2		
0.42	3460	3304	3.8		
0.16	8840	8437	0.90		
0.19	7630	7277	1.05		
0.23	6470	6170	1.25		
0.25	5890	5616	1.35		
0.27	5380	5138	1.50	EK 107ER77	4
0.32	4550	4346	1.75	EKA 107ER77	4
0.36	4030	3847	2.0	EKF 107ER77	4
0.41	3520	3354	2.3	EKAF107ER77	4
0.47	3130	2984	2.6		
0.53	2750	2625	2.9		
0.61	2400	2290	3.3		
0.30	4810	4594	0.90		
0.34	4270	4079	1.00	EK 97ER57	4
0.39	3720	3553	1.15	EKA 97ER57	4
0.45	3270	3122	1.30	EKF 97ER57	4
0.50	2924	2790	1.47	EKAF97ER57	4
0.57	2580	2457	1.65		
0.64	2270	2162	1.90		
0.74	1960	1869	2.2		
0.85	1710	1631	2.5		
0.98	1490	1426	2.9	EK 97ER57	4
1.1	1310	1254	3.3	EKA 97ER57	4
1.3	1150	1099	3.7	EKF 97ER57	4
1.5	1000	958	4.3	EKAF97ER57	4
1.6	900	861	4.8		
1.9	785	748	5.5		
2.1	690	656	6.3		
0.44	3280	3131	0.80	EK 87ER57	4
0.51	2860	2726	0.95	EKA 87ER57	4
0.58	2520	2401	1.05	EKF 87ER57	4
				EKAF87ER57	4
0.66	2210	2111	1.20		
0.76	1930	1838	1.40		
0.84	1740	1658	1.55		
0.98	1490	1422	1.80	EK 87ER57	4
1.1	1290	1232	2.1	EKA 87ER57	4
1.3	1120	1066	2.4	EKF 87ER57	4
1.5	990	946	2.7	EKAF87ER57	4
1.7	880	838	3.1		
1.9	755	722	3.6		
2.2	665	633	4.1		
0.93	1570	1501	1.00		
0.99	1470	1399	1.05		
1.1	1290	1231	1.20		
1.3	1120	1072	1.40		
1.5	970	928	1.60	EK 77ER37	4
1.7	850	808	1.85	EKA 77ER37	4
2.0	740	707	2.1	EKF 77ER37	4
2.2	660	628	2.4	EKAF77ER37	4
2.6	570	545	2.7		
2.9	510	487	3.0		
3.2	450	429	3.4		
3.8	385	369	4.0		
1.7	840	801	1.00		
2.0	735	701	1.10	EK 67ER37	4
2.2	655	623	1.25	EKA 67ER37	4
2.6	570	544	1.45	EKF 67ER37	4
2.9	495	472	1.65	EKAF67ER37	4

Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	(i)	(fs)		
<b>0.18kW</b>					
3.3	440	419	1.85	EK 67ER37	4
3.8	380	362	2.2	EKA 67ER37	4
4.3	335	321	2.4	EKF 67ER37	4
5.0	290	278	2.8	EKAF67ER37	4
2.6	560	536	1.05		
3.0	495	470	1.20		
3.3	440	419	1.35		
3.9	380	361	1.60	EK 57ER37	4
4.4	330	316	1.80	EKA 57ER37	4
4.9	295	282	2.0	EKF 57ER37	4
5.7	260	246	2.3	EKAF57ER37	4
6.5	225	215	2.7		
7.1	205	195	2.9		
8.2	177	169	3.4		
3.7	400	380	1.00		
4.3	340	325	1.15		
4.8	305	290	1.30		
5.4	270	256	1.50	EK 47ER37	4
6.2	235	225	1.70	EKA 47ER37	4
7.0	210	200	1.90	EKF 47ER37	4
8.2	177	169	2.3	EKAF47ER37	4
9.0	162	155	2.5		
11	137	131	2.9		
6.7	215	206	0.95		
7.6	191	182	1.05	EK 37ER17	4
8.6	169	161	1.20	EKA 37ER17	4
10	143	136	1.40	EKF 37ER17	4
11	134	128	1.50	EKAF37ER17	4
5.7	305	150.15	2.7	EK 67	6
6.6	260	128.12	3.2	EKA 67	6
7.6	225	112.03	3.6	EKF 67	6
8.1	215	105.19	3.9	EKAF67	6
9.3	186	150.15	4.4	EK 67	4
11	158	128.12	5.2	EKA 67	4
12	139	112.03	5.9	EKF 67	4
13	130	105.19	6.3	EKAF67	4
5.7	300	147.88	2.0		
6.7	255	126.18	2.4	EK 57	6
7.7	225	110.33	2.7	EKA 57	6
8.2	210	103.59	2.9	EKF 57	6
9.2	186	91.96	3.2	EKAF57	6
9.4	183	147.88	3.3		
11	156	126.18	3.8	EK 57	4
13	136	110.33	4.4	EKA 57	4
13	128	103.59	4.7	EKF 57	4
15	114	91.96	5.3	EKAF57	4
18	96	78.00	6.2		
7.1	240	119.63	1.65	EK 47	6
7.7	225	110.20	1.80	EKA 47	6
9.0	191	94.68	2.1	EKF 47	6
10	167	82.42	2.4	EKAF47	6
12	148	119.63	2.7	EK 47	4
13	136	110.20	2.9	EKA 47	4
15	117	94.68	3.4	EKF 47	4
17	102	82.42	3.9	EKAF47	4
7.9	215	106.93	0.90		
8.6	199	98.31	1.00	EKA 37	6
10	170	84.12	1.20	EKF 37	6
12	147	72.91	1.35	EKAF37	6

Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	(i)	(fs)		
<b>0.18kW</b>					
13	132	106.93	1.50		
14	122	98.31	1.65		
17	104	84.12	1.90		
19	90	72.91	2.2		
20	84	68.15	2.4		
24	73	58.91	2.7		
28	62	50.05	3.2		
31	55	44.69	3.6		
36	47	38.17	4.2		
39	44	35.75	4.5		
46	37	30.12	5.4	EK 37	4
48	36	28.98	5.6	EKA 37	4
55	31	25.12	6.4	EKF 37	4
59	29	23.48	6.7	EKAF37	4
69	25	20.29	7.4		
81	21	17.24	8.4		
90	19	15.39	9.2		
106	16	13.15	10		
122	14	11.38	11		
141	12	9.83	13		
166	10	8.36	15		
186	9.2	7.46	17		
218	7.9	6.37	19		
233	7.4	5.97	20		
<b>0.25kW</b>					
0.14	14200	9705	0.90		
0.17	12300	8365	1.05		
0.19	10800	7347	1.20		
0.21	9680	6609	1.35	EK 127ER77	4
0.24	8510	5814	1.55	EKA 127ER77	4
0.28	7370	5031	1.75	EKF 127ER77	4
0.31	6520	4450	2.0	EKAF127ER77	4
0.36	5700	3893	2.3		
0.42	4840	3304	2.7		
0.23	9040	6170	0.90		
0.25	8220	5616	0.95		
0.27	7520	5138	1.05		
0.32	6360	4346	1.25	EK 107ER77	4
0.36	5630	3847	1.40	EKA 107ER77	4
0.41	4910	3354	1.65	EKF 107ER77	4
0.47	4370	2984	1.85	EKAF107ER77	4
0.53	3840	2625	2.1		
0.61	3350	2290	2.4		
0.71	2850	1946	2.8		
0.82	2480	1693	3.2	EK 107ER77	4
0.91	2230	1525	3.6	EKA 107ER77	4
1.0	1960	1338	4.1	EKF 107ER77	4
				EKAF107ER77	4
0.45	4570	3122	0.95	EK 97ER57	4
0.50	4090	2790	1.05	EKA 97ER57	4
				EKF 97ER57	4
				EKAF97ER57	4
0.57	3600	2457	1.20		
0.64	3170	2162	1.35		
0.74	2740	1869	1.55		
0.85	2390	1631	1.80	EK 97ER57	4
0.98	2090	1425	2.1	EKA 97ER57	4
1.1	1840	1254	2.3	EKF 97ER57	4
1.3	1610	1099	2.7	EKAF97ER57	4
1.5	1400	958	3.1		
1.6	1260	861	3.4		

Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	(i)	(fs)		
<b>0.25kW</b>					
0.66	3090	2111			



Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	[i]	[fs]		
<b>0.25kW</b>					
5.0	475	128.12	1.75	EK 67	8
5.8	415	112.03	2.0	EKA 67	8
6.1	390	105.19	2.1	EKF 67	8
6.9	345	93.38	2.4	EKAF67	8
5.7	420	150.15	1.95	EK 67	6
6.6	360	128.12	2.3	EKA 67	6
7.6	315	112.03	2.6	EKF 67	6
8.1	295	105.19	2.8	EKAF67	6
9.3	260	150.15	3.2	EK 67	4
11	220	128.12	3.7	EKA 67	4
12	192	112.03	4.3	EKF 67	4
13	181	105.19	4.5	EKAF67	4
5.7	415	147.88	1.45	EK 57	6
6.7	355	126.18	1.70	EKA 57	6
7.7	310	110.33	1.95	EKF 57	6
8.2	290	103.59	2.1	EKAF57	6
9.2	260	91.96	2.3	EKAF57	6
11	220	78.00	2.7		6
9.4	255	147.88	2.4	EK 57	4
11	215	126.18	2.8	EKA 57	4
13	189	110.33	3.2	EKF 57	4
13	178	103.59	3.4	EKF 57	4
15	158	91.96	3.8	EKAF57	4
18	134	78.00	4.5		4
7.1	335	119.63	1.20	EK 47	6
7.7	310	110.20	1.30	EKA 47	6
9.0	265	94.68	1.50	EKF 47	6
10	230	82.42	1.75	EKAF47	6
12	205	119.63	1.95	EK 47	4
13	189	110.20	2.1	EKA 47	4
15	163	94.68	2.5	EKF 47	4
17	142	82.42	2.8	EKAF47	4
10	235	84.12	0.85	EK 37	6
12	205	72.91	1.00	EKA 37	6
12	191	68.15	1.05	EKF 37	6
14	165	58.91	1.20	EKF 37	6
17	141	50.05	1.40	EKAF37	6
13	184	106.93	1.10		4
14	169	98.31	1.20		4
17	144	84.12	1.40		4
19	125	72.91	1.60		4
20	117	68.15	1.70		4
24	101	58.91	2.0		4
28	86	50.05	2.3		4
31	77	44.69	2.6		4
36	66	38.17	3.1		4
39	61	35.75	3.3		4
46	52	30.12	3.9	EK 37	4
48	50	28.98	4.0	EKA 37	4
55	43	25.12	4.6	EKF 37	4
59	40	23.48	4.8	EKAF37	4
69	35	20.29	5.3		4
81	30	17.24	6.1		4
90	26	15.39	6.6		4
106	23	13.15	7.3		4
122	20	11.38	8.2		4
141	17	9.83	9.5		4
166	14	8.36	11		4
186	13	7.46	12		4
218	11	6.37	14		4
233	10	5.97	14		4

Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	[i]	[fs]		
<b>0.37kW</b>					
0.19	16100	7347	0.80		
0.21	14500	6609	0.90		
0.24	12700	5814	1.00		
0.28	11000	5031	1.20	EK 127ER77	4
0.31	9750	4450	1.35	EKA 127ER77	4
0.36	8530	3893	1.50	EKF 127ER77	4
0.42	7240	3304	1.80	EKAF127ER77	4
0.46	6570	3002	2.0		
0.53	5720	2613	2.3		
0.61	5020	2294	2.6		
0.74	4120	1880	3.2	EK 127ER77	4
0.80	3790	1731	3.4	EKA 127ER77	4
0.92	3320	1515	3.9	EKF 127ER77	4
				EKAF127ER77	4
0.36	8420	3847	0.95		
0.41	7350	3354	1.10	EK 107ER77	4
0.47	6530	2984	1.20	EKA 107ER77	4
0.53	5750	2625	1.40	EKF 107ER77	4
0.61	5020	2290	1.60	EKAF107ER77	4
0.71	4260	1946	1.90		
0.82	3710	1693	2.2	EK 107ER77	4
0.91	3340	1525	2.4	EKA 107ER77	4
1.0	2930	1338	2.7	EKF 107ER77	4
1.2	2590	1181	3.1	EKAF107ER77	4
0.64	4730	2162	0.90		
0.74	4090	1869	1.05		
0.85	3570	1631	1.20		
0.98	3120	1425	1.40		
1.1	2750	1254	1.55	EK 97ER57	4
1.3	2410	1099	1.80	EKA 97ER57	4
1.5	2100	958	2.0	EKF 97ER57	4
1.6	1890	861	2.3	EKAF97ER57	4
1.9	1640	748	2.6		
2.1	1440	656	3.0		
2.4	1260	577	3.4		
0.98	3110	1422	0.85		
1.1	2700	1232	1.00		
1.3	2330	1066	1.15		
1.5	2070	946	1.30		
1.7	1840	838	1.45	EK 87ER57	4
1.9	1580	722	1.70	EKA 87ER57	4
2.2	1390	633	1.95	EKF 87ER57	4
2.5	1230	562	2.2	EKAF87ER57	4
2.9	1040	474	2.6		
3.2	940	428	2.9		
3.7	830	377	3.3		
1.7	1770	808	0.90		
2.0	1550	707	1.00		
2.2	1380	628	1.15		
2.6	1190	545	1.30		
2.9	1070	487	1.45		
3.2	940	429	1.65	EK 77ER37	4
3.8	810	369	1.90	EKA 77ER37	4
4.2	720	329	2.2	EKF 77ER37	4
4.8	640	292	2.4	EKAF77ER37	4
5.6	545	250	2.8		
6.3	485	221	3.2		
7.1	430	197	3.6		
7.9	390	177	4.0		
8.9	340	156	4.5		

Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	[i]	[fs]		
<b>0.37kW</b>					
3.3	920	419	0.90		
3.8	795	362	1.05		
4.3	705	321	1.15		
5.0	610	278	1.35	EK 67ER37	4
5.7	540	246	1.50	EKA 67ER37	4
6.3	480	219	1.70	EKF 67ER37	4
7.4	415	189	2.0	EKAF67ER37	4
8.4	365	166	2.3		
9.7	315	143	2.6		
11	265	122	3.1		
4.9	620	282	0.95		
5.7	540	246	1.10		
6.5	470	215	1.25		
7.1	425	195	1.40	EK 57ER37	4
8.2	370	169	1.60	EKA 57ER37	4
9.5	320	147	1.85	EKF 57ER37	4
11	285	131	2.1	EKAF57ER37	4
12	245	112	2.4		
14	210	96	2.9		
3.9	910	171.71	3.0	EK 87	8
4.1	850	162.00	3.2	EKA 87	8
4.6	765	145.23	3.5	EKF 87	8
				EKAF87	8
4.5	775	194.56	3.5	EK 87	6
5.2	685	171.71	3.9	EKA 87	6
				EKF 87	6
				EKAF87	6
4.5	780	147.83	2.0		
4.8	735	139.13	2.1	EK 77	8
5.4	655	124.09	2.4	EKA 77	8
6.3	560	106.05	2.8	EKF 77	8
7.0	510	96.25	3.1	EKAF77	8
5.3	670	168.31	2.3		
6.0	590	147.83	2.6	EK 77	6
6.4	555	139.13	2.8	EKA 77	6
7.1	495	124.09	3.1	EKF 77	6
8.3	425	106.05	3.7	EKAF77	6
6.6	535	210.00	2.7	EK 77	4
7.2	495	194.25	2.9	EKA 77	4
8.3	430	168.31	3.6	EKF 77	4
9.4	375	147.83	4.1	EKAF77	4
6.0	590	112.03	1.40	EK 67	8
6.4	555	105.19	1.50	EKA 67	8
7.2	490	93.38	1.65	EKF 67	8
				EKAF67	8
6.9	510	128.12	1.60	EK 67	6
7.9	445	112.03	1.85	EKA 67	6
8.4	420	105.19	1.95	EKF 67	6
9.5	375	93.38	2.2	EKAF67	6
9.3	380	150.15	2.1		
11	325	128.12	2.5		
12	285	112.03	2.9	EK 67	4
13	265	105.19	3.1	EKA 67	4
15	235	93.38	3.5	EKF 67	4
18	200	79.20	4.1	EKAF67	4
19	182	71.50	4.5		

Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	[i]	[fs]		
<b>0.37kW</b>					
7.0	505	126.18	1.20		
8.0	440	110.33	1.35	EK 57	6
8.5	415	103.59	1.45	EKA 57	6
9.6	365	91.96	1.65	EKF 57	6
11	310	78.00	1.95	EKAF57	6
13	280	70.42	2.1		
9.4	375	147.88	1.60		
11	320	126.18	1.85		
13	280	110.33	2.1	EK 57	4
13	265	103.59	2.3	EKA 57	4
15	235	91.96	2.6	EKF 57	4
18	198	78.00	3.0	EKAF57	4
20	179	70.42	3.4		
9.3	380	94.68	1.05	EK 47	6
11	330	82.42	1.20	EKA 47	6
11	310	77.21	1.30	EKF 47	6
13	270	68.22	1.45	EKAF47	6
12	305	119.63	1.30		
13	280	110.20	1.45		
15	240	94.68	1.65	EK 47	4
17	210	82.42	1.90	EKA 47	4
18	196	77.21	2.0	EKF 47	4
20	173	68.22	2.3	EKAF47	4
22	161	63.36	2.5		
14	250	98.31	0.80		
17	215	84.12	0.95		
19	185	72.91	1.10		
20	173	68.15	1.15		
24	150	58.91	1.35		
28	127	50.05	1.55		
31	114	44.69	1.75		
36	97	38.17	2.1		
39	91	35.75	2.2		
46	77	30.12	2.6		
48	74	28.98	2.7		
55	64	25.12	3.1	EK 37	4
59	60	23.48	3.3	EKA 37	4
69	52	20.29	3.6	EKF 37	4
81	44	17.24	4.1	EKAF37	4
90	39	15.39	4.5		
106	33	13.15	4.9		
122	29	11.38	5.5		
141	25	9.83	6.4		
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Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	(i)	(fs)		
<b>0.55kW</b>					
0.20	22100	6783	0.80		
0.23	19400	5964	0.95	EK 157ER97	4
0.30	14900	4580	1.20	EKA 157ER97	4
0.35	12900	3971	1.40	EKF 157ER97	4
0.39	11500	3533	1.55	EKAF157ER97	4
0.46	9910	3041	1.80		
0.31	14500	4450	0.90		
0.36	12700	3893	1.00	EK 127ER77	4
0.42	10800	3304	1.20	EKA 127ER77	4
0.46	9780	3002	1.35	EKF 127ER77	4
0.53	8510	2613	1.55	EKAF127ER77	4
0.74	6130	1880	2.1		
0.80	5640	1731	2.3	EK 127ER77	4
0.92	4940	1515	2.6	EKA 127ER77	4
1.0	4450	1365	2.9	EKF 127ER77	4
1.2	3900	1198	3.3	EKAF127ER77	4
1.3	3390	1041	3.8		
0.47	9720	2984	0.80	EK 107ER77	4
0.53	8550	2625	0.95	EKA 107ER77	4
0.61	7460	2290	1.05	EKF 107ER77	4
0.71	6340	1946	1.25	EKAF107ER77	4
0.82	5520	1693	1.45		
0.91	4970	1525	1.60		
1.0	4360	1338	1.85		
1.2	3850	1181	2.1	EK 107ER77	4
1.3	3410	1047	2.3	EKA 107ER77	4
1.5	2930	899	2.7	EKF 107ER77	4
1.8	2580	792	3.1	EKAF107ER77	4
2.0	2250	691	3.6		
2.2	2040	627	3.9		
0.98	4640	1425	0.95		
1.1	4090	1254	1.05		
1.3	3580	1099	1.20		
1.5	3120	958	1.40		
1.6	2810	861	1.55		
1.9	2440	748	1.75	EK 97ER57	4
2.1	2140	656	2.0	EKA 97ER57	4
2.4	1880	577	2.3	EKF 97ER57	4
2.8	1650	505	2.6	EKAF97ER57	4
3.2	1420	437	3.0		
3.6	1260	388	3.4		
4.1	1120	343	3.8		
4.5	1000	306	4.3		
1.5	3080	946	0.90		
1.7	2730	838	1.00		
1.9	2350	722	1.15		
2.2	2060	633	1.30		
2.5	1830	562	1.45		
2.9	1540	474	1.75	EK 87ER57	4
3.2	1390	428	1.95	EKA 87ER57	4
3.7	1230	377	2.2	EKF 87ER57	4
4.2	1070	329	2.5	EKAF87ER57	4
4.7	960	296	2.8		
5.6	800	247	3.4		
5.8	775	238	3.5		
6.9	660	202	4.1		
2.9	1590	487	1.00		
3.2	1400	429	1.10		
3.8	1200	369	1.30		
4.2	1070	329	1.45	EK 77ER37	4
4.8	950	292	1.65	EKA 77ER37	4
5.6	810	250	1.90	EKF 77ER37	4
6.3	720	221	2.2	EKAF77ER37	4
7.1	640	197	2.4		
7.9	575	177	2.7		
8.9	510	156	3.0		

Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	(i)	(fs)		
<b>0.55kW</b>					
5.0	910	278	0.90		
5.7	800	246	1.00		
6.3	715	219	1.15	EK 67ER37	4
7.4	615	189	1.35	EKA 67ER37	4
8.4	540	166	1.50	EKF 67ER37	4
9.7	465	143	1.75	EKAF67ER37	4
11	395	122	2.1		
7.1	635	195	0.95		
8.2	550	169	1.10	EK 57ER37	4
9.5	480	147	1.25	EKA 57ER37	4
11	425	131	1.40	EKF 57ER37	4
12	365	112	1.65	EKAF57ER37	4
14	315	96	1.90		
3.9	1350	171.71	2.0	EK 87	8
4.1	1270	162.00	2.1	EKA 87	8
4.6	1140	145.23	2.4	EKF 87	8
				EKAF87	8
5.2	1020	171.71	2.6	EK 87	6
5.5	960	162.00	2.8	EKA 87	6
6.1	860	145.23	3.1	EKF 87	6
				EKAF87	6
4.5	1160	147.83	1.35		
4.8	1090	139.13	1.40	EK 77	8
5.4	970	124.09	1.60	EKA 77	8
6.3	830	106.05	1.85	EKF 77	8
7.0	755	96.25	2.1	EKAF77	8
6.0	880	147.83	1.75	EK 77	6
6.4	830	139.13	1.90	EKA 77	6
7.1	735	124.09	2.1	EKF 77	6
8.3	630	106.05	2.5	EKAF77	6
9.4	560	147.83	2.8		
10	525	139.13	2.9	EK 77	4
11	470	124.09	3.3	EKA 77	4
13	400	106.05	3.9	EKF 77	4
14	365	96.25	4.3	EKAF77	4
6.9	760	128.12	1.10		
7.9	665	112.03	1.25	EK 67	6
8.4	625	105.19	1.30	EKA 67	6
9.5	555	93.38	1.50	EKF 67	6
11	470	79.20	1.75	EKAF67	6
12	425	112.03	1.95		
13	395	105.19	2.1	EK 67	4
15	355	93.38	2.3	EKA 67	4
18	300	79.20	2.7	EKF 67	4
19	270	71.50	3.0	EKAF67	4
8.0	655	110.33	0.90		
8.5	615	103.59	1.00		
9.6	545	91.96	1.10	EK 57	6
11	465	78.00	1.30	EKA 57	6
13	420	70.42	1.45	EKF 57	6
14	370	61.95	1.65	EKAF57	6
15	345	58.50	1.75		
13	415	110.33	1.45		
13	390	103.59	1.55		
15	345	91.96	1.75	EK 57	4
18	295	78.00	2.0	EKA 57	4
20	265	70.42	2.3	EKF 57	4
22	235	61.95	2.6	EKAF57	4
24	220	58.50	2.7		

Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	(i)	(fs)		
<b>0.55kW</b>					
17	310	82.42	1.30		
18	290	77.21	1.35		
20	260	68.22	1.55	EK 47	4
22	240	63.36	1.65	EKA 47	4
24	215	57.42	1.85	EKF 47	4
27	195	51.56	2.1	EKAF47	4
31	168	44.41	2.4		
24	225	58.91	0.90		
28	189	50.05	1.05		
31	169	44.69	1.20		
36	144	38.17	1.40		
39	135	35.75	1.50		
46	114	30.12	1.75		
55	95	25.12	2.1		
59	89	23.48	2.2		
69	77	20.29	2.4		
81	65	17.24	2.8	EK 37	4
90	58	15.39	3.0	EKA 37	4
106	50	13.15	3.3	EKF 37	4
122	43	11.38	3.7	EKAF37	4
141	37	9.83	4.3		
166	32	8.36	5.1		
186	28	7.46	5.5		
218	24	6.37	6.2		
233	23	5.97	6.4		
276	19	5.03	7.4		
373	14	3.73	8.9		
<b>0.75kW</b>					
0.11	58900	13181	0.85		
0.13	46500	10417	1.05		
0.15	42000	9409	1.20	EK 187ER97	4
0.19	32700	7327	1.55	EKA187ER97	4
0.21	30100	6734	1.65		
0.23	26700	5980	1.85		
0.16	38000	8505	0.85		
0.21	29300	6588	1.10		
0.26	23500	5254	1.35	EK 167ER97	4
0.29	21600	4843	1.50	EKA167ER97	4
0.34	18200	4069	1.75		
0.41	15000	3369	2.1		
0.35	17700	3971	1.00		
0.39	15800	3533	1.15		
0.46	13600	3041	1.35	EK 157ER97	4
0.53	11700	2608	1.55	EKA 157ER97	4
0.60	10400	2335	1.75	EKF 157ER97	4
0.69	9040	2024	2.0	EKAF157ER97	4
0.77	8060	1805	2.2		
0.84	7360	1648	2.4	EK 157ER97	4
1.0	6010	1346	3.0	EKA 157ER97	4
				EKF 157ER97	4
				EKAF157ER97	4
0.42	14800	3304	0.90	EK 127ER77	4
0.46	13400	3002	0.95	EKA 127ER77	4
0.53	11700	2613	1.10	EKF 127ER77	4
0.61	10200	2294	1.25	EKAF127ER77	4
0.74	8400	1880	1.55		
0.80	7730	1731	1.70		
0.92	6770	1515	1.90	EK 127ER77	4
1.0	6100	1365	2.1	EKA 127ER77	4
1.2	5350	1198	2.4	EKF 127ER77	4
1.3	4650	1041	2.8	EKAF127ER77	4
1.6	3970	889	3.3		

Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	(i)	(fs)		
<b>0.75kW</b>					
0.82	7560	1693	1.05		
0.91	6810	1525	1.15		
1.0	5980	1338	1.35		
1.2	5280	1181	1.50	EK 107ER77	4
1.3	4680	1047	1.70	EKA 107ER77	4
1.5	4020	899	2.0	EKF 107ER77	4
1.8	3540	792	2.3	EKAF107ER77	4
2.0	3090	691	2.6		
2.2	2800	627	2.9		
1.3	4910	1099	0.90		
1.5	4280	958	1.00		
1.6	3850	861	1.10		
1.9	3340	748	1.30		
2.1	2930	656	1.45		
2.4	2580	577	1.65	EK 97ER57	4
2.8	2260	505	1.90	EKA 97ER57	4
3.2	1950	437	2.2	EKF 97ER57	4
3.6	1730	388	2.5	EKAF97ER57	4
4.1	1530	343	2.8		
4.5	1370	306	3.1		
5.3	1160	260	3.7		
6.0	1030	231	4.2		
7.0	890	200	4.8		
1.9	3230	722	0.85		
2.2	2830	633	0.95		
2.5	2510	562	1.10		
2.9	2120	474	1.30		
3.2	1910	428	1.40	EK 87ER57	4
3.7	1680	377	1.60	EKA 87ER57	4
4.2	1470	329	1.85	EKF 87ER57	4
4.7	1320	296	2.0	EKAF87ER57	4
5.6					



Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	[i]	[fs]		
<b>0.75kW</b>					
9.4	760	147.83	2.0		
10	715	139.13	2.2	EK 77	4
11	640	124.09	2.4	EKA 77	4
13	545	106.05	2.8	EKF 77	4
14	495	96.25	3.1	EKAF77	4
12	575	112.03	1.40		
13	540	105.19	1.50		
15	480	93.38	1.70	EK 67	4
18	410	79.20	2.0	EKA 67	4
19	370	71.50	2.2	EKF 67	4
22	325	62.91	2.5	EKAF67	4
23	305	59.40	2.7		
11	650	126.18	0.90		
13	570	110.33	1.05		
13	535	103.59	1.10		
15	475	91.96	1.25	EK 57	4
18	400	78.00	1.50	EKA 57	4
20	365	70.42	1.65	EKF 57	4
22	320	61.95	1.90	EKAF57	4
24	300	58.50	2.0		
28	255	49.81	2.3		
31	235	45.27	2.6		
18	400	77.21	1.00		
20	350	68.22	1.15		
22	325	63.36	1.25		
24	295	57.42	1.35	EK 47	4
27	265	51.56	1.50	EKA 47	4
31	230	44.41	1.75	EKF 47	4
33	215	41.76	1.85	EKAF47	4
39	185	35.93	2.2		
43	165	32.11	2.4		
49	146	28.39	2.7		
31	230	44.69	0.85		
36	197	38.17	1.00		
39	184	35.75	1.10		
46	155	30.12	1.30		
55	129	25.12	1.55		
59	121	23.48	1.60		
69	105	20.29	1.75		
81	89	17.24	2.0	EK 37	4
90	79	15.39	2.2	EKA 37	4
106	68	13.15	2.4	EKF 37	4
122	59	11.38	2.7	EKAF37	4
141	51	9.83	3.2		
166	43	8.36	3.7		
186	38	7.46	4.0		
218	33	6.37	4.6		
233	31	5.97	4.7		
276	26	5.03	5.4		
373	19	3.73	6.5		
<b>1.1kW</b>					
0.15	61300	9409	0.80		
0.17	52200	8011	0.95		
0.19	47800	7327	1.05		
0.21	43900	6734	1.15	EK 187ER97	4
0.23	39000	5980	1.30	EKA187ER97	4
0.26	34800	5346	1.45		
0.29	31300	4807	1.60		
0.32	28400	4361	1.75		

Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	[i]	[fs]		
<b>1.1kW</b>					
0.27	34300	5254	0.95		
0.29	31600	4843	1.00		
0.34	26500	4069	1.20	EK 167ER97	4
0.42	22000	3369	1.45	EKA167ER97	4
0.51	17900	2749	1.80		
0.62	14700	2258	2.2		
0.64	14200	2181	2.3		
0.81	11200	1723	2.8	EK 167ER97	4
1.0	9130	1401	3.5	EKA167ER97	4
1.1	8320	1277	3.8		
0.40	23000	3533	0.80		
0.46	19800	3041	0.90	EK 157ER97	4
0.54	17000	2608	1.05	EKA 157ER97	4
0.60	15200	2335	1.20	EKF 157ER97	4
0.69	13200	2024	1.35	EKAF157ER97	4
0.78	11800	1805	1.55		
0.85	10700	1648	1.70		
1.0	8770	1346	2.1	EK 157ER97	4
1.1	7990	1225	2.3	EKA 157ER97	4
1.3	7150	1097	2.5	EKF 157ER97	4
1.5	6110	938	2.9	EKAF157ER97	4
1.6	5550	851	3.2		
0.74	12300	1880	1.05		
0.81	11300	1731	1.15		
0.92	9880	1515	1.30		
1.0	8900	1365	1.45		
1.2	7810	1198	1.65	EK 127ER77	4
1.3	6790	1041	1.90	EKA 127ER77	4
1.6	5800	889	2.2	EKF 127ER77	4
1.8	5080	780	2.6	EKAF127ER77	4
2.0	4550	698	2.9		
2.3	3980	610	3.3		
2.5	3590	550	3.6		
2.9	3160	484	4.1		
1.2	7700	1181	1.05		
1.3	6830	1047	1.15		
1.6	5860	899	1.35		
1.8	5160	792	1.55		
2.0	4500	691	1.80	EK 107ER77	4
2.2	4090	627	1.95	EKA 107ER77	4
2.7	3380	518	2.4	EKF 107ER77	4
3.1	2970	456	2.7	EKAF107ER77	4
3.5	2640	405	3.0		
3.8	2390	367	3.3		
4.4	2060	316	3.9		
1.9	4880	748	0.90		
2.1	4280	656	1.00		
2.4	3760	577	1.15	EK 97ER57	4
2.8	3290	505	1.30	EKA 97ER57	4
3.2	2850	437	1.50	EKF 97ER57	4
3.6	2530	388	1.70	EKAF97ER57	4
4.1	2240	343	1.90		
3.0	3090	474	0.85		
3.3	2790	428	0.95		
3.7	2460	377	1.10	EK 87ER57	4
4.3	2140	329	1.25	EKA 87ER57	4
4.7	1930	296	1.40	EKF 87ER57	4
5.7	1610	247	1.70	EKAF87ER57	4
5.9	1550	238	1.75		
6.9	1320	202	2.1		

Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	[i]	[fs]		
<b>1.1kW</b>					
3.7	2860	185.35	1.50	EK 97	8
4.2	2490	161.31	1.75	EKA 97	8
4.6	2280	147.69	1.90	EKF 97	8
5.2	2020	130.48	2.1	EKAF97	8
4.9	2140	185.35	2.0	EK 97	6
5.6	1860	161.31	2.3	EKA 97	6
6.2	1700	147.69	2.5	EKF 97	6
7.0	1510	130.48	2.9	EKAF97	6
7.6	1390	185.35	3.1	EK 97	4
8.7	1210	161.31	3.6	EKA 97	4
9.5	1110	147.69	3.9	EKF 97	4
11	980	130.48	4.4	EKAF97	4
5.3	1980	171.71	1.35		
5.6	1870	162.00	1.45	EK 87	6
6.3	1680	145.23	1.60	EKA 87	6
7.3	1440	125.10	1.85	EKF 87	6
8.0	1320	114.17	2.0	EKAF87	6
8.2	1290	117.71	2.1		
8.6	1220	162.00	2.2	EK 87	4
9.6	1090	145.23	2.5	EKA 87	4
11	940	125.10	2.9	EKF 87	4
12	860	114.17	3.2	EKAF87	4
6.5	1610	139.13	0.95	EK 77	6
7.3	1430	124.09	1.10	EKA 77	6
8.6	1220	106.05	1.25	EKF 77	6
9.5	1110	96.25	1.40	EKAF77	6
9.5	1110	147.83	1.40		
10	1040	139.13	1.50		
11	930	124.09	1.65	EK 77	4
13	795	106.05	1.95	EKA 77	4
15	720	96.25	2.1	EKF 77	4
16	640	85.31	2.4	EKAF77	4
17	605	80.85	2.6		
20	530	70.76	2.9		
12	840	112.03	1.00		
13	790	105.19	1.05		
15	700	93.38	1.15		
18	595	79.20	1.40		
20	535	71.50	1.55	EK 67	4
22	470	62.91	1.75	EKA 67	4
24	445	59.40	1.85	EKF 67	4
28	380	50.58	2.2	EKAF67	4
30	345	45.96	2.4		
35	300	39.82	2.7		
38	275	36.93	3.0		
15	690	91.96	0.85		
18	585	78.00	1.05		
20	530	70.42	1.15		
23	465	61.95	1.30		
24	440	58.50	1.35		
28	375	49.81	1.60		
31	340	45.27	1.75		
36	295	39.21	2.0		
38	275	36.37	2.2		
45	230	30.85	2.6		
50	210	27.85	2.9	EK 57	4
57	184	24.50	3.3	EKA 57	4
61	174	23.14	3.5	EKF 57	4
71	148	19.70	3.9	EKAF57	4
78	134	17.90	4.1		
90	116	15.51	4.6		
104	101	13.50	5.0		
110	95	12.72	4.3		
117	90	12.01	4.6		
137	77	10.22	5.3		
151	70	9.29	5.6		
174	60	8.05	6.0		
200	53	7.00	6.6		
280	38	5.00	8.0		

Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	[i]	[fs]		
<b>1.1kW</b>					
24	430	57.42	0.95		
27	385	51.56	1.05		
32	335	44.41	1.20		
34	315	41.76	1.30		
39	270	35.93	1.50	EK 47	4
44	240	32.11	1.65	EKA 47	4
49	215	28.39	1.90	EKF 47	4
53	200	26.60	2.0	EKAF47	4
60	176	23.50	2.3		
64	164	21.83	2.4		
71	148	19.78	2.7		
46	225	30.12	0.90		
56	188	25.12	1.05		
60	176	23.48	1.10		
69	152	20.29	1.20		
81	129	17.24	1.40		
91	115	15.39	1.50		
106	99	13.15	1.65	EK 37	4
123	85	11.38	1.85	EKA 37	4
142	74	9.83	2.2	EKF 37	4
167	63	8.36	2.6	EKAF37	4
188	56	7.46	2.8		
220	48	6.37	3.1		
235	45	5.97	3.2		
278	38	5.03	3.7		
375	28	3.73	4.5		
<b>1.5kW</b>					
0.21	60100	6734	0.85		
0.23	53300	5980	0.95		
0.26	47700	5346	1.05	EK 187ER97	4
0.29	42900	4807	1.15	EKA187ER97	4
0.32	38900	4361	1.30		
0.38	32500	3644	1.55		
0.46	26900	3018	1.85	EK 187ER97	4
0.56	22500	2521	2.2	EKA187ER97	



Velocidad de salida Output speed	Par de salida Output torque	Ratio Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	[i]	[fs]		
<b>1.5kW</b>					
0.81	15400	1731	0.85		
0.92	13500	1515	0.95		
1.0	12200	1365	1.05		
1.2	10700	1198	1.20		
1.3	9290	1041	1.40	EK 127ER77	4
1.6	7930	889	1.65	EKA 127ER77	4
1.8	6960	780	1.85	EKF 127ER77	4
2.0	6230	698	2.1	EKAF127ER77	4
2.3	5440	610	2.4		
2.5	4910	550	2.6		
2.9	4320	484	3.0		
3.3	3740	419	3.5		
3.3	9340	1047	0.85		
1.6	8020	899	1.00		
1.8	7060	792	1.15		
2.0	6160	691	1.30	EK 107ER77	4
2.2	5590	627	1.45	EKA 107ER77	4
2.7	4620	518	1.75	EKF 107ER77	4
3.1	4070	456	1.95	EKAF107ER77	4
3.5	3610	405	2.2		
3.8	3270	367	2.4		
4.4	2820	316	2.8		
2.4	5150	577	0.85		
2.8	4500	505	0.95		
3.2	3900	437	1.10		
3.6	3460	388	1.25	EK 97ER57	4
4.1	3060	343	1.40	EKA 97ER57	4
4.6	2730	306	1.60	EKF 97ER57	4
5.4	2320	260	1.85	EKAF97ER57	4
6.1	2060	231	2.1		
7.0	1780	200	2.4		
4.3	2930	329	0.90		
4.7	2640	296	1.00	EK 87ER57	4
5.7	2200	247	1.25	EKA 87ER57	4
5.9	2120	238	1.25	EKF 87ER57	4
6.9	1800	202	1.50	EKAF87ER57	4
7.6	1650	185	1.65		
4.6	3090	149.06	2.6	EK 107	8
5.5	2620	126.20	3.1	EKA 107	8
5.9	2420	116.79	3.3	EKF 107	8
6.6	2170	104.67	3.7	EKAF107	8
3.7	3850	185.35	1.10	EK 97	8
4.3	3350	161.31	1.30	EKA 97	8
4.7	3070	147.69	1.40	EKF 97	8
5.3	2710	130.48	1.60	EKAF97	8
5.0	2890	185.35	1.50	EK 97	6
5.7	2510	161.31	1.70	EKA 97	6
6.2	2300	147.69	1.85	EKF 97	6
7.1	2030	130.48	2.1	EKAF97	6
7.6	1900	185.35	2.3	EK 97	4
8.7	1650	161.31	2.6	EKA 97	4
9.5	1510	147.69	2.8	EKF 97	4
11	1330	130.48	3.2	EKAF97	4
6.3	2260	145.23	1.20	EK 87	6
7.4	1950	125.10	1.40	EKA 87	6
8.1	1780	114.17	1.50	EKF 87	6
9.1	1580	101.25	1.70	EKAF87	6
8.2	1760	171.71	1.55		
8.6	1660	162.00	1.65		
9.6	1490	145.23	1.80	EK 87	4
11	1280	125.10	2.1	EKA 87	4
12	1170	114.17	2.3	EKF 87	4
14	1040	101.25	2.6	EKAF87	4
16	870	85.11	3.1		

Velocidad de salida Output speed	Par de salida Output torque	Ratio Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	[i]	[fs]		
<b>1.5kW</b>					
8.7	1650	106.05	0.95	EK 77	6
9.6	1500	96.25	1.05	EKA 77	6
11	1330	85.31	1.15	EKF 77	6
11	1260	80.85	1.25	EKAF77	6
9.5	1510	147.83	1.00		
10	1420	139.13	1.10		
11	1270	124.09	1.20		
13	1090	106.05	1.45		
15	980	96.25	1.55		
16	870	85.31	1.80	EK 77	4
17	830	80.85	1.85	EKA 77	4
20	725	70.76	2.1	EKF 77	4
22	650	63.75	2.4	EKAF77	4
25	570	55.92	2.7		
28	505	49.35	3.1		
32	450	43.75	3.5		
33	430	41.95	3.5		
37	390	38.07	4.0		
15	960	93.38	0.85		
18	810	79.20	1.00		
20	730	71.50	1.10		
22	645	62.91	1.25		
24	610	59.40	1.35		
28	515	50.58	1.60	EK 67	4
30	470	45.96	1.75	EKA 67	4
35	405	39.82	1.95	EKF 67	4
38	380	36.93	2.2	EKAF67	4
45	320	31.33	2.6		
50	290	28.28	2.8		
56	255	24.88	3.1		
60	240	23.49	3.2		
23	635	61.95	0.95		
24	600	58.50	1.00		
28	510	49.81	1.20		
31	465	45.27	1.30		
36	400	39.21	1.50	EK 57	4
38	370	36.37	1.60	EKA 57	4
45	315	30.85	1.90	EKF 57	4
50	285	27.85	2.1	EKAF57	4
57	250	24.50	2.4		
61	235	23.14	2.5		
71	200	19.70	2.9		
34	425	41.76	0.95		
39	370	35.93	1.10		
44	330	32.11	1.20		
49	290	28.39	1.40		
53	270	26.60	1.45		
60	240	23.50	1.65	EK 47	4
64	225	21.83	1.80	EKA 47	4
71	200	19.78	2.0	EKF 47	4
79	182	17.76	2.2	EKAF47	4
92	157	15.30	2.4		
97	147	14.39	2.6		
113	127	12.38	2.8		
122	117	11.48	2.4		
127	113	11.06	3.1		
60	240	23.48	0.80		
69	210	20.29	0.90		
81	176	17.24	1.00		
91	157	15.39	1.10		
106	135	13.15	1.25		
123	116	11.38	1.35		
142	101	9.83	1.60	EK 37	4
167	86	8.36	1.85	EKA 37	4
188	76	7.46	2.0	EKF 37	4
220	65	6.37	2.3	EKAF37	4
235	61	5.97	2.4		
278	51	5.03	2.7		
375	38	3.73	3.3		

Velocidad de salida Output speed	Par de salida Output torque	Ratio Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	[i]	[fs]		
<b>2.2kW</b>					
0.33	56300	4361	0.90	EK 187ER97	4
0.50	36300	2812	1.40	EKJA187ER97	4
0.39	47100	3644	1.05		
0.47	39000	3018	1.30		
0.56	32600	2521	1.55		
0.63	29100	2253	1.70	EK 187ER97	4
0.69	26700	2068	1.85	EKA187ER97	4
0.77	23700	1837	2.1		
0.87	21000	1623	2.4		
0.52	35500	2749	0.90	EK 167ER97	4
0.63	29200	2258	1.10	EKA167ER97	4
0.65	28200	2181	1.15		
0.82	22300	1723	1.45		
1.0	18100	1401	1.75	EK 167ER97	4
1.1	16500	1277	1.95	EKA167ER97	4
1.3	14100	1092	2.3		
0.86	21300	1648	0.85		
1.1	17400	1346	1.05		
1.2	15800	1225	1.15	EK 157ER97	4
1.3	14200	1097	1.25	EKA 157ER97	4
1.5	12100	938	1.50	EKF 157ER97	4
1.7	11000	851	1.65	EKAF157ER97	4
2.1	8570	663	2.1		
2.6	6950	538	1.85		
3.1	6010	465	2.2	EK 127ER87	4
3.5	5310	411	2.4	EK 127ER87	4
3.8	4870	377	2.7	EK 127ER87	4
4.3	4300	333	3.0	EKAF127ER87	4
1.4	13400	1041	0.95		
1.6	11500	889	1.15		
1.8	10100	780	1.30	EK 127ER77	4
2.0	9020	698	1.45	EKA 127ER77	4
2.3	7880	610	1.65	EKF 127ER77	4
2.6	7110	550	1.85	EKAF127ER77	4
2.9	6250	484	2.1		
3.4	5410	419	2.4		
2.3	8100	627	1.00		
2.7	6690	518	1.20		
3.1	5890	456	1.35	EK 107ER77	4
3.5	5230	405	1.55	EKA 107ER77	4
3.9	4740	367	1.70	EKF 107ER77	4
4.5	4080	316	1.95	EKAF107ER77	4
5.1	3600	279	2.2		
5.6	3260	252	2.5		
3.7	5010	388	0.85		
4.1	4430	343	0.95	EK 97ER57	4
4.6	3950	306	1.10	EKA 97ER57	4
5.5	3360	260	1.30	EKF 97ER57	4
6.1	2980	231	1.45	EKAF97ER57	4
7.1	2580	200	1.65		
4.8	4410	149.06	1.80	EK 107	8
5.6	3730	126.20	2.1	EKA 107	8
6.1	3460	116.79	2.3	EKF 107	8
6.8	3100	104.67	2.6	EKAF107	8
5.1	4140	185.35	1.05		
5.8	3610	161.31	1.20	EK 97	6
6.4	3300	147.69	1.30	EKA 97	6
7.2	2920	130.48	1.45	EKF 97	6
8.5	2470	110.69	1.75	EKAF9	



Velocidad de salida Output speed	Par de salida Output torque	Ratio Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	(i)	(fs)		
<b>2.2kW</b>					
44	475	32.11	0.85		
60	350	23.50	1.15		
65	325	21.83	1.25		
72	295	19.78	1.35		
80	265	17.76	1.50	EK 47	4
93	225	15.30	1.70	EKA 47	4
99	215	14.39	1.80	EKF 47	4
115	183	12.38	1.95	EKAF47	4
124	170	11.48	1.65		
128	164	11.06	2.1		
138	152	10.30	1.85		
160	131	8.87	2.1		
168	195	13.15	0.85		
144	145	9.83	1.10		
170	124	8.36	1.30	EK 37	4
190	110	7.46	1.40	EKA 37	4
223	94	6.37	1.60	EKF 37	4
238	88	5.97	1.65	EKAF37	4
282	74	5.03	1.90		
381	55	3.73	2.3		
<b>3kW</b>					
0.50	49600	2812	1.00	EK 187ER97	4
				EKA187ER97	4
				EKF 187ER97	4
				EKAF187ER97	4
0.47	53300	3018	0.95		
0.56	44500	2521	1.10		
0.63	39800	2253	1.25		
0.69	36500	2068	1.35		
0.77	32400	1837	1.55		
0.87	28700	1623	1.75		
1.4	18500	1046	2.7		
0.82	30400	1723	1.05		
1.0	24700	1401	1.30		
1.1	22500	1277	1.40		
1.3	19300	1092	1.65		
1.9	13200	746	2.4		
1.2	21600	1225	0.85		
1.3	19400	1097	0.95		
1.5	16600	938	1.10		
1.7	15000	851	1.20		
2.1	11700	663	1.55		
2.5	10000	567	1.80		
2.8	8900	504	2.0		
2.6	9500	538	1.35		
3.1	8210	465	1.60		
3.5	7260	411	1.80		
3.8	6660	377	1.95		
4.3	5880	333	2.2		
4.8	5190	294	2.5		
5.5	4590	260	2.8		
1.8	13800	780	0.95		
2.0	12300	698	1.05		
2.3	10800	610	1.20		
2.6	9710	550	1.35		
2.9	8540	484	1.50		
3.4	7400	419	1.75		
3.1	8050	456	1.00		
3.5	7150	405	1.10		
3.9	6480	367	1.25		
4.5	5580	316	1.45		
5.1	4930	279	1.60		
5.6	4450	252	1.80		
6.4	3900	221	2.1		
7.3	3440	195	2.3		
8.2	3050	173	2.4		
8.9	2820	160	2.5		
9.8	2560	145	2.8		

Velocidad de salida Output speed	Par de salida Output torque	Ratio Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	(i)	(fs)		
<b>3kW</b>					
5.5	4590	260	0.95	EK 97ER57	4
6.1	4080	231	1.05	EKA 97ER57	4
7.1	3530	200	1.20	EKF 97ER57	4
				EKAF97ER57	4
4.8	6010	149.06	1.35		
5.6	5090	126.20	1.55		
6.1	4710	116.79	1.70		
6.8	4220	104.67	1.90		
7.5	3810	94.50	2.1		
6.4	4450	149.06	1.80		
7.6	3770	126.20	2.1		
8.2	3490	116.79	2.3		
9.2	3120	104.67	2.6		
10	2820	94.50	2.8		
9.5	3010	149.06	2.7		
11	2550	126.20	3.1		
7.4	3890	130.48	1.10		
8.7	3300	110.69	1.30		
9.4	3040	101.92	1.40		
11	2720	91.09	1.60		
7.7	3740	185.35	1.15		
8.8	3250	161.31	1.30		
9.6	2980	147.69	1.45		
11	2630	130.48	1.65		
13	2230	110.69	1.95		
14	2060	101.92	2.1		
16	1840	91.09	2.3		
17	1650	82.01	2.6		
19	1500	74.26	2.9		
22	1330	65.85	3.2		
24	1200	59.54	3.6		
9.8	2930	145.23	0.90		
11	2520	125.10	1.05		
12	2300	114.17	1.15		
14	2040	101.25	1.30		
17	1720	85.11	1.55		
18	1580	78.21	1.70		
20	1400	69.46	1.95		
23	1250	62.10	2.2		
25	1130	55.83	2.4		
29	980	48.46	2.8		
33	880	43.39	3.0		
39	725	36.00	3.4		
15	1940	96.25	0.80		
17	1720	85.31	0.90		
18	1630	80.85	0.95		
20	1430	70.76	1.10		
22	1290	63.75	1.20		
25	1130	55.92	1.35		
29	1000	49.35	1.55		
32	880	43.75	1.75		
34	850	41.95	1.75		
37	770	38.07	2.0		
42	680	33.74	2.3		
44	645	31.98	2.4		
51	565	27.99	2.7		

Velocidad de salida Output speed	Par de salida Output torque	Ratio Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	(i)	(fs)		
<b>3kW</b>					
31	930	45.96	0.90		
36	800	39.82	1.00		
38	745	36.93	1.10		
45	630	31.33	1.30		
50	570	28.28	1.45		
57	500	24.88	1.60		
60	475	23.49	1.65		
71	405	20.00	1.90		
78	365	18.18	2.0		
90	320	15.75	2.2		
104	275	13.71	2.4		
114	250	12.48	2.1		
134	215	10.63	2.3		
147	195	9.66	2.5		
46	620	30.85	0.95		
51	560	27.85	1.05		
58	495	24.50	1.20		
61	465	23.14	1.30		
72	395	19.70	1.45		
79	360	17.90	1.55		
92	315	15.51	1.70		
105	270	13.50	1.85		
112	255	12.72	1.60		
118	240	12.01	1.70		
139	205	10.22	1.95		
153	187	9.29	2.1		
176	162	8.05	2.2		
203	141	7.00	2.4		
284	101	5.00	3.0		
72	400	19.78	1.00		
80	360	17.76	1.10		
93	310	15.30	1.25		
99	290	14.39	1.30		
115	250	12.38	1.45		
124	230	11.48	1.20		
128	225	11.06	1.55		
138	210	10.30	1.35		
160	179	8.87	1.55		
170	168	8.35	1.60		
198	145	7.18	1.75		
221	130	6.42	1.85		
259	111	5.48	2.1		
314	91	4.52	2.2		
144	198	9.83	0.80		
170	169	8.36	0.95		
190	150	7.46	1.05		
223	129	6.37	1.15		
238	120	5.97	1.20		
282	101	5.03	1.40		
381	75	3.73	1.65		
<b>4kW</b>					
1.7	19400	834	2.6		
2.8	12100	519	4.1		
0.57	58600	2521	0.85		
0.64	52400	2253	0.95		
0.70	48100	2068	1.05		
0.78	42700	1837	1.15		
0.89	37700	1623	1.35		
1.4	24300	1046	2.1		
1.5	22000	945	2.3		
1.0	32600	1401	1.00		
1.1	29700	1277	1.10		
1.3	25400	1092	1.25		
1.9	17300	746	1.85		
2.3	14700	632	2.2		

Velocidad de salida Output speed	Par de salida Output torque	Ratio Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	(i)	(fs)		
<b>4kW</b>					
1.7	19800	851	0.90		
2.2	15400	663	1.15		
2.5	13200	567	1.35		
2.9	11700	504	1.55		
3.3	10100	434	1.80		
2.7	12500	538	1.05		
3.1	10800	465	1.20		
3.5	9550	411	1.35		
3.8	8760	377	1.50		
4.3	7740	333	1.70		
4.9	6830	294	1.90		
5.5	6040	260	2.2		
2.4	14200	610	0.90		
2.6	12800	550	1.00		
3.0	11200				



Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	[i]	[f <sub>s</sub> ]		
<b>4kW</b>					
13	3030	114.17	0.90		
14	2690	101.25	1.00		
17	2260	85.11	1.20		
18	2070	78.21	1.30	EK 87	4
21	1840	69.46	1.45	EKA 87	4
23	1650	62.10	1.65	EKF 87	4
26	1480	55.83	1.80	EKAF87	4
30	1290	48.46	2.1		
33	1150	43.39	2.3		
40	950	36.00	2.6		
20	1880	70.76	0.85		
23	1690	63.75	0.90		
26	1480	55.92	1.05		
29	1310	49.35	1.20		
33	1160	43.75	1.35		
34	1110	41.95	1.35	EK 77	4
38	1010	38.07	1.55	EKA 77	4
43	890	33.74	1.75	EKF 77	4
45	850	31.98	1.85	EKAF77	4
51	740	27.99	2.1		
57	670	25.22	2.3		
65	585	22.12	2.6		
74	520	19.52	2.8		
46	830	31.33	1.00		
51	750	28.28	1.10		
58	660	24.88	1.20		
61	625	23.49	1.25		
72	530	20.00	1.45		
79	480	18.18	1.55	EK 67	4
91	420	15.75	1.70	EKA 67	4
105	365	13.71	1.85	EKF 67	4
115	330	12.48	1.60	EKAF67	4
135	280	10.63	1.75		
149	255	9.66	1.85		
172	220	8.37	2.0		
198	193	7.28	2.2		
277	138	5.20	2.5		
59	650	24.50	0.90		
62	615	23.14	1.00		
73	525	19.70	1.10		
80	475	17.90	1.15		
93	410	15.51	1.30	EK 57	4
107	360	13.50	1.40	EKA 57	4
113	335	12.72	1.25	EKF 57	4
120	320	12.01	1.30	EKAF57	4
141	270	10.22	1.50		
155	245	9.29	1.60		
179	215	8.05	1.70		
206	186	7.00	1.85		
288	133	5.00	2.3		
<b>5.5kW</b>					
0.78	58700	1837	0.85		
0.89	51900	1623	0.95		
1.0	44200	1384	1.15		
1.2	38400	1202	1.30	EK 187ER97	4
1.4	33400	1046	1.50	EKA187ER97	4
1.5	30200	945	1.65		
1.9	23600	739	2.1		
2.3	19900	621	2.5		

Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	[i]	[f <sub>s</sub> ]		
<b>5.5kW</b>					
1.3	34900	1092	0.90		
1.5	30000	938	1.05		
1.7	26700	834	1.20		
1.9	23800	746	1.35	EK 167ER97	4
2.3	20200	632	1.60	EKA167ER97	4
2.6	17800	556	1.80		
3.0	15400	481	2.1		
3.4	13500	423	2.4		
2.2	21200	663	0.85		
2.5	18100	567	1.00	EK 157ER97	4
2.9	16100	504	1.10	EKA 157ER97	4
3.3	13900	434	1.30	EKF 157ER97	4
3.8	12100	379	1.50	EKAF157ER97	4
4.3	10800	337	1.65		
3.5	13100	411	1.00		
3.8	12100	377	1.10		
4.3	10600	333	1.20		
4.9	9400	294	1.40	EK 127ER87	4
5.5	8310	260	1.55	EKA 127ER87	4
6.6	7000	219	1.85	EKF 127ER87	4
7.1	6460	202	1.85	EKAF127ER87	4
8.4	5470	171	2.2		
9.5	4830	151	2.5		
6.5	7060	221	1.15		
7.4	6230	195	1.30	EK 107ER77	4
8.3	5530	173	1.30	EKA 107ER77	4
9.0	5110	160	1.40	EKF 107ER77	4
9.9	4640	145	1.55	EKAF107ER77	4
4.8	11000	150.41	1.65	EK 157	8
5.9	8930	122.39	2.0	EKA 157	8
7.2	7310	100.22	2.5	EKF 157	8
7.9	6690	91.65	2.7	EKAF157	8
5.1	10300	141.89	1.25	EK 127	8
5.6	9310	127.66	1.40	EKA 127	8
6.3	8380	114.84	1.55	EKF 127	8
7.7	6830	93.69	1.90	EKAF127	8
6.8	7760	141.89	1.65	EK 127	6
7.5	6980	127.66	1.85	EKA 127	6
8.4	6280	114.84	2.1	EKF 127	6
10	5130	93.69	2.5	EKAF127	6
7.6	6900	126.20	1.15		
8.2	6390	116.79	1.25	EK 107	6
9.2	5730	104.67	1.40	EKA 107	6
10	5170	94.50	1.55	EKF 107	6
11	4700	85.83	1.70	EKAF107	6
9.7	5440	149.06	1.45		
11	4600	126.20	1.75	EK 107	4
12	4260	116.79	1.90	EKA 107	4
14	3820	104.67	2.1	EKF 107	4
15	3450	94.50	2.3	EKAF107	4
17	3130	85.83	2.6		
11	4760	130.48	0.90		
13	4040	110.69	1.05		
14	3720	101.92	1.15		
16	3320	91.09	1.30	EK 97	4
18	2990	82.01	1.45	EKA 97	4
19	2710	74.26	1.60	EKF 97	4
22	2400	65.85	1.80	EKAF97	4
24	2170	59.54	2.0		
29	1840	50.46	2.3		
33	1610	44.08	2.7		

Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	[i]	[f <sub>s</sub> ]		
<b>5.5kW</b>					
17	3100	85.11	0.85		
18	2850	78.21	0.95		
21	2530	69.46	1.05		
23	2260	62.10	1.20	EK 87	4
26	2040	55.83	1.35	EKA 87	4
30	1770	48.46	1.55	EKF 87	4
33	1580	43.39	1.65	EKAF87	4
40	1310	36.00	1.90		
47	1130	30.94	2.4		
52	1000	27.47	2.6		
29	1800	49.35	0.85		
33	1600	43.75	0.95		
43	1230	33.74	1.25		
45	1170	31.98	1.35		
51	1020	27.99	1.50		
57	920	25.22	1.70	EK 77	4
65	810	22.12	1.85	EKA 77	4
74	710	19.52	2.0	EKF 77	4
83	630	17.30	2.2	EKAF77	4
97	540	14.78	2.5		
111	470	12.93	2.1		
127	415	11.34	2.4		
144	365	10.01	2.6		
58	910	24.88	0.90		
61	860	23.49	0.90		
72	730	20.00	1.05		
79	665	18.18	1.10		
91	575	15.75	1.20	EK 67	4
105	500	13.71	1.35	EKA 67	4
115	455	12.48	1.15	EKF 67	4
135	390	10.63	1.30	EKAF67	4
149	350	9.66	1.35		
172	305	8.37	1.45		
198	265	7.28	1.60		
277	190	5.20	1.85		
<b>7.5kW</b>					
1.8	35900	834	1.40		
2.0	31900	728	1.60	EK 187ER107	4
2.4	26700	620	1.85	EKA187ER107	4
1.2	51700	1202	0.95		
1.4	45000	1046	1.10		
1.5	40700	945	1.25		
2.0	31800	739	1.55	EK 187ER97	4
2.4	26700	621	1.85	EKA187ER97	4
2.8	22600	526	2.2		
1.8	35900	834	0.90		
2.0	32100	746	1.00		
2.3	27200	632	1.20		
2.6	23900	556	1.35	EK 167ER97	4
3.0	20700	481	1.55	EKA167ER97	4
3.5	18200	423	1.75		
4.0	15800	368	2.0		
3.4	18700	434	0.95	EK 157ER97	4
3.9	16300	379	1.10	EKA 157ER97	4
4.3	14500	337	1.25	EKF 157ER97	4
5.0	12600	293	1.45	EKAF157ER97	4
4.4	14300	333	0.90		
5.0	12700	294	1.05		
5.6	11200	260	1.15	EK 127ER87	4
6.7	9430	219	1.40	EKA 127ER87	4
7.2	8630	202	1.40	EKF 127ER87	4
8.5	7360	171	1.65	EKAF127ER87	4
9.7	6500	151	1.85		

Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	[i]	[f <sub>s</sub> ]		
<b>7.5kW</b>					
4.4	16400	164.50	1.95	EK 167	8
5.3	13400	134.99	2.4	EKA167	8
5.8	12300	164.50	2.6	EK 167	6
7.1	10100	134.99	3.2	EKA167	6
6.4	11200	150.41	1.60		
7.8	9130	122.39	1.95	EK 157	6
9.6	7480	100.22	2.4	EKA 157	6
10	6840	91.65	2.6	EKF 157	6
12	5950	79.75	3.0	EKAF157	6
6.8	10600	141.89	1.25	EK 127	6
7.5	9520	127.66	1.35	EKA 127	6
8.4	8570	114.84	1.50	EKF 127	6
10	6990	93.69	1.85	EKAF127	6
9.6	7470	152.25	1.75		
10	6960	141.89	1.85		
11	6260	127.66	2.1	EK 127	4
13	5630	114.84	2.3	EKA 127	4
16	4600	93.69	2.8	EKF 127	4
17	4190	85.45	3.1	EKAF127	4
20	3630	73.95	3.6		
9.8	7310	149.06	1.10		
12	6190	126.20	1.30		
13	5730	116.79	1.40		
14	5130	104.67	1.55		
15	4640	94.50	1.75	EK 107	4
17	4210	85.83	1.90	EKA 107	4
19	3740	76.15	2.1	EKF 107	4
21	3390	69.11	2.4	EKAF107	4
25	29				



Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
(r/min)	(Nm)	(i)	(fs)		
<b>11kW</b>					
1.8	52700	834	0.95		
2.0	46000	728	1.10		
2.4	39200	620	1.30	EK 187ER107	4
2.8	32800	519	1.55	EKA187ER107	4
3.2	28600	453	1.75		
4.0	22900	363	2.2		
2.0	46700	739	1.05		
2.4	39200	621	1.25	EK 187ER97	4
2.8	33200	526	1.50	EKA187ER97	4
4.6	20000	316	1.60		
5.3	17500	277	1.85		
5.9	15500	246	2.1	EK 167ER107	4
7.0	13300	210	2.4	EKA167ER107	4
7.1	12900	205	2.5		
2.6	35100	556	0.90		
3.0	30400	481	1.05	EK 167ER97	4
3.5	26700	423	1.20	EKA167ER97	4
4.0	23200	368	1.40		
4.3	21300	337	0.85	EK 157ER97	4
5.0	18500	293	0.95	EKA 157ER97	4
				EKF 157ER97	4
				EKAF157ER97	4
6.7	13800	219	0.95	EK 127ER87	4
7.2	12800	202	0.95	EKA 127ER87	4
8.5	10800	171	1.10	EK 127ER87	4
9.7	9540	151	1.25	EKAF127ER87	4
5.4	19400	134.99	1.65	EK 167	8
6.6	15800	109.83	2.0	EKA167	8
5.8	18000	164.50	1.80	EK 167	6
7.1	14800	134.99	2.2	EKA167	6
8.9	11800	164.50	2.7	EK 167	4
11	9710	134.99	3.3	EKA167	4
6.0	17600	122.39	1.00	EK 157	8
7.3	14400	100.22	1.25	EKA 157	8
8.0	13200	91.65	1.35	EKF 157	8
9.2	11500	79.75	1.55	EKAF157	8
6.4	16500	150.41	1.10		6
7.8	13400	122.39	1.35	EK 157	6
9.6	11000	100.22	1.65	EKA 157	6
10	10000	91.65	1.80	EKF 157	6
12	8730	79.75	2.1	EKAF157	6
9.7	10800	150.41	1.65	EK 157	4
12	8810	122.39	2.0	EKA 157	4
15	7210	100.22	2.5	EKF 157	4
16	6590	91.65	2.7	EKAF157	4
10	10200	141.89	1.25		4
11	9180	127.66	1.40	EK 127	4
13	8260	114.84	1.55	EKA 127	4
16	6740	93.69	1.95	EKF 127	4
17	6150	85.45	2.1	EKAF127	4
20	5320	73.95	2.4		4
13	8400	116.79	0.95		
14	7530	104.67	1.05		
15	6800	94.50	1.20		
17	6170	85.83	1.30	EK 107	4
19	5480	76.15	1.45	EKA 107	4
21	4970	69.11	1.60	EKF 107	4
25	4270	59.40	1.85	EKAF107	4
28	3730	51.85	2.1		
33	3160	43.98	2.3		
38	2770	38.44	2.6		

Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
(r/min)	(Nm)	(i)	(fs)		
<b>11kW</b>					
20	5340	74.26	0.80		
22	4740	65.85	0.90		
25	4280	59.54	1.00		
29	3630	50.46	1.20		
33	3170	44.08	1.35	EK 97	4
36	2900	40.31	1.50	EKA 97	4
41	2590	36.03	1.65	EKF 97	4
45	2330	32.44	1.85	EKAF97	4
50	2110	29.37	2.0		
56	1870	26.05	2.3		
62	1690	23.55	2.5		
34	3120	43.39	0.85		
41	2590	36.00	0.95		
47	2230	30.94	1.20		
53	1980	27.47	1.30		
59	1770	24.56	1.40		
66	1590	22.08	1.45		
76	1380	19.17	1.65	EK 87	4
85	1230	17.16	1.80	EKA 87	4
91	1150	16.00	1.55	EKF 87	4
103	1020	14.24	2.0	EKAF87	4
118	890	12.38	2.2		
131	800	11.16	1.85		
146	720	10.00	2.1		
176	595	8.29	2.3		
202	520	7.21	2.5		
58	1810	25.22	0.85		
66	1590	22.12	0.95		
75	1400	19.52	1.05		
84	1240	17.30	1.10	EK 77	4
99	1060	14.78	1.25	EKA 77	4
113	930	12.93	1.05	EKF 77	4
129	820	11.34	1.20	EKAF77	4
146	720	10.01	1.30		
165	640	8.87	1.40		
193	545	7.58	1.50		
<b>15kW</b>					
2.4	53400	620	0.95		
2.8	44700	519	1.10		
3.2	39000	453	1.30	EK 187ER107	4
4.0	31300	363	1.60	EKA187ER107	4
5.5	23000	267	2.2		
4.6	27200	316	1.15		
5.3	23900	277	1.35		
5.9	21200	246	1.50		
7.0	18100	210	1.75	EK 167ER107	4
7.1	17700	205	1.80	EKA167ER107	4
8.3	15100	175	2.1		
9.1	13900	161	2.3		
6.5	19500	226	0.90		
6.8	18500	215	0.95	EK 157ER107	4
7.8	16000	186	1.10	EKA 157ER107	4
9.4	13400	155	1.35	EKF 157ER107	4
12	10400	121	1.75	EKAF157ER107	4
14	9220	107	1.95		
5.4	26600	179.86	1.90	EK 187	6
5.9	24400	165.21	2.0	EKA187	6
7.2	19900	134.99	1.60	EK 167	6
8.8	16200	109.83	1.95	EKA167	6
8.9	16100	164.50	2.0	EK 167	4
11	13200	134.99	2.4	EKA167	4

Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
(r/min)	(Nm)	(i)	(fs)		
<b>15kW</b>					
7.9	18100	122.39	1.00		6
9.7	14800	100.22	1.20	EK 157	6
11	13500	91.65	1.35	EKA 157	6
12	11800	79.75	1.55	EKF 157	6
14	10400	70.38	1.75	EKAF157	6
9.7	14800	150.41	1.20		4
12	12000	122.39	1.50	EK 157	4
15	9830	100.22	1.85	EKA 157	4
16	8990	91.65	2.0	EKF 157	4
18	7820	79.75	2.3	EKAF157	4
10	13900	141.89	0.95		
11	12500	127.66	1.05		
13	11300	114.84	1.15		
16	9190	93.69	1.40	EK 127	4
17	8380	85.45	1.55	EKA 127	4
20	7250	73.95	1.80	EKF 127	4
22	6400	65.25	2.0	EKAF127	4
26	5530	56.35	2.4		
29	4890	49.84	2.7		
35	4110	41.89	3.2		
15	9270	94.50	0.85		
17	8420	85.83	0.95		
19	7470	76.15	1.05		
21	6780	69.11	1.20		
25	5830	59.40	1.35	EK 107	4
28	5090	51.85	1.55	EKA 107	4
33	4310	43.98	1.70	EKF 107	4
38	3770	38.44	1.90	EKAF107	4
43	3330	33.95	2.2		
45	3190	32.50	2.1		
48	2950	30.12	2.4		
29	4950	50.46	0.85		
33	4320	44.08	1.00		
36	3950	40.31	1.10		
41	3530	36.03	1.20	EK 97	4
45	3180	32.44	1.35	EKA 97	4
50	2880	29.37	1.50	EKF 97	4
56	2560	26.05	1.70	EKAF97	4
62	2310	23.55	1.85		
73	1960	19.96	2.2		
84	1710	17.43	2.5		
100	1430	14.58	3.0		
47	3040	30.94	0.90		
53	2690	27.47	0.95		
59	2410	24.56	1.05		
66	2170	22.08	1.05		
76	1880	19.17	1.20		
85	1680	17.16	1.30	EK 87	4
91	1570	16.00	1.15	EKA 87	4
103	1400	14.24	1.50	EKF 87	4
118	1210	12.38	1.65	EKAF87	4
131	1090	11.16	1.35		
146	980	10.00	1.55		
176	810	8.29	1.70		
202	705	7.21	1.85		
<b>18.5kW</b>					
2.8	54800	519	0.90		
3.2	47800	453	1.05		
4.0	38300	363	1.30	EK 187ER107	4
5.5	28200	267	1.75	EKA187ER107	4
6.7	23300	221	2.1		

Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
(r/min)	(Nm)	(i)	(fs)		
<b>18.5kW</b>					
4.7	33400	316	0.95		
5.3	29200	277	1.10		
6.0	26000	246	1.25		
7.0	22200	210	1.45		
7.2	21600	205	1.50		
8.4	18500	175	1.75	EK 167ER107	4
9.1	17000	161	1.90	EKA167ER107	4
12	12800	121	2.5		
14	11200	106	2.9		
7.9	19600	186	0.90	EK 157ER107	4
9.5	16400	155	1.10	EKA 157ER107	4
12	12800	121	1.40	EKF 157ER107	4
14	11300	107	1.60	EKAF157ER107	4
5.4	32800	179.86	1.55		
5.9	30100	165.21	1.65		
6.7	26300	144.59	1.90	EK 187	6
7.5	23600	129.69	2.1	EKA187	6
8.2	21600	179.86	2.3		
8.9	19900	165.21	2.5		
10	17400	144.59	2.9	EK 187	4
11	15600	129.69	3.2	EKA187	4
11	16200	134.99	1.95		
13	13200	109.83	2.4	EK 167	4
17	10600	87.86	3.0	EKA167	4
9.7	18300	100.22	1.00	EK 157	6
11	16700	91.65	1.10	EKA 157	6
12	14500	79.75	1.25	EKF 157	6
14	12800	70.38	1.40	EKAF157	6
12	14700	122.39	1.20		
15	12000	100.22	1.50		
16	11000	91.65	1.65		
18	9580	79.75	1.90	EK 157	4
21	8460	70.38	2.1	EKA 157	4



Velocidad de salida Output speed	Par de salida Output torque	Ratio Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	(i)	(fs)		
<b>18.5kW</b>					
60	2950	24.56	0.85		
67	2650	22.08	0.85		
77	2300	19.17	1.00		
86	2060	17.16	1.05	EK 87	4
103	1710	14.24	1.25	EKA 87	4
119	1490	12.38	1.35	EKF 87	4
132	1340	11.16	1.10	EKAF87	4
147	1200	10.00	1.25		
177	1000	8.29	1.40		
204	870	7.21	1.50		
<b>22kW</b>					
3.2	56900	453	0.90		
4.0	45600	363	1.10		
5.5	33500	267	1.50		
6.7	27800	221	1.80		
7.4	24900	198	2.0		
8.7	21200	169	2.4		
5.3	34800	277	0.90		
6.0	30900	246	1.05		
7.0	26400	210	1.20		
7.2	25700	205	1.25		
8.4	22000	175	1.45		
9.1	20200	161	1.60		
12	15200	121	2.1		
14	13300	106	2.4		
9.5	19500	155	0.90	EK 157ER107	4
12	15200	121	1.20	EKA 157ER107	4
14	13400	107	1.35	EKF 157ER107	4
				EKAF157ER107	4
5.4	39000	179.86	1.30		
5.9	35800	165.21	1.40		
6.7	31300	144.59	1.60		
7.5	28100	129.69	1.80	EK 187	6
8.6	24400	112.60	2.1	EKA187	6
8.2	25700	179.86	1.95		
8.9	23600	165.21	2.1		
10	20700	144.59	2.4	EK 187	4
11	18500	129.69	2.7	EKA187	4
11	19300	134.99	1.65		
13	15700	109.83	2.0	EK 167	4
17	12600	87.86	2.5	EKA167	4
19	11200	78.14	2.9		
9.7	21700	100.22	0.85		
11	19800	91.65	0.90	EK 157	6
12	17300	79.75	1.05	EKA 157	6
14	15200	70.38	1.20	EKF 157	6
16	13200	61.02	1.35	EKAF157	6
12	17500	122.39	1.05		
15	14300	100.22	1.25		
16	13100	91.65	1.35		
18	11400	79.75	1.60	EK 157	4
21	10100	70.38	1.80	EKA 157	4
24	8720	61.02	2.1	EKF 157	4
27	7760	54.29	2.3	EKAF157	4
32	6580	46.06	2.7		
39	5430	38.02	3.3		

Velocidad de salida Output speed	Par de salida Output torque	Ratio Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	(i)	(fs)		
<b>22kW</b>					
16	13400	93.69	0.95		
17	12200	85.45	1.05		
20	10600	73.95	1.25		
23	9320	65.25	1.40		
26	8050	56.35	1.60	EK 127	4
29	7120	49.84	1.85	EKA 127	4
35	5990	41.89	2.2	EKF 127	4
39	5400	37.77	2.4	EKAF127	4
45	4670	32.69	2.8		
51	4120	28.84	3.2		
59	3560	24.91	3.7		
67	3150	22.03	4.1		
25	8490	59.40	0.95		
28	7410	51.85	1.05		
33	6290	43.98	1.15		
38	5490	38.44	1.30		
43	4850	33.95	1.50		
45	4640	32.50	1.45		
49	4300	30.12	1.65	EK 107	4
54	3910	27.33	1.85	EKA 107	4
63	3360	23.49	2.1	EKF 107	4
72	2930	20.51	2.5	EKAF107	4
85	2490	17.39	2.8		
97	2170	15.20	3.2		
107	1960	13.68	2.2		
123	1710	11.94	2.5		
145	1450	10.13	2.9		
50	4200	29.37	1.00		
56	3720	26.05	1.15		
62	3370	23.55	1.30		
74	2850	19.96	1.50	EK 97	4
84	2490	17.43	1.75	EKA 97	4
101	2080	14.58	2.1	EKF 97	4
116	1800	12.62	2.2	EKAF97	4
130	1610	11.27	1.80		
149	1410	9.84	2.0		
179	1180	8.23	2.3		
77	2740	19.17	0.85		
86	2450	17.16	0.90		
103	2040	14.24	1.05	EK 87	4
119	1770	12.38	1.15	EKA 87	4
132	1590	11.16	1.95	EKF 87	4
147	1430	10.00	1.05	EKAF87	4
177	1180	8.29	1.20		
204	1030	7.21	1.25		
<b>30kW</b>					
5.5	45400	267	1.10		
6.7	37600	221	1.35		
7.5	33700	198	1.50	EK 187ER107	4
8.8	28800	169	1.75	EKA187ER107	4
7.0	35700	210	0.90		
7.2	34900	205	0.90		
8.5	29800	175	1.05	EK 167ER107	4
9.2	27400	161	1.15	EKA167ER107	4
12	20600	121	1.55		
14	18000	106	1.75		
8.2	34800	179.86	1.45		
9.0	32000	165.21	1.55		
10	28000	144.59	1.80		
11	25100	129.69	2.0	EK 187	4
13	21800	112.60	2.3	EKA187	4
14	19800	102.16	2.5		
17	17000	88.00	2.9		

Velocidad de salida Output speed	Par de salida Output torque	Ratio Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	(i)	(fs)		
<b>30kW</b>					
13	21300	109.83	1.50		
17	17000	87.86	1.90		
19	15100	78.14	2.1	EK 167	4
22	13200	68.07	2.4	EKA167	4
24	11800	60.74	2.7		
15	19400	100.22	0.95		
16	17700	91.65	1.00		
19	15400	79.75	1.15		
21	13600	70.38	1.30	EK 157	4
24	11800	61.02	1.50	EKA 157	4
27	10500	54.29	1.70	EKF 157	4
32	8920	46.06	2.0	EKAF157	4
39	7360	38.02	2.4		
47	6060	31.30	3.0		
20	14300	73.95	0.90		
23	12600	65.25	1.05		
26	10900	56.35	1.20		
30	9650	49.84	1.35	EK 127	4
35	8110	41.89	1.60	EKA 127	4
39	7310	37.77	1.80	EKF 127	4
45	6330	32.69	2.1	EKAF127	4
51	5580	28.84	2.3		
59	4820	24.91	2.7		
67	4260	22.03	3.0		
34	8510	43.98	0.85		
39	7440	38.44	0.95		
46	6290	32.50	1.10		
49	5830	30.12	1.25		
54	5290	27.33	1.35		
63	4550	23.49	1.60	EK 107	4
72	3970	20.51	1.80	EKA 107	4
85	3370	17.39	2.1	EKF 107	4
97	2940	15.20	2.3	EKAF107	4
108	2650	13.68	1.60		
124	2310	11.94	1.85		
146	1960	10.13	2.1		
167	1710	8.85	2.4		
57	5040	26.05	0.85		
63	4560	23.55	0.95		
74	3860	19.96	1.10		
85	3370	17.43	1.25	EK 97	4
102	2820	14.58	1.50	EKA 97	4
117	2440	12.62	1.60	EKF 97	4
131	2180	11.27	1.30	EKAF97	4
150	1900	9.84	1.50		
180	1590	8.23	1.65		
208	1380	7.13	1.95		
<b>37kW</b>					
5.5	56000	267	0.90		
6.7	46400	221	1.10		
7.5	41600	198	1.20	EK 187ER107	4
8.8	35500	169	1.40	EKA187ER107	4
8.5	36700	175	0.85		
9.2	33800	161	0.95	EK 167ER107	4
12	25400	121	1.25	EKA167ER107	4
14	22200	106	1.45		
8.2	42900	179.86	1.15		
9.0	39400	165.21	1.25		
10	34500	144.59	1.45		
11	31000	129.69	1.60	EK 187	4
13	26900	112.60	1.85	EKA187	4
14	24400	102.16	2.1		
17	21000	88.00	2.4		

Velocidad de salida Output speed	Par de salida Output torque	Ratio Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	(i)	(fs)		
<b>37kW</b>					
13	26200	109.83	1.20		
17	21000	87.86	1.55		
19	18700	78.14	1.70	EK 167	4
22	16300	68.07	1.95	EKA167	4
24	14500	60.74	2.2		
29	12400	51.77	2.6		
16	21900	91.65	0.80		
19	19000	79.75	0.95		
21	16800	70.38	1.05	EK 157	4
24	14600	61.02	1.25	EKA 157	4
27	13000	54.29	1.40	EKF 157	4
32	11000	46.06	1.65	EKAF157	4
39	9080	38.02	2.0		
47	7470	31.30	2.4		
23	15600	65.25	0.85		
26	13500	56.35	0.95		
30	11900	49.84	1.10		
35	10000	41.89	1.30		
39	9020	37.77	1.45		
45	7880	32.69	1.65	EK 127	4
51	6880	28.84	1.90	EKA 127	4
59	5950	24.91	2.2	EKF 127	4
67	5260	22.03	2.5	EKAF127	4
80	4420	18.52	2.9		
99	3570	14.96	3.4		
116	3050	12.78	2.8		
138	2560	10.74	3.1		
171	2070	8.68	3.5		



Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	[i]	[fs]		
<b>45kW</b>					
13	31900	109.83	1.00		
17	25500	87.86	1.25		
19	22700	78.14	1.40		
22	19800	68.07	1.60	EK 167	4
24	17600	60.74	1.80	EKA167	4
29	15000	51.77	2.1		
35	12500	42.89	2.6		
21	20400	70.38	0.90		
24	17700	61.02	1.00		
27	15800	54.29	1.15		
32	13400	46.06	1.35	EK 157	4
39	11000	38.02	1.65	EKA 157	4
47	9090	31.30	2.0	EKF 157	4
54	8020	27.62	2.2	EKAF157	4
62	6950	23.95	2.6		
69	6190	21.31	2.9		
82	5250	18.08	3.4		
30	14500	49.84	0.90		
35	12200	41.89	1.05		
39	11000	37.77	1.20		
45	9490	32.69	1.35		
51	8370	28.84	1.55	EK 127	4
59	7230	24.91	1.80	EKA 127	4
67	6400	22.03	2.0	EKF 127	4
80	5380	18.52	2.4	EKAF127	4
99	4340	14.96	2.8		
116	3710	12.78	2.3		
138	3120	10.74	2.6		
171	2520	8.68	2.9		
49	8750	30.12	0.80		
54	7940	27.33	0.90		
63	6820	23.49	1.05		
72	5950	20.51	1.20		
85	5050	17.39	1.40	EK 107	4
97	4410	15.20	1.55	EKA 107	4
108	3970	13.68	1.10	EKF 107	4
124	3470	11.94	1.25	EKAF107	4
146	2940	10.13	1.40		
167	2570	8.85	1.60		
198	2170	7.49	1.65		
<b>55kW</b>					
10	51300	144.59	0.95		
11	46000	129.69	1.10		
13	40000	112.60	1.25		
14	36300	102.16	1.40		
17	31200	88.00	1.60	EK 187	4
20	26200	73.96	1.90	EKA187	4
23	22700	64.04	2.2		
17	31200	87.86	1.05		
19	27700	78.14	1.15		
22	24200	68.07	1.30		
24	21600	60.74	1.50		
29	18400	51.77	1.75	EK 167	4
35	15200	42.89	2.1	EKA167	4
40	13000	36.61	2.5		

Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	[i]	[fs]		
<b>55kW</b>					
24	21700	61.02	0.85		
27	19300	54.29	0.95		
32	16300	46.06	1.10		
39	13500	38.02	1.35		
47	11100	31.30	1.60	EK 157	4
54	9800	27.62	1.85	EKA 157	4
62	8500	23.95	2.1	EKF 157	4
69	7560	21.31	2.4	EKAF157	4
82	6420	18.08	2.8		
99	5290	14.92	3.4		
117	4490	12.66	3.8		
35	14900	41.89	0.85		
45	11600	32.69	1.10		
51	10200	28.84	1.25		
59	8840	24.91	1.45	EK 127	4
67	7820	22.03	1.65	EKA 127	4
80	6570	18.52	2.0	EKF 127	4
99	5310	14.96	2.3	EKAF127	4
116	4540	12.78	1.90		
138	3810	10.74	2.1		
171	3080	8.68	2.3		
<b>75kW</b>					
11	62800	129.69	0.80		
13	54500	112.60	0.90		
14	49400	102.16	1.00		
17	42600	88.00	1.15	EK 187	4
20	35800	73.96	1.40	EKA187	4
23	31000	64.04	1.60		
28	25800	53.36	1.95		
33	22000	45.50	2.3		
19	37800	78.14	0.85		
22	32900	68.07	0.95		
24	29400	60.74	1.10		
29	25100	51.77	1.30		
35	20800	42.89	1.55	EK 167	4
40	17700	36.61	1.80	EKA167	4
46	15600	32.25	2.1		
51	13900	28.77	2.3		
60	11900	24.52	2.7		
39	18400	38.02	1.00		
47	15100	31.30	1.20		
54	13400	27.62	1.35	EK 157	4
62	11600	23.95	1.55	EKA 157	4
69	10300	21.31	1.75	EKF 157	4
82	8750	18.08	2.1	EKAF157	4
99	7220	14.92	2.5		
117	6130	12.66	2.8		
45	15800	32.69	0.80		
51	14000	28.84	0.95		
59	12100	24.91	1.10		
67	10700	22.03	1.20	EK 127	4
80	8960	18.52	1.45	EKA 127	4
99	7240	14.96	1.65	EKF 127	4
116	6180	12.78	1.40	EKAF127	4
138	5200	10.74	1.55		
171	4200	8.68	1.70		

Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	[i]	[fs]		
<b>90kW</b>					
15	59100	102.16	0.85		
17	50900	88.00	1.00		
20	42800	73.96	1.15		
23	37100	64.04	1.35	EK 187	4
28	30900	53.36	1.60	EKA187	4
33	26300	45.50	1.90		
35	24600	42.51	2.0		
39	22300	38.57	2.2		
22	39400	68.07	0.80		
24	35200	60.74	0.90		
29	30000	51.77	1.05		
35	24800	42.89	1.30	EK 167	4
41	21200	36.61	1.50	EKA167	4
46	18700	32.25	1.70		
52	16600	28.77	1.90		
61	14200	24.52	2.3		
73	11800	20.32	2.7		
86	10000	17.34	3.2		
39	22000	38.02	0.80		
47	18100	31.30	1.00		
54	16000	27.62	1.15	EK 157	4
62	13900	23.95	1.30	EKA 157	4
70	12300	21.31	1.45	EKF 157	4
82	10500	18.08	1.70	EKAF157	4
100	8630	14.92	2.1		
117	7330	12.66	2.3		
60	14400	24.91	0.90		
67	12700	22.03	1.00		
80	10700	18.52	1.20	EK 127	4
99	8660	14.96	1.40	EKA 127	4
116	7400	12.78	1.15	EKF 127	4
138	6220	10.74	1.30	EKAF127	4
171	5020	8.68	1.45		
<b>110kW</b>					
17	62200	88.00	0.80		
20	52300	73.96	0.95		
23	45300	64.04	1.10		
28	37700	53.36	1.30		
33	32200	45.50	1.55	EK 187	4
35	30100	42.51	1.65	EKA187	4
39	27300	38.57	1.85		
45	23500	33.23	2.1		
53	19700	27.92	2.5		
29	36600	51.77	0.85		
35	30300	42.89	1.05		
41	25900	36.61	1.25		
46	22800	32.25	1.40		
52	20300	28.77	1.55	EK 167	4
61	17300	24.52	1.85	EKA167	4
73	14400	20.32	2.2		
86	12300	17.34	2.6		
62	16900	23.95	1.05		
70	15100	21.31	1.20	EK 157	4
82	12800	18.08	1.40	EKA 157	4
100	10600	14.92	1.70	EKF 157	4
117	8950	12.66	1.90	EKAF157	4

Velocidad de salida Output speed	Par de salida Output torque	Ratio	Factor de Servicio Service Factor	Tipo Type	Polo de Motor Motor Pole
[r/min]	[Nm]	[i]	[fs]		
<b>132kW</b>					
20	62800	73.96	0.80		
23	54400	64.04	0.90		
28	45300	53.36	1.10		
33	38600	45.50	1.30		
35	36100	42.51	1.40		
39	32700	38.57	1.55	EK 187	4
45	28200	33.23	1.75	EKA187	4
53	23700	27.92	2.1		
61	20500	24.18	2.3		
74	17100	20.15	2.6		
86	14600	17.18	2.8		
35	36400	42.89	0.90		
41	31100	36.61	1.05		
46	27400	32.25	1.15		
52	24400	28.77	1.30	EK 167	4
61	20800	24.52	1.55	EKA167	4
73	17200	20.32	1.85		
86	14700	17.34	2.2		
62	20300	23.95	0.90		
70	18100	21.31	1.00	EK 157	4
82	15300	18.08	1.15	EKA 157	4
100	12700	14.92	1.10	EKF 157	4
117	10700	12.66	1.60	EKAF157	4
<b>160kW</b>					
28	54900	53.36	0.90		
33	46800	45.50	1.05		
35	43700	42.51	1.15		
39	39700	38.57	1.25		
45	34200	33.23	1.45	EK 187	4
53	28700	27.92	1.75	EKA187	4
61	24900	24.18	1.90		
74	20700	20.15	2.1		
86	17700	17.18	2.3		
41	37700	36.61	0.85		
46	33200	32.25	0.95		
52	29600	28.77	1.10	EK 167	4
61	25200	24.52	1.25	EKA167	4
73	20900	20.32	1.55		
86	17800	17.34	1.80		
82	18600	18.08	0.95	EK 157	4
100	15400	14.92	1.15	EKA 157	4
117	13000	12.66	1.30	EKF 157	4
117	13000	12.66	1.30	EKAF157	4
<b>200kW</b>					
33	58500	45.50	0.85		
35	54700	42.51	0.90		
39	49600	38.57	1.00		
45	42700	33.23	1.15	EK 187	4
53	35900	27.92	1.40	EKA187	4
61	31100	24.18	1.55		
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Forma de parámetro de selección del modelo de par constante de la serie EK  
Constant torque model selection parameter form of EK Series

Velocidad de salida Output speed [r/min]	Ratio Ratio [i]	Tipo Type	Potencia Power [kW]/[HP]
<b>200Nm</b>			
0.20	6867	EK 37ER17 EKA 37ER17 EKF 37ER17 EKAF37ER17	0.12
0.24	5748		
0.25	5638		
0.29	4824		
0.33	4181		
0.38	3664		
0.43	3233		
0.49	2815		
0.56	2467		
0.64	2177		
0.74	1882		
0.83	1668		
0.94	1474		
1.1	1265		
1.2	1142		
1.4	1001		
1.6	884		
1.8	764		
2.1	675		
2.4	588		
2.7	512		
3.1	454		
3.5	398		
4.0	347		
4.5	306		
5.2	266	EK 37ER17 EKA 37ER17 EKF 37ER17 EKAF37ER17	0.18
5.9	235		
6.7	206		
7.6	182		
8.6	161	EK 37ER17 EKA 37ER17 EKF 37ER17 EKAF37ER17	0.25
10	136		
11	128		
13	111	EK 37ER17 EKA 37ER17 EKF 37ER17 EKAF37ER17	0.37
14	96		
<b>400Nm</b>			
0.14	10192	EK 47ER37 EKA 47ER37 EKF 47ER37 EKAF47ER37	0.12
0.16	8542		
0.18	7741		
0.20	6950		
0.23	6045		
0.27	5212		
0.30	4596		
0.35	3963		
0.40	3460		
0.46	3046		
0.51	2717		
0.59	2368		
0.68	2053		
0.76	1820		
0.86	1610		
0.99	1402		
1.1	1223	EK 47ER37 EKA 47ER37 EKF 47ER37 EKAF47ER37	0.12
1.3	1109		
1.5	930		
1.7	833		
1.9	715		
2.2	640		

Velocidad de salida Output speed [r/min]	Ratio Ratio [i]	Tipo Type	Potencia Power [kW]/[HP]
<b>400Nm</b>			
2.5	553	EK 47ER37 EKA 47ER37 EKF 47ER37 EKAF47ER37	0.18
2.8	494		
3.3	426		
3.7	380		
4.3	325		
4.8	290		
5.4	256		
6.2	225		
7.0	200	EK 47ER37 EKA 47ER37 EKF 47ER37 EKAF47ER37	0.37
8.2	169		
9.0	155		
11	131		
<b>600Nm</b>			
0.11	12398	EK 57ER37 EKA 57ER37 EKF 57ER37 EKAF57ER37	0.12
0.12	11372		
0.15	9335		
0.16	8708		
0.19	7182		
0.22	6375		
0.25	5626		
0.28	4981		
0.32	4308		
0.37	3804		
0.41	3357		
0.47	2976		
0.54	2586		
0.62	2241		
0.69	2007		
0.81	1721		
0.89	1568		
1.0	1373		
1.2	1196		
1.3	1034		
1.5	913		
1.7	821		
2.0	691	EK 57ER37 EKA 57ER37 EKF 57ER37 EKAF57ER37	0.18
2.3	613		
2.6	536		
3.0	470	EK 57ER37 EKA 57ER37 EKF 57ER37 EKAF57ER37	0.25
3.3	419		
3.9	361		
4.4	316	EK 57ER37 EKA 57ER37 EKF 57ER37 EKAF57ER37	0.37
4.9	282		
5.7	246		
6.5	215	EK 57ER37 EKA 57ER37 EKF 57ER37 EKAF57ER37	0.55
7.1	195		
8.2	169		
9.5	147	EK 57ER37 EKA 57ER37 EKF 57ER37 EKAF57ER37	0.75
11	131		
13	112	EK 57ER37 EKA 57ER37 EKF 57ER37 EKAF57ER37	1.1
15	96		

Velocidad de salida Output speed [r/min]	Ratio Ratio [i]	Tipo Type	Potencia Power [kW]/[HP]		
<b>820Nm</b>					
0.12	11794	EK 67ER37 EKA 67ER37 EKF 67ER37 EKAF67ER37	0.12		
0.13	11074				
0.15	9478				
0.17	8285				
0.19	7292				
0.22	6435				
0.24	5713				
0.29	4845				
0.32	4361				
0.37	3741				
0.41	3369				
0.48	2908				
0.54	2568				
0.61	2275				
0.70	1981				
0.80	1747			EK 67ER37 EKA 67ER37 EKF 67ER37 EKAF67ER37	0.12
0.91	1529				
1.0	1326				
1.2	1147				
1.3	1050				
1.5	913				
1.7	801				
2.0	701	EK 67ER37 EKA 67ER37 EKF 67ER37 EKAF67ER37	0.25		
2.2	623				
2.6	544				
2.9	472				
3.3	419	EK 67ER37 EKA 67ER37 EKF 67ER37 EKAF67ER37	0.37		
3.8	362				
4.3	321				
5.0	278	EK 67ER37 EKA 67ER37 EKF 67ER37 EKAF67ER37	0.55		
5.7	246				
6.3	219				
7.4	189	EK 67ER37 EKA 67ER37 EKF 67ER37 EKAF67ER37	0.75		
8.2	169				
<b>1550Nm</b>					
0.09	15345	EK 77ER37 EKA 77ER37 EKF 77ER37 EKAF77ER37	0.12		
0.10	14297				
0.12	11771				
0.14	10249				
0.15	8973				
0.18	7539				
0.21	6625				
0.24	5791				
0.27	5109				
0.31	4508				
0.35	3996				
0.40	3436				
0.48	2903				
0.52	2689				
0.59	2350			EK 77ER37 EKA 77ER37 EKF 77ER37 EKAF77ER37	0.18
0.68	2048				
0.79	1749				
0.93	1501				
0.99	1399				
1.1	1231				
1.3	1072				
1.5	928	EK 77ER37 EKA 77ER37 EKF 77ER37 EKAF77ER37	0.37		
1.7	808				
2.0	707				

Velocidad de salida Output speed [r/min]	Ratio Ratio [i]	Tipo Type	Potencia Power [kW]/[HP]		
<b>1550Nm</b>					
2.2	628	EK 77ER37 EKA 77ER37 EKF 77ER37 EKAF77ER37	0.55		
2.6	545				
2.9	487				
3.2	429				
3.8	369				
4.3	329				
4.8	292	EK 77ER37 EKA 77ER37 EKF 77ER37 EKAF77ER37	0.75		
5.6	250				
6.2	225				
7.0	200				
<b>2700Nm</b>					
0.10	14613	EK 87ER57 EKA 87ER57 EKF 87ER57 EKAF87ER57	0.12		
0.11	13041				
0.12	11818				
0.14	10180				
0.15	9092				
0.18	7777				
0.20	6920				
0.24	5877				
0.27	5146				
0.30	4564				
0.35	4018				
0.38	3660				
0.44	3131				
0.51	2726				
0.58	2401			EK 87ER57 EKA 87ER57 EKF 87ER57 EKAF87ER57	0.18
0.66	2111				
0.76	1838				
0.84	1658				
0.98	1422				
1.1	1232				
1.3	1066				
1.5	946	EK 87ER57 EKA 87ER57 EKF 87ER57 EKAF87ER57	0.37		
1.7	838				
1.9	722				
2.2	633				
2.5	562	EK 87ER57 EKA 87ER57 EKF 87ER57 EKAF87ER57	0.55		
3.0	474				
3.3	428				
3.7	377				
4.3	329				
4.7	296	EK 87ER57 EKA 87ER57 EKF 87ER57 EKAF87ER57	0.75		
5.7	247				
6.0	238				
7.0	202				
<b>4300Nm</b>					
0.08	17920	EK 97ER57 EKA 97ER57 EKF 97ER57 EKAF97ER57	0.12		
0.08	16644				
0.09	15084				
0.11	13127				
0.12	11716				
0.13	10437				
0.15	9152				
0.17	8023				
0.20	6987				
0.23	6076				
0.25	5458				
0.30	4594				
0.34	4079				



Velocidad de salida Output speed [r/min]	Ratio Ratio (i)	Tipo Type	Potencia Power [kW]/4P	
<b>4300Nm</b>				
0.39 0.45 0.50	3553 3122 2790	EK 97ER57 EKA 97ER57 EKAF97ER57	0.25	
0.57 0.64	2457 2162		0.37	
0.74 0.85 0.98 1.1	1869 1631 1425 1254		0.55	
1.3 1.5	1099 958		0.75	
1.6 1.9 2.1	861 748 656		1.1	
2.4 2.8	577 505		1.5	
3.2 3.7 4.1	437 388 343		2.2	
4.6 5.5	306 260		3	
6.2 7.2	231 200		4	
<b>8000Nm</b>				
0.10 0.12	14094 12046		EK 107ER77 EKA 107ER77 EKAF 107ER77	0.12
0.13 0.15 0.16	10688 9502 8437			0.18
0.19 0.23 0.25	7277 6170 5616			0.25
0.27 0.32 0.36	5138 4346 3847			0.37
0.41 0.47 0.53	3354 2984 2625			0.55
0.61 0.71	2290 1946			0.75
0.83 0.92 1.0	1693 1525 1338			1.1
1.2 1.3 1.6	1181 1047 899			1.5
1.8 2.1 2.3	792 691 627	2.2		
2.7 3.1	518 456	3		
3.6 3.9	405 367	4		
4.6 5.2 5.7	316 279 252	5.5		

Velocidad de salida Output speed [r/min]	Ratio Ratio (i)	Tipo Type	Potencia Power [kW]/4P	
<b>13000Nm</b>				
0.08 0.09 0.09 0.11	17917 16117 14813 12341	EK 127ER77 EKA 127ER77 EKAF 127ER77	0.18	
0.13 0.14 0.17	10858 9705 8365		0.25	
0.19 0.21	7347 6609		0.37	
0.24 0.28 0.31	5814 5031 4450		0.55	
0.36 0.42 0.46	3893 3304 3002		0.75	
0.54 0.61	2613 2294		1.1	
0.74 0.81 0.92	1880 1731 1515		1.5	
1.0 1.2 1.4	1365 1198 1041		2.2	
1.6 1.8	889 780		3	
2.1 2.4 2.6	698 610 550		4	
3.0 3.4	484 419		5.5	
2.7 3.1 3.5	538 465 411		5.5	
3.9 4.4	377 333		7.5	
5.0 5.6	294 260		11	
<b>18000Nm</b>				
0.08 0.09 0.09 0.11 0.12 0.14 0.16 0.18 0.20 0.23	17741 15381 14897 13009 11451 10219 8793 7624 6783 5964		EK 157ER97 EKA 157ER97 EKAF 157ER97	0.55
0.28 0.31 0.35 0.40 0.46	5007 4580 3971 3533 3041			1.1
0.54 0.60	2608 2335			1.5

Velocidad de salida Output speed [r/min]	Ratio Ratio (i)	Tipo Type	Potencia Power [kW]/4P	
<b>18000Nm</b>				
0.70 0.79 0.86 1.1	2024 1805 1648 1346	EK 157ER97 EKA 157ER97 EKAF 157ER97	2.2	
1.2 1.3	1225 1097		3	
1.5 1.7	938 851		4	
1.9 2.2 2.5	751 663 567		5.5	
2.9 3.4	504 434		7.5	
3.9 4.3 5.0	379 337 293		11	
3.8 4.5 4.9	384 325 299		11	
5.8 6.5 6.8	251 226 215		15	
<b>32000Nm</b>				
0.07 0.08 0.09 0.11 0.12 0.14	19696 17160 14725 13059 11614 10118		EK 167ER97 EKA 167ER97	0.55
0.16 0.21 0.27	8505 6568 5254			0.75
0.29 0.34	4843 4069			1.1
0.42 0.52	3369 2749			1.5
0.63 0.65	2258 2181			2.2
0.84 1.0	1723 1401			3
1.1 1.3	1277 1092			4
1.6 1.8 2.0	938 834 746			5.5
2.3 2.6	632 556			7.5
3.0 3.5 4.0	481 423 368	11		
4.7	316	15		
5.3 6.0	277 246	18.5		
<b>32000Nm</b>				
0.07 0.08 0.09 0.11 0.12 0.14	19696 17160 14725 13059 11614 10118	EK 167ER97 EKA 167ER97		0.55
0.16 0.21 0.27	8505 6568 5254			0.75
0.29 0.34	4843 4069			1.1
0.42 0.52	3369 2749			1.5
0.63 0.65	2258 2181			2.2
0.84 1.0	1723 1401		3	
1.1 1.3	1277 1092		4	
1.6 1.8 2.0	938 834 746		5.5	
2.3 2.6	632 556		7.5	
3.0 3.5 4.0	481 423 368		11	
4.7	316		15	
5.3 6.0	277 246		18.5	

Velocidad de salida Output speed [r/min]	Ratio Ratio (i)	Tipo Type	Potencia Power [kW]/4P	
<b>32000Nm</b>				
7.0 7.2 8.5	210 205 175	EK 167ER107 EKA 167ER107	30	
9.2	161		37	
12	121		45	
<b>50000Nm</b>				
0.04 0.05 0.06 0.07 0.08	33031 26734 24556 18969 16845	EK 187ER97 EKA 187ER97	0.55	
0.10 0.11	14068 13181		0.75	
0.12 0.13 0.15 0.17	11753 10417 9409 8011		1.1	
0.19 0.21 0.23	7327 6734 5980		1.5	
0.27 0.30 0.33	5346 4807 4361		2.2	
0.39 0.47	3644 3018		3	
0.57 0.64	2521 2253		4	
0.70 0.78 0.89	2068 1837 1623		5.5	
1.1 1.2	1384 1202		7.5	
1.4 1.5	1046 945		11	
2.0 2.4	739 621		15	
2.8	526		18.5	
1.8	834		11	
2.0 2.4	728 620		15	
2.8 3.2	519 453		EK 187ER107 EKA 187ER107	18.5
4.1	363			30
5.5	267			37
6.7 7.5	221 198		45	



Forma de parámetro de selección de modelo del tipo de entrada del eje de la serie EK (n=1400 r/min)

Model selection parameter form of shaft input type of EK series (n=1400 r/min)

Ratio Ratio	Velocidad de salida Output speed	Torsión permisible Permissible Torque	Clasificación de potencia nominal Normal Power Range	Tipo Type	
(i)	[r/min]	[Nm]	[kW]		
106.93	13	200	0.30		AD1
98.31	14	200	0.32		
84.12	17	200	0.38		
72.91	19	200	0.44		
68.15	21	200	0.47		
58.91	24	200	0.54		
50.05	28	200	0.64		
44.69	31	200	0.71		
38.17	37	200	0.83		
35.75	39	200	0.89		
30.12	46	200	1.1		
28.98	48	200	1.1		
25.12	56	200	1.3		
23.48	60	195	1.3		
20.29	69	185	1.5		
17.24	81	180	1.7		
15.39	91	175	1.8		
13.15	106	165	2.0		
11.38	123	160	2.2		
9.83	142	160	2.6		
8.36	168	160	3.1		
7.46	188	155	3.3		
6.37	220	150	3.8		
5.97	235	145	3.9		
5.03	278	140	4.4		
3.73	375	125	5.3		
119.63	12	400	0.53		
110.20	13	400	0.58		
94.68	15	400	0.67		
82.42	17	400	0.77		
77.21	18	400	0.83		
68.22	21	400	0.93		
63.36	22	400	1.0		
57.42	24	400	1.1		
51.56	27	400	1.2		
44.41	32	400	1.4		
41.76	34	400	1.5		
35.93	39	400	1.8		
32.11	44	400	2.0		
28.39	49	400	2.2		
26.60	53	400	2.4		
23.50	60	400	2.7		
21.83	64	400	2.9		
19.78	71	400	3.2		
17.76	79	400	3.6		
15.30	92	380	4.0		
14.39	97	380	4.2		
12.38	113	360	4.6		
11.48	122	280	3.9		
11.06	127	350	5.0		
10.30	136	280	4.3		
8.87	158	280	5.0		
8.35	168	270	5.2		
7.18	195	250	5.5		
6.42	218	240	6.0		
5.48	255	230	6.7		
4.52	310	205	7.2		
147.88	9.5	600	0.65		
126.18	11	600	0.76		
110.33	13	600	0.87		
103.59	14	600	0.92		
91.96	15	600	1.0		
78.00	18	600	1.2		
70.42	20	600	1.4		
61.95	23	600	1.5		
58.50	24	600	1.6		

Ratio Ratio	Velocidad de salida Output speed	Torsión permisible Permissible Torque	Clasificación de potencia nominal Normal Power Range	Tipo Type	
(i)	[r/min]	[Nm]	[kW]		
49.81	28	600	1.9		AD2
45.27	31	600	2.1		
39.21	36	600	2.4		
36.37	38	600	2.6		
30.85	45	600	3.1		
27.85	50	600	3.4		
24.50	57	600	3.9		
23.14	61	600	4.1		
19.70	71	575	4.7		
17.90	78	555	4.9		
15.51	90	535	5.5		
13.50	104	510	6.0		
12.72	110	415	5.2		
12.01	117	415	5.5		
10.22	137	405	6.3		
9.29	151	390	6.7		
8.05	174	365	7.2		
7.00	200	345	7.8		
5.00	280	300	9.6		
150.15	9.3	820	0.87		
128.12	11	820	1.0		
112.03	12	820	1.2		
105.19	13	820	1.2		
93.38	15	820	1.4		
79.20	18	820	1.6		
71.50	20	820	1.8		
62.91	22	820	2.1		
59.40	24	820	2.2		
50.58	28	820	2.6		
45.96	30	820	2.8		
39.82	35	800	3.2		
36.93	38	820	3.5		
31.33	45	820	4.2		
28.28	50	820	4.6		
24.88	56	800	5.1		
23.49	60	780	5.3		
20.00	70	760	6.0		
18.18	77	740	6.5		
15.75	89	700	7.1		
13.71	102	670	7.8		
12.48	112	530	6.8		
10.63	132	500	7.5		
9.66	145	480	7.9		
8.37	167	440	8.4		
7.28	192	420	9.2		
5.20	269	350	10.7		
210.00	6.7	1240	0.94		
194.25	7.2	1160	0.95		
168.31	8.3	1550	1.5		
147.83	9.5	1550	1.7		
139.13	10	1550	1.8		
124.09	11	1550	2.0		
106.05	13	1550	2.3		
96.25	15	1550	2.6		
85.31	16	1550	2.9		
80.85	17	1550	3.1		
70.76	20	1550	3.5		
63.75	22	1550	3.9		
55.92	25	1550	4.4		
49.35	28	1550	5.0		
43.75	32	1550	5.6		
41.95	33	1490	5.7		
38.07	37	1410	5.9		

Ratio Ratio	Velocidad de salida Output speed	Torsión permisible Permissible Torque	Clasificación de potencia nominal Normal Power Range	Tipo Type	
(i)	[r/min]	[Nm]	[kW]		
33.74	41	1550	7.3	EK 77 EKA 77 EKF 77 EKAF77	AD4
31.98	44	1550	7.7		
27.99	50	1550	8.8		
25.22	56	1550	9.8		
22.12	63	1500	10.8		
19.52	72	1450	11.8		
17.30	81	1400	12.9		
14.78	95	1340	14.5		
12.93	108	1000	12.3		
11.34	123	990	13.9		
10.01	140	940	15.0		
8.87	158	890	16.0		
7.58	185	785	16.5		
194.56	7.2	2700	2.2		
171.71	8.2	2700	2.5		
162.00	8.6	2700	2.7		
145.23	9.6	2700	3.0		
125.10	11	2700	3.4		
114.17	12	2700	3.8		
101.25	14	2700	4.2		
85.11	16	2700	5.1		
78.21	18	2700	5.5		
69.46	20	2700	6.2		
62.10	23	2700	6.9		
55.83	25	2700	7.7		
48.46	29	2700	8.9		
43.39	32	2600	9.5		
36.00	39	2500	11.1		
30.94	45	2700	13.9		
27.47	51	2600	15.1		
24.56	57	2500	16.2		
22.08	63	2300	16.6		
19.17	73	2300	19		
17.16	82	2200	20		
16.00	88	1800	17.9		
14.24	98	2100	24		
12.38	113	2000	26		
11.16	125	1500	21		
10.00	140	1500	24		
8.29	169	1400	27		
7.21	194	1300	29		
185.35	7.6	4300	3.7		
161.31	8.7	4300	4.2		
147.69	9.5	4300	4.6		
130.48	11	4300	5.3		
110.69	13	4300	6.2		
101.92	14	4300	6.7		
91.09	15	4300	7.5		
82.01	17	4300	8.4		
74.26	19	4300	9.2		
65.85	21	4300	10.4		
59.54	24	4300	11.5		
50.46	28	4300	13.6		
44.08	32	4300	15.5		
40.31	35	4300	17.0		
36.03	39	4300	19		
32.44	43	4300	21		
29.37	48	4300	23		
26.05	54	4300	26		
23.55	59	4300	29		
19.96	70	4300	34		
17.43	80	4300	39		
14.58	96	4300	47		
12.62	111	3890	49		

Ratio Ratio	Velocidad de salida Output speed	Torsión permisible Permissible Torque	Clasificación de potencia nominal Normal Power Range	Tipo Type	
(i)	[r/min]	[Nm]	[kW]		
11.27	124	2870	41	EK 97	AD6
9.84	142	2660	43	EKA 97	
8.23	170	2660	51	EKF 97	
7.13	196	2660	59	EKAF97	
149.06	9.4	8000	8.6	EK 107 EKA 107 EKF 107 EKAF107	AD4
126.20	11	8000	10.1		
116.79	12	8000	10.9		
104.67	13	8000	12.2		
94.50	15	8000	13.5		
85.83	16	8000	14.9		
76.15	18	8000	16.7		
69.11	20	8000	18.4		
59.40	24	8000	21		
51.85	27	7840	24		
43.98	32	7360	27		
38.44	36	7200	30		
33.95	41	7200	34		
32.50	43	6800	33		
30.12	46	7200	38		
27.33	51	7200	42		
23.49	60	7200	49		
20.51	68	7170	56		
17.39	80	6080	56		
15.20	92	5310	56		
13.68	102	4300	50		
11.94	117	4260	57		
10.13	138	3610	57		
8.85	158	3150	57		
7.49	187	3150	67		
152.25	9.2	13000	13.6	AD4	
141.89	9.9	13000	14.6		
127.66	11	13000	16.2		
114.84	12	13000	18.0	AD5	
93.69	15	13000	22		
85.45	16	13000	24		
73.95	19	13000	28		
65.25	21	13000	32		
56.35	25	13000	37		
49.84	28	13000	42	AD6	
41.89	33	13000	49		
37.77	37	13000	55	AD7	
32.69	43	13000	63	AD8	
28.84	49	13000	72		
24.91	56	13000	83		
22.03	64	13000	94		
18.52	76	13000	112		
14.96	94	12100	129		
12.78	110	8530	106		
10.74	130	8000	119		
8.68	161	7230	133		
150.41	9.3	18000	19		AD5
122.39	11	18000	23		
100.22	14	18000	29		
91.65	15	18000	31		
79.75	18	18000	36	AD6	
70.38	20	18000	41		
61.02	23	18000	47		
54.29	26	18000	53		
46.06	30	18000	62	AD7	
38.02	37	18000	75		



Ratio Ratio	Velocidad de salida Output speed	Torsión permisible Permissible Torque	Clasificación de potencia nominal Nominal Power Rating	Tipo Type
[i]	[r/min]	[Nm]	[kW]	
31.30	45	17700	90	EK 157 EKA 157 EKF 157 EKAF157
27.62	51	16000	92	
23.95	58	18000	120	
21.31	66	18000	135	
18.08	77	18000	159	
14.92	94	18000	192	
12.66	111	17000	214	
164.50	8.5	29500	29	AD5
134.99	10	32000	38	
109.83	13	32000	46	AD7
87.86	16	32000	58	EK 167 EKA167
78.14	18	32000	65	
68.07	21	32000	75	
60.74	23	32000	84	
51.77	27	32000	98	
42.89	33	32000	119	
36.61	38	32000	139	
32.25	43	28100	139	
28.77	49	25100	139	
24.52	57	32000	208	
20.32	69	31000	243	
17.34	81	28100	258	
179.86	7.8	50000	44	AD7
165.21	8.5	50000	48	
144.59	9.7	50000	55	EK 187 EKA187
129.69	11	50000	61	
112.60	12	50000	71	
102.16	14	50000	78	
88.00	16	50000	91	
73.96	19	50000	108	
64.04	22	50000	124	
53.36	26	50000	149	
45.50	31	50000	175	
42.51	33	40000	150	
38.57	36	40000	165	
33.23	42	46400	223	
27.92	50	43300	247	
24.18	58	39100	258	
20.15	69	32600	258	
17.18	81	32000	297	

Ratio Ratio	Velocidad de salida Output speed	Torsión permisible Permissible Torque	Clasificación de potencia nominal Nominal Power Rating	Tipo Type
[i]	[r/min]	[Nm]	[kW]	

### EK37

### EKAB37

### EK..S37

#### AD1

#### AD2

### EKF37

### EKAF37

### EKA37

### EKAT37

C side installation of the anti-rotation arm  
Instalación del lado C del brazo antigiro

D side installation of the anti-rotation arm  
Instalación del lado D del brazo antigiro

### EK..37ER17

Tamaño Motor Motor Size	63
Potencia Power(kw)	0.12 0.18
L1	75
G5	φ140

### EKAZ37

### EK..37

Tamaño Motor Motor Size	63	71	80	90	100
Potencia Power(kw)	0.12 0.18	0.25 0.37	0.55 0.75	1.1 1.5	2.2 3
L2	75	75	88.5	88.5	95.5
G5	φ140	φ160	φ200	φ200	φ250

Los clientes proporcionan el motor ellos mismos y necesitan una brida conectada.  
Customers provide the motor by themselves need connected flange

1. Las carcasas de EKA, EKAF, EKAZ son piezas comunes. Las dimensiones de montaje podrán consultarse.  
1. The housings of EKA, EKAF, EKAZ are common parts. The mounting dimensions may consult each other.

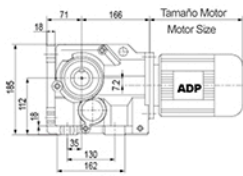
2. "EK.." significa todos los tipos de montaje de la serie EF.  
2. "EK.." mean all mounting type of EF series.

3. Los ejes de salida de EKA, EKAZ, EKAF, EKAT, EKAB son piezas comunes y las dimensiones son las mismas.  
3. The output shafts of EKA, EKAZ, EKAF, EKAT, EKAB are common parts, dimensions are the same.

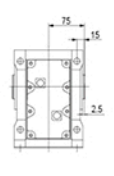
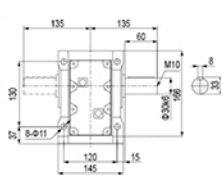
4. Si el motor proporcionado por el comprador es G5 Ø 200, verifique si la instalación normal se ve afectada.  
4. If the motor provided by purchaser is G5 Ø 200, please check if normal installation is influenced.



EK47

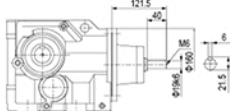


EKAB47

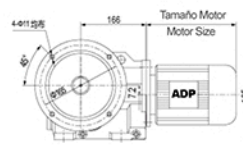


EK..S47

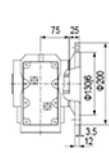
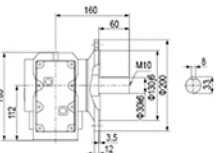
AD2



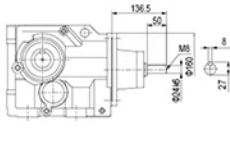
EKF47



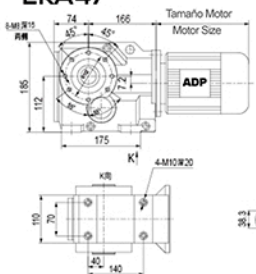
EKAF47



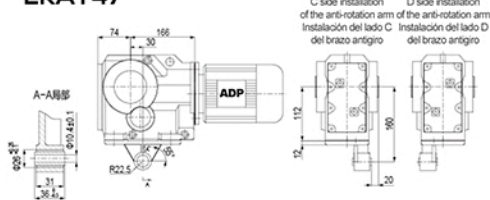
AD3



EKA47



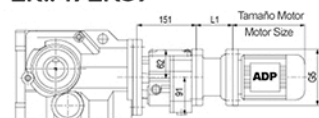
EKAT47



EKAZ47

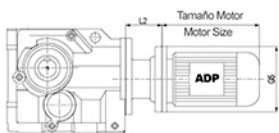


EK..47ER37



Tamaño Motor Motor Size	63
Potencia Power(kw)	0.12 0.18
L1	75
G5	Φ140

EK..47



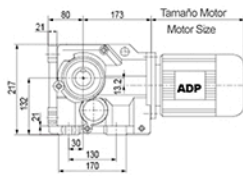
Los clientes proporcionan el motor ellos mismos y necesitan una brida conectada.  
Customers provide the motor by themselves need connected flange

Tamaño Motor Motor Size	63	71	80	90	100
Potencia Power(kw)	0.12 0.18	0.25 0.37	0.55 0.75	1.1 1.5	2.2 3
L2	68	68	81.5	81.5	88.5
G5	Φ140	Φ160	Φ200	Φ200	Φ250

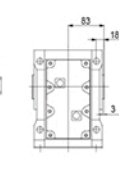
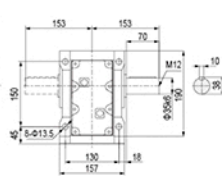
1. Las carcasas de EKA, EKAF, EKAZ son piezas comunes. Las dimensiones de montaje podrán consultarse.  
2. "EK.." significa todos los tipos de montaje de la serie EF.  
3. Los ejes de salida de EKA, EKAZ, EKAF, EKAT, EKAB son piezas comunes y las dimensiones son las mismas.  
4. Si el motor proporcionado por el comprador es G5 Ø 250, verifique si la instalación normal se ve afectada.

1. The housings of EKA, EKAF, EKAZ are common parts. The mounting dimensions may consult each other.  
2. "EK.." mean all mounting type of EF series.  
3. The output shafts of EKA, EKAZ, EKAF, EKAT, EKAB are common parts, dimensions are the same.  
4. If the motor provided by purchaser is G5 Ø 250, please check if normal installation is influenced.

EK57

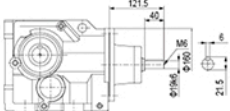


EKAB57

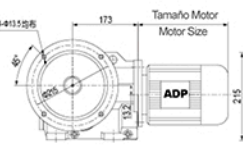


EK..S57

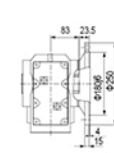
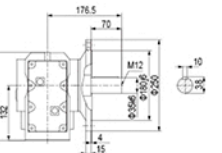
AD2



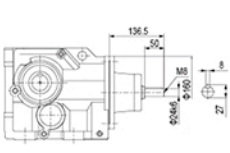
EKF57



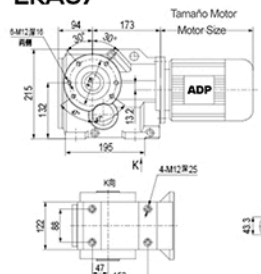
EKAF57



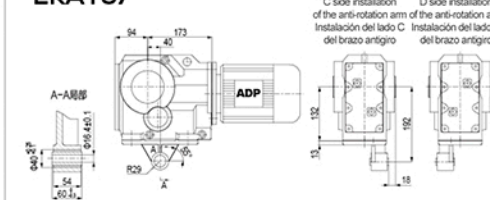
AD3



EKA57



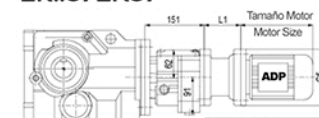
EKAT57



EKAZ57

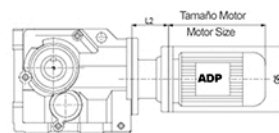


EK..57ER37



Tamaño Motor Motor Size	63	71	80
Potencia Power(kw)	0.12 0.18	0.25 0.37	0.55
L1	75	75	88.5
G5	Φ140	Φ160	Φ200

EK..57



Los clientes proporcionan el motor ellos mismos y necesitan una brida conectada.  
Customers provide the motor by themselves need connected flange

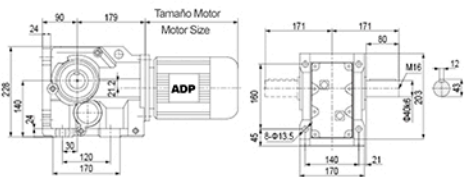
Tamaño Motor Motor Size	63	71	80	90	100	112
Potencia Power(kw)	0.12 0.18	0.25 0.37	0.55 0.75	1.1 1.5	2.2 3	4
L2	68	68	81.5	81.5	88.5	88.5
G5	Φ140	Φ160	Φ200	Φ200	Φ250	Φ250

1. Las carcasas de EKA, EKAF, EKAZ son piezas comunes. Las dimensiones de montaje podrán consultarse.  
2. "EK.." significa todos los tipos de montaje de la serie EF.  
3. Los ejes de salida de EKA, EKAZ, EKAF, EKAT, EKAB son piezas comunes y las dimensiones son las mismas.  
4. Si el motor proporcionado por el comprador es G5 Ø 250, verifique si la instalación normal se ve afectada.

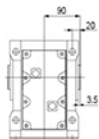
1. The housings of EKA, EKAF, EKAZ are common parts. The mounting dimensions may consult each other.  
2. "EK.." mean all mounting type of EF series.  
3. The output shafts of EKA, EKAZ, EKAF, EKAT, EKAB are common parts, dimensions are the same.  
4. If the motor provided by purchaser is G5 Ø 250, please check if normal installation is influenced.



EK67

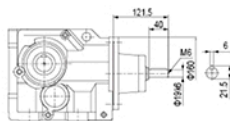


EKAB67

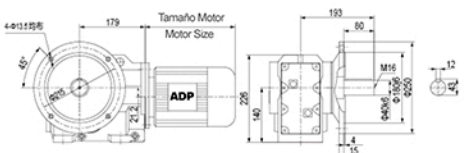


EK..S67

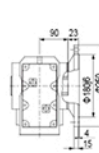
AD2



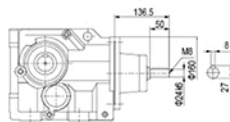
EKF67



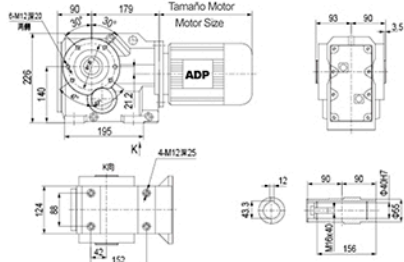
EKAF67



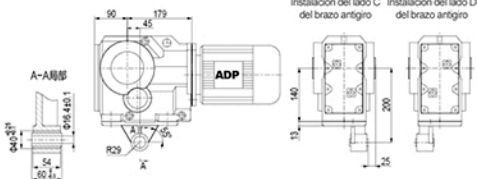
AD3



EKA67

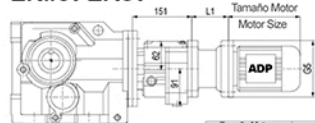


EKAT67



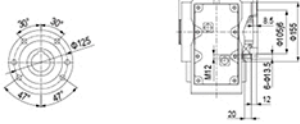
C side installation of the anti-rotation arm of the anti-rotation arm  
Instalación del lado C del brazo antirotor  
D side installation of the anti-rotation arm of the anti-rotation arm  
Instalación del lado D del brazo antirotor

EK..67ER37

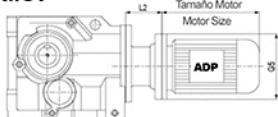


Tamaño Motor Motor Size	63	71	80
Potencia Power(kw)	0.12 0.18	0.25 0.37	0.55
L1	75	75	88.5
G5	Ø140	Ø160	Ø200

EKAZ67



EK..67

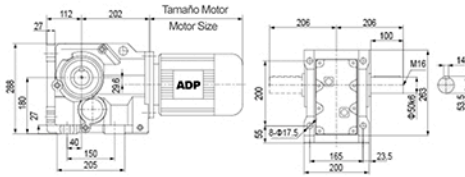


Los clientes proporcionan el motor ellos mismos y necesitan una brida conectada.  
Customers provide the motor by themselves need connected flange

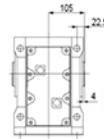
Tamaño Motor Motor Size	63	71	80	90	100	112	132
Potencia Power(kw)	0.18	0.25 0.37	0.55 0.75	1.1 1.5	2.2 3	4	5.5
L2	68	68	81.5	81.5	88.5	88.5	124.5
G5	Ø140	Ø160	Ø200	Ø200	Ø250	Ø250	Ø300

- Note**
- Las carcasas de EKA, EKAF, EKAZ son piezas comunes. Las dimensiones de montaje podrán consultarse.
  - "EK.." significa todos los tipos de montaje de la serie EF.
  - Los ejes de salida de EKA, EKAZ, EKAF, EKAT, EKAB son piezas comunes.4. If the motor provided by purchaser is G5 Ø250, please check if normal installation is influenced.
  - Si el motor proporcionado por el comprador es G5 Ø250, verifique si la instalación normal se ve afectada.
1. The housings of EKA, EKAF, EKAZ are common parts. The mounting dimensions may consult each other.  
2. "EK.." mean all mounting type of EF series.  
3. The output shafts of EKA, EKAZ, EKAF, EKAT, EKAB are common parts, dimensions are the same.  
4. If the motor provided by purchaser is G5 Ø250, please check if normal installation is influenced.

EK77

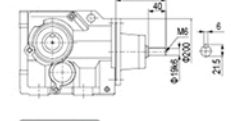


EKAB77

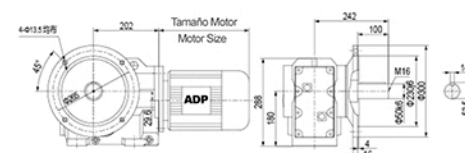


EK..S77

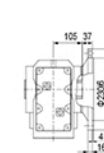
AD2



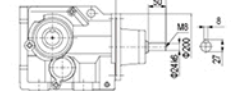
EKF77



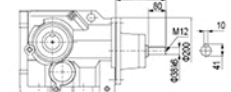
EKAF77



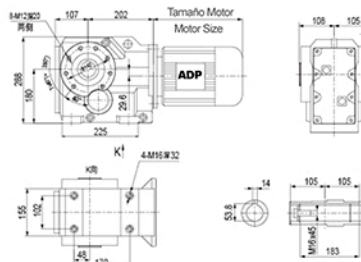
AD3



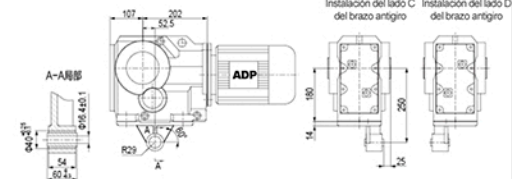
AD4



EKA77

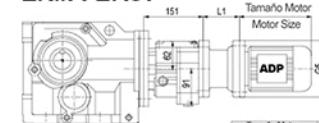


EKAT77



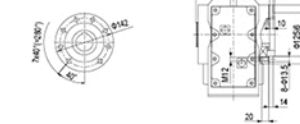
C side installation of the anti-rotation arm of the anti-rotation arm  
Instalación del lado C del brazo antirotor  
D side installation of the anti-rotation arm of the anti-rotation arm  
Instalación del lado D del brazo antirotor

EK..77ER37

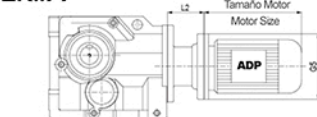


Tamaño Motor Motor Size	63	71	80
Potencia Power(kw)	0.12 0.18	0.25 0.37	0.55 0.75
L1	75	75	88.5
G5	Ø140	Ø160	Ø200

EKAZ77



EK..77



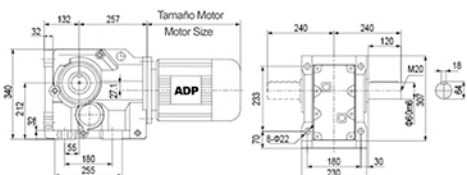
Los clientes proporcionan el motor ellos mismos y necesitan una brida conectada.  
Customers provide the motor by themselves need connected flange

Tamaño Motor Motor Size	71	80	90	100	112	132	160
Potencia Power(kw)	0.37	0.55 0.75	1.1 1.5	2.2 3	4	5.5 7.5	11
L2	60.5	74	74	81	81	117	156
G5	Ø160	Ø200	Ø200	Ø250	Ø250	Ø300	Ø350

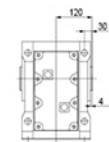
- Note**
- Las carcasas de EKA, EKAF, EKAZ son piezas comunes. Las dimensiones de montaje podrán consultarse.
  - "EK.." significa todos los tipos de montaje de la serie EF.
  - Los ejes de salida de EKA, EKAZ, EKAF, EKAT, EKAB son piezas comunes. The output shafts of EKA, EKAZ, EKAF, EKAT, EKAB are common parts, dimensions are the same, and dimensions are the same.
  - Si el motor proporcionado por el comprador es G5 Ø300, verifique si la instalación normal se ve afectada.
1. The housings of EKA, EKAF, EKAZ are common parts. The mounting dimensions may consult each other.  
2. "EK.." mean all mounting type of EF series.  
3. The output shafts of EKA, EKAZ, EKAF, EKAT, EKAB are common parts, dimensions are the same, and dimensions are the same.  
4. If the motor provided by purchaser is G5 Ø300, please check if normal installation is influenced.



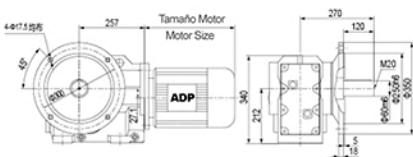
EK87



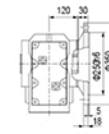
EKAB87



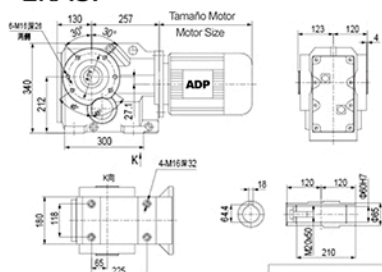
EKF87



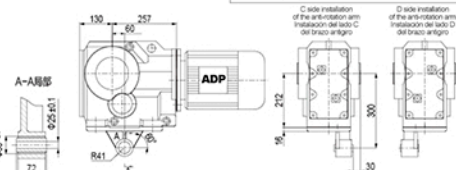
EKAF87



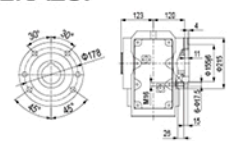
EKA87



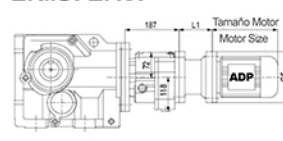
EKAT87



EKAZ87

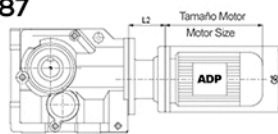


EK..87ER57



Tamaño Motor Motor Size	63	71	80	90
Potencia Power(kw)	0.12 0.18	0.25 0.37	0.55 0.75	1.1 1.5
L1	68	68	81.5	81.5
G5	Φ140	Φ160	Φ200	Φ200

EK..87



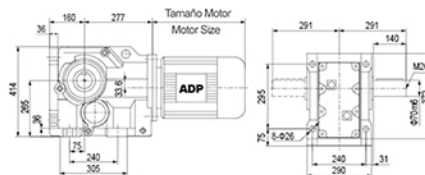
Los clientes proporcionan el motor ellos mismos y necesitan una brida conectada.  
Customers provide the motor by themselves need connected flange

Tamaño Motor Motor Size	80	90	100	112	132	160	180
Potencia Power(kw)	0.75	1.1 1.5	2.2 3	4	5.5 7.5	11 15	18.5 22
L2	72	72	79	79	113	152	152
G5	Φ200	Φ200	Φ250	Φ250	Φ300	Φ350	Φ350

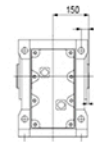
1. Las carcasas de EKA, EKAF, EKAZ son piezas comunes. Las dimensiones de montaje podrán consultarse.
2. "EK.." significa todos los tipos de montaje de la serie EF.
3. Con el tipo de montaje de placa de expansión, consulte P008 para obtener detalles sobre el tamaño de la placa de expansión.
4. Los ejes de salida de EKA, EKAZ, EKAF, EKAT, EKAB son piezas comunes y las dimensiones son las mismas.

1. The housings of EKA, EKAF, EKAZ are common parts. The mounting dimensions may consult each other.
2. "EK.." mean all mounting type of EF series.
3. With expansion plate mounting type, see P008 for size details of expansion plate.
4. The output shafts of EKA, EKAZ, EKAF, EKAT, EKAB are common parts, dimensions are the same.

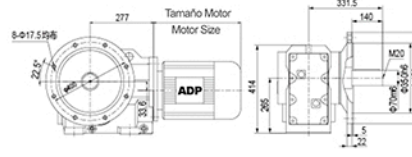
EK97



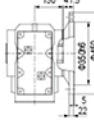
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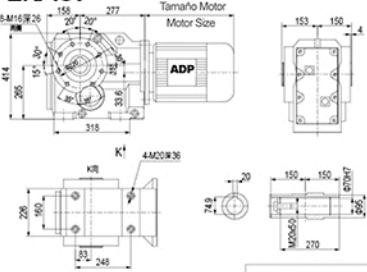
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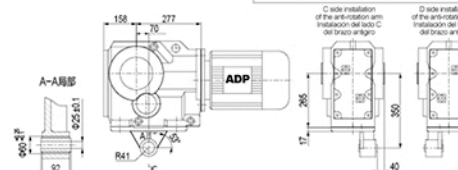
EKAF97



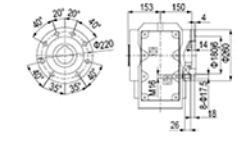
EKA97



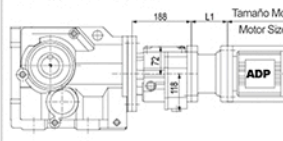
EKAT97



EKAZ97

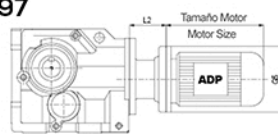


EK..97ER57



Tamaño Motor Motor Size	63	71	80	90	100	112
Potencia Power(kw)	0.120 0.180	0.250 0.370	0.55 0.75	1.1 1.5	2.2 3	4
L1	68	68	81.5	81.5	88.5	88.5
G5	Φ140	Φ160	Φ200	Φ200	Φ250	Φ250

EK..97



Los clientes proporcionan el motor ellos mismos y necesitan una brida conectada.  
Customers provide the motor by themselves need connected flange

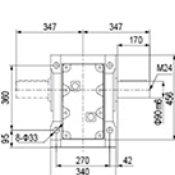
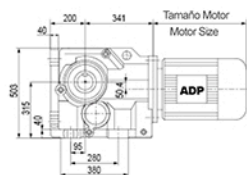
Tamaño Motor Motor Size	90	100	112	132	160	180	200
Potencia Power(kw)	1.1 1.5	2.2 3	4	5.5 7.5	11 15	18.5 22	30
L2	66	73	73	99	138	138	146
G5	Φ200	Φ250	Φ250	Φ300	Φ350	Φ350	Φ400

1. Las carcasas de EKA, EKAF, EKAZ son piezas comunes. Las dimensiones de montaje podrán consultarse.
2. "EK.." significa todos los tipos de montaje de la serie EF.
3. Con el tipo de montaje de placa de expansión, consulte P008 para obtener detalles sobre el tamaño de la placa de expansión.
4. Los ejes de salida de EKA, EKAZ, EKAF, EKAT, EKAB son piezas comunes y las dimensiones son las mismas.

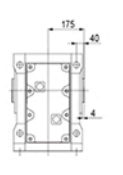
1. The housings of EKA, EKAF, EKAZ are common parts. The mounting dimensions may consult each other.
2. "EK.." mean all mounting type of EF series.
3. With expansion plate mounting type, see P008 for size details of expansion plate.
4. The output shafts of EKA, EKAZ, EKAF, EKAT, EKAB are common parts, dimensions are the same.



EK107

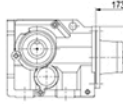


EKAB107

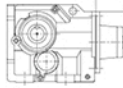


EK..S107

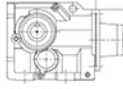
AD4



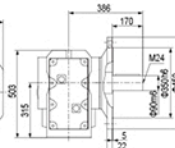
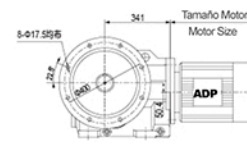
AD5



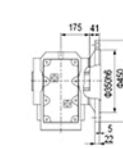
AD6



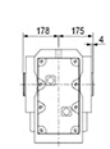
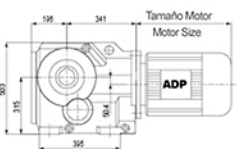
EKF107



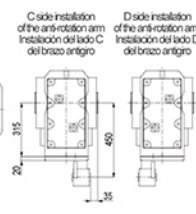
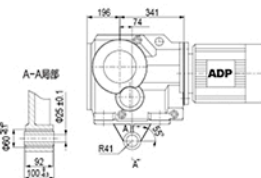
EKAF107



EKA107



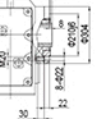
EKAT107



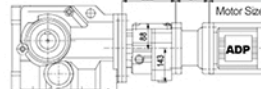
C side installation of the anti-rotation arm  
Instalación del brazo antirrotación del lado C

D side installation of the anti-rotation arm  
Instalación del brazo antirrotación del lado D

EKAZ107

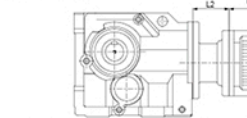


EK..107ER77



Tamaño Motor Motor Size	63	71	80	90	100	112	132
Potencia Power(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1
L1	60.5	60.5	74	74	81	81	117
G5	Φ140	Φ160	Φ200	Φ200	Φ250	Φ250	Φ300

EK..107



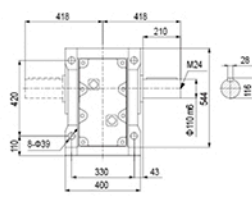
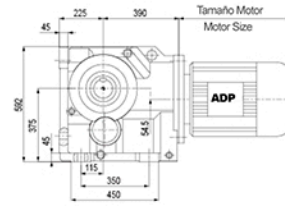
Los clientes proporcionan el motor ellos mismos y necesitan una brida conectada.  
Customers provide the motor by themselves need connected flange

Tamaño Motor Motor Size	100	112	132	160	180	200	225
Potencia Power(kw)	3	4	5.5	7.5	11	15	18.5
L2	65	65	87	126	126	134	177
G5	Φ250	Φ250	Φ300	Φ350	Φ350	Φ400	Φ450

1. Las carcasas de EKA, EKAF, EKAZ son piezas comunes. Las dimensiones de montaje podrán consultarse.  
2. "EK.." significa todos los tipos de montaje de la serie EF.  
3. Con el tipo de montaje de placa de expansión, consulte P008 para obtener detalles sobre el tamaño de la placa de expansión.  
4. Los ejes de salida de EKA, EKAZ, EKAF, EKAT, EKAB son piezas comunes y las dimensiones son las mismas.

1. The housings of EKA, EKAF, EKAZ are common parts. The mounting dimensions may consult each other.  
2. "EK.." mean all mounting type of EF series.  
3. With expansion plate mounting type, see P008 for size details of expansion plate.  
4. The output shafts of EKA, EKAZ, EKAF, EKAT, EKAB are common parts, dimensions are the same.

EK127

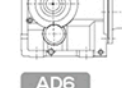


EK..S127

AD4



AD5



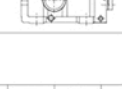
AD6



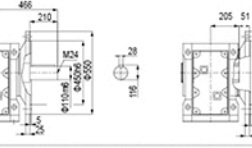
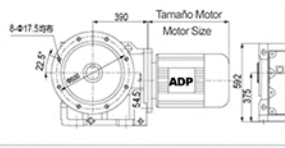
AD7



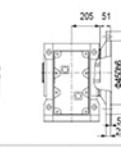
AD8



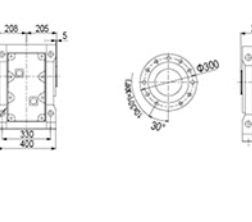
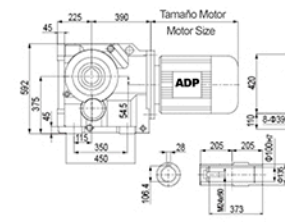
EKF127



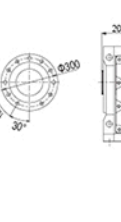
EKAF127



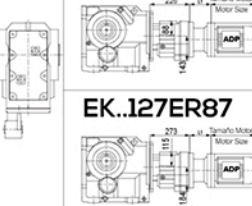
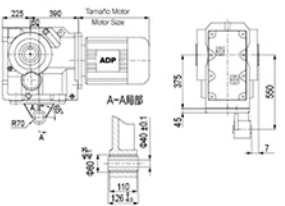
EKA(EKAB)127



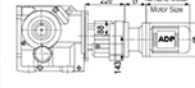
EKAZ127



EKAT127

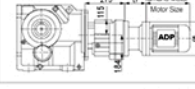


EK..127ER77



Tamaño Motor Motor Size	63	71	80	90	100	112
Potencia Power(kw)	0.12	0.18	0.25	0.37	0.55	0.75
L1	60.5	60.5	74	74	81	81
G5	Φ140	Φ160	Φ200	Φ200	Φ250	Φ250

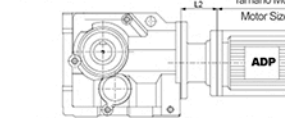
EK..127ER87



Tamaño Motor Motor Size	90	100	112	132	160
Potencia Power(kw)	1.5	2.2	3	4	5.5
L1	72	79	79	113	152
G5	Φ200	Φ250	Φ250	Φ300	Φ350

Los clientes proporcionan el motor ellos mismos y necesitan una brida conectada.  
Customers provide the motor by themselves need connected flange

EK..127



Tamaño Motor Motor Size	132	160	180	200	225	250	280
Potencia Power(kw)	7.5	11	15	18.5	22	30	37
L2	77	116	116	124	167	192	192
G5	Φ300	Φ350	Φ350	Φ400	Φ450	Φ550	Φ550

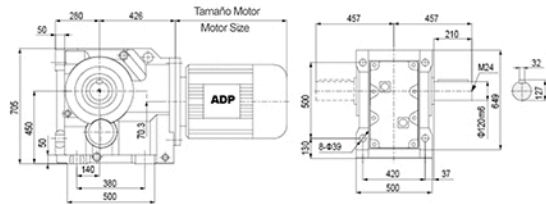
1. Las carcasas de EKA, EKAF, EKAZ son piezas comunes. Las dimensiones de montaje podrán consultarse.  
2. "EK.." significa todos los tipos de montaje de la serie EF.  
3. Con el tipo de montaje de placa de expansión, consulte P008 para obtener detalles sobre el tamaño de la placa de expansión.  
4. Los ejes de salida de EKA, EKAZ, EKAF, EKAT, EKAB son piezas comunes y las dimensiones son las mismas.

1. The housings of EKA, EKAF, EKAZ are common parts. The mounting dimensions may consult each other.  
2. "EK.." mean all mounting type of EF series.  
3. With expansion plate mounting type, see P008 for size details of expansion plate.  
4. The output shafts of EKA, EKAZ, EKAF, EKAT, EKAB are common parts, dimensions are the same.

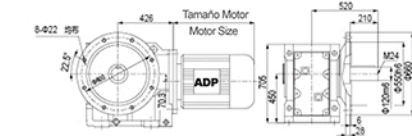




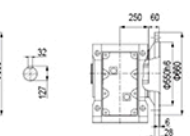
EK157



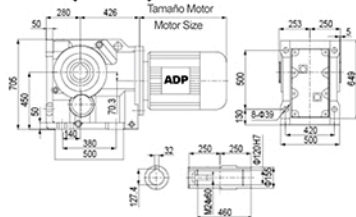
EKF157



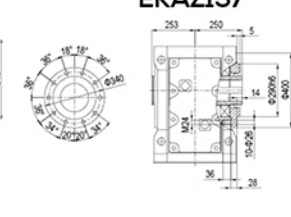
EKAF157



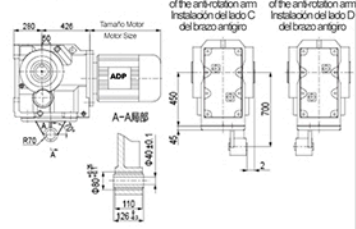
EKA(EKAB)157



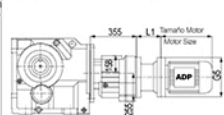
EKAZ157



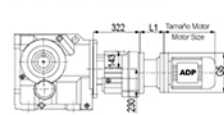
EKAT157



EK..157ER107

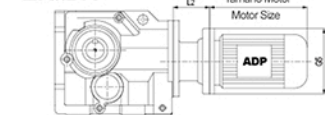


EK..157ER97



Tamaño Motor Motor Size	160	180	Tamaño Motor Motor Size	80	90	100	112	132	160
Potencia Power(kw)	15	18.5	22	0.55	0.75	1.1	1.5	2.2	3
L1	126	126		66	66	73	73	99	138
G5	Φ350	Φ350		G5	Φ200	Φ200	Φ250	Φ250	Φ300

EK..157



Los clientes proporcionan el motor ellos mismos y necesitan una brida conectada.  
Customers provide the motor by themselves need connected flange

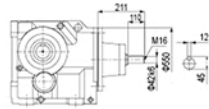
Tamaño Motor Motor Size	160	180	200	225	250	280	315
Potencia Power(kw)	11	15	18.5	22	30	37	45
L2	112	112	120	163	183	183	196
G5	Φ350	Φ350	Φ400	Φ450	Φ550	Φ550	Φ660

1. Las carcasas de EKA, EKAF, EKAZ son piezas comunes. Las dimensiones de montaje podrán consultarse.  
2. "EK.." significa todos los tipos de montaje de la serie EF.  
3. Con el tipo de montaje de placa de expansión, consulte P008 para obtener detalles sobre el tamaño de la placa de expansión.  
4. Los ejes de salida de EKA, EKAF, EKAF, EKAT, EKAB son piezas comunes y las dimensiones son las mismas.

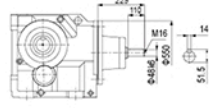
1. The housings of EKA, EKAF, EKAZ are common parts. The mounting dimensions may consult each other.  
2. "EK.." mean all mounting type of EF series.  
3. With expansion plate mounting type, see P008 for size details of expansion plate.  
4. The output shafts of EKA, EKAF, EKAF, EKAT, EKAB are common parts, dimensions are the same.

EK..S157

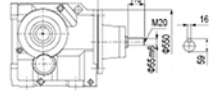
AD5



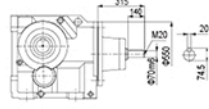
AD6



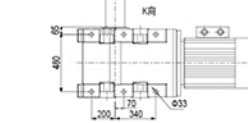
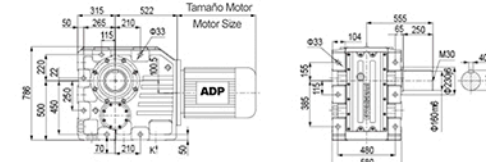
AD7



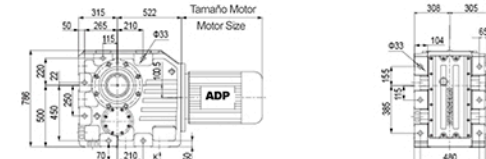
AD8



EK167



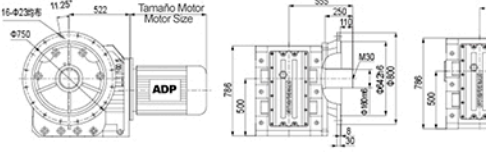
EKA167



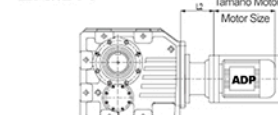
EKF167



EKAF167



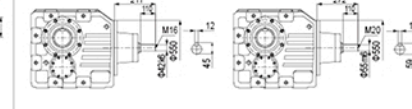
EK..167



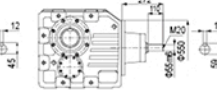
1. Las carcasas de EKA, EKAF, EKAZ son piezas comunes. Las dimensiones de montaje podrán consultarse.  
2. "EK.." significa todos los tipos de montaje de la serie EF.  
3. Con el tipo de montaje de placa de expansión, consulte P008 para obtener detalles sobre el tamaño de la placa de expansión.  
4. Los ejes de salida de EKA, EKAF, EKAF, EKAT, EKAB son piezas comunes y las dimensiones son las mismas.

EK..S167

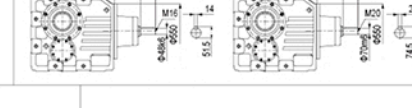
AD5



AD7



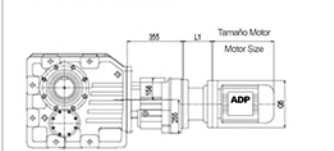
AD6



AD8

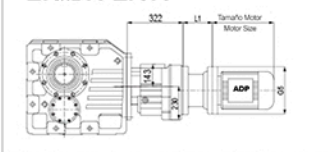


EK..167ER107



Tamaño Motor Motor Size	160	180	200	225
Potencia Power(kw)	11	15	18.5	22
L1	126	126	134	177
G5	Φ350	Φ350	Φ400	Φ450

EK..167ER97



Tamaño Motor Motor Size	80	90	100	112	132	160
Potencia Power(kw)	0.55	0.75	1.1	1.5	2.2	3
L1	66	66	73	73	99	138
G5	Φ200	Φ200	Φ250	Φ250	Φ300	Φ350

Los clientes proporcionan el motor ellos mismos y necesitan una brida conectada.  
Customers provide the motor by themselves need connected flange

Tamaño Motor Motor Size	160	180	200	225	250	280	315
Potencia Power(kw)	11	15	18.5	22	30	37	45
L2	112	112	120	163	183	183	196
G5	Φ350	Φ350	Φ400	Φ450	Φ550	Φ550	Φ660

1. The housings of EKA, EKAF, EKAZ are common parts. The mounting dimensions may consult each other.  
2. "EK.." mean all mounting type of EF series.  
3. With expansion plate mounting type, see P008 for size details of expansion plate.  
4. The output shafts of EKA, EKAF, EKAF, EKAT, EKAB are common parts, dimensions are the same.



# EF Series

Reductor de Engranaje Helicoidal de Eje Paralelo  
Parallel Shaft Helical Gear Motor

