14. REDUCTORES Y MOTORREDUCTORES
SINFIN CORONA " SERIE 2000 "

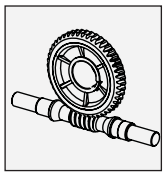
Los motorreductores tipo sinfín corona (línea SB) de Industrias Ramfé son equipos de construcción mecánica simple, diseñados para ofrecer alta relación de reducción en una sola etapa y bajo nivel de ruido.

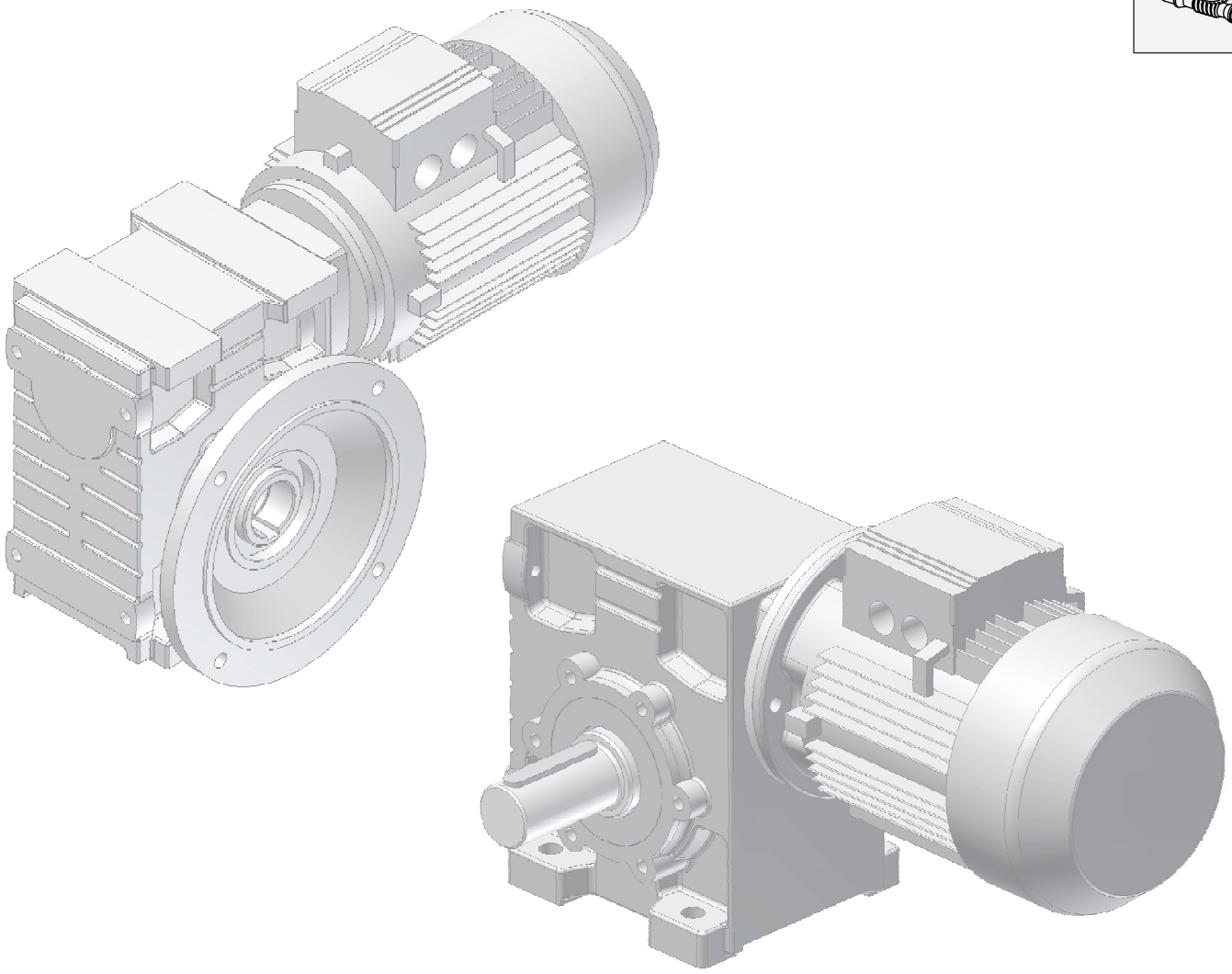
Se dispone de 7 tamaños, alcanzando pares de torsión de 1600 Nm. La gran variedad de posiciones de montaje y de fijación, lo convierte en un equipo apto para las múltiples aplicaciones de la industria.

FORMAS CONSTRUCTIVAS:

Los equipos de la línea SB se ofrecen en las siguientes versiones:

- Eje de salida macizo
- Eje hueco
- Eje estriado
- Brida de salida tipo B14
- Patas
- Brazo de par
- Disco de apriete o buje de fijación





14.1 DESIGNACION DE LOS REDUCTORES Y MOTORREDUCTORES SINFIN CORONA " SERIE 2000 "

2	4	04	A	3	B0G	A17	A	1
1	2	3,4	5,6	7,8	10	11	12	13

SERIE 2000

Posición de caja de bornes del motor
Ver página **I2**

Tipo de Eje
A - Eje solido lado L.
C - Eje solido lado R.
D - Eje solido doble.
G - Eje hueco.
I - Eje solido lado L, DIN 5480.
Ver páginas de dimensiones

Entrada (Motorreductor, reductor, caja reductora, etc)
Se indica en las paginas de selección

Código relación de transmisión
Se indica en las paginas de selección

Posición de montaje, páginas **I3** y **I4**

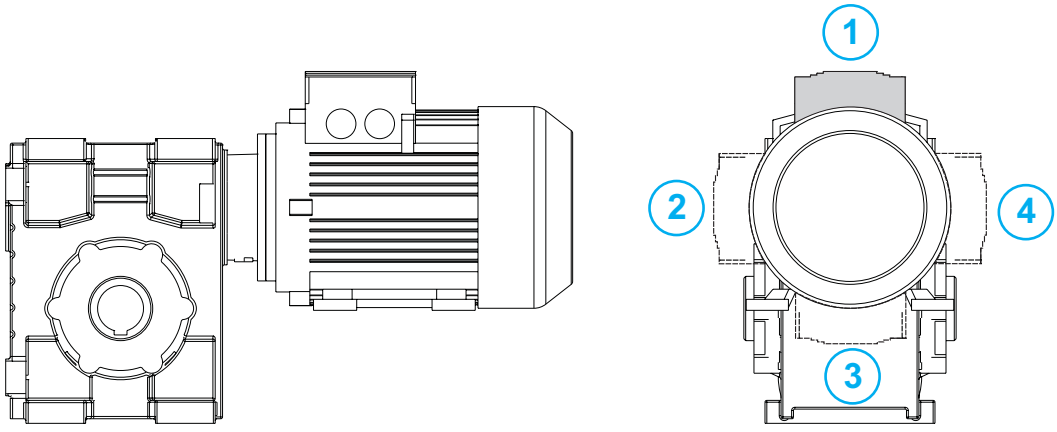
Forma constructiva
A - Anclaje tipo patas
B - Anclaje tipo brida diámetro mayor, lado L
D - Anclaje tipo B14, lado L
E - Brazo de torque, lado L
G - Anclaje tipo patas
H - Anclaje tipo brida diámetro mayor, lado R
K - Anclaje tipo B14, lado R
L - Brazo de torque, lado R
Se indica en las paginas de dimensiones y en páginas **I3** y **I4**

Tamaño del equipo
Se indica en las paginas de selección

Tipo de equipo - **SB**

14.2 POSICION DE CAJA DE BORNES DEL MOTOR

2	4	04	A	3	B00	A17	A	1
1	2	3,4	5,6	7,8	10	11	12	13

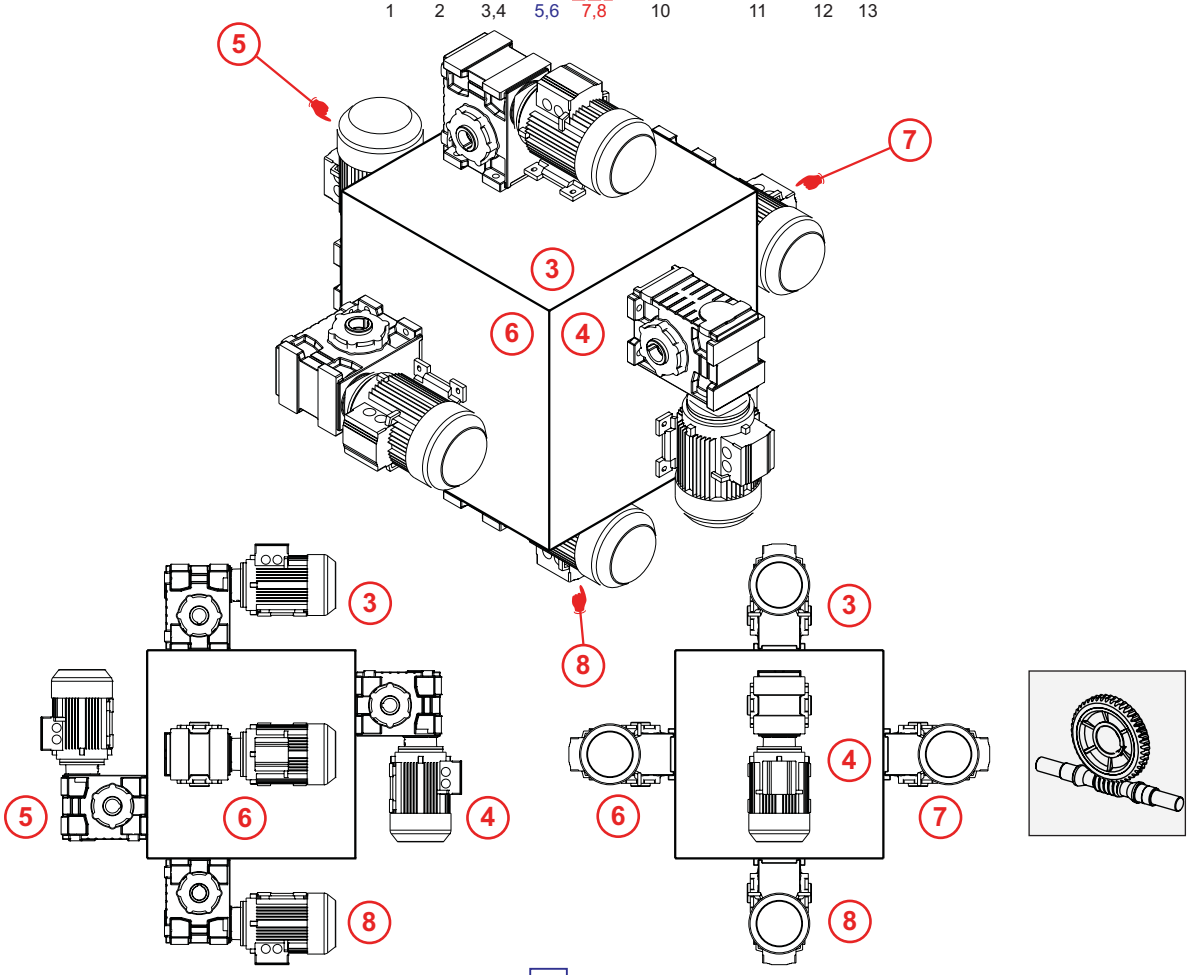


14.3 POSICION DE MONTAJE REDUCTORES Y MOTORREDUCTORES SB

Designación del Equipo :

2	4	04	A	3	B00	A17	A	1
1	2	3,4	5,6	7,8	10	11	12	13

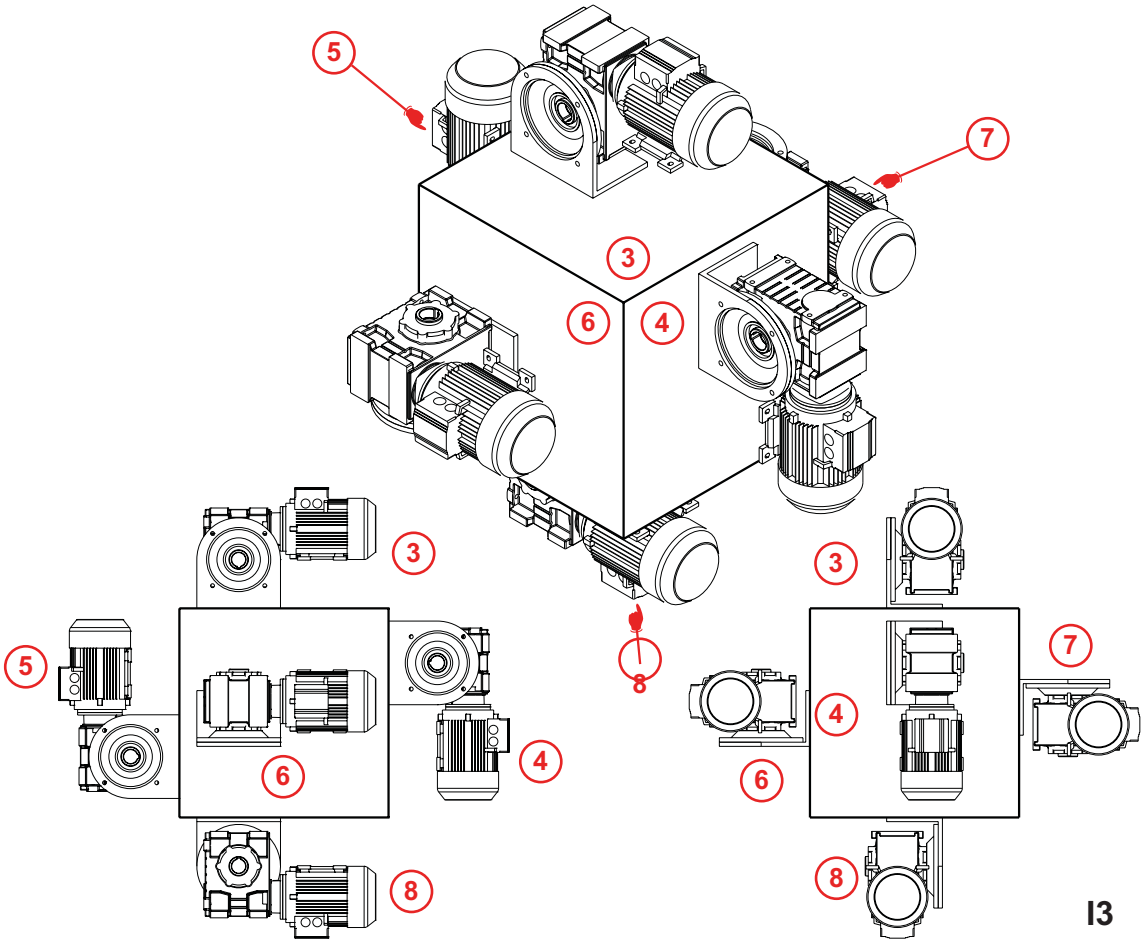
FORMA CONSTRUCTIVA
A - Anclaje tipo patas



Designación del Equipo :

2	4	04	D B	3	B00	A17	A	1
1	2	3,4	5,6	7,8	10	11	12	13

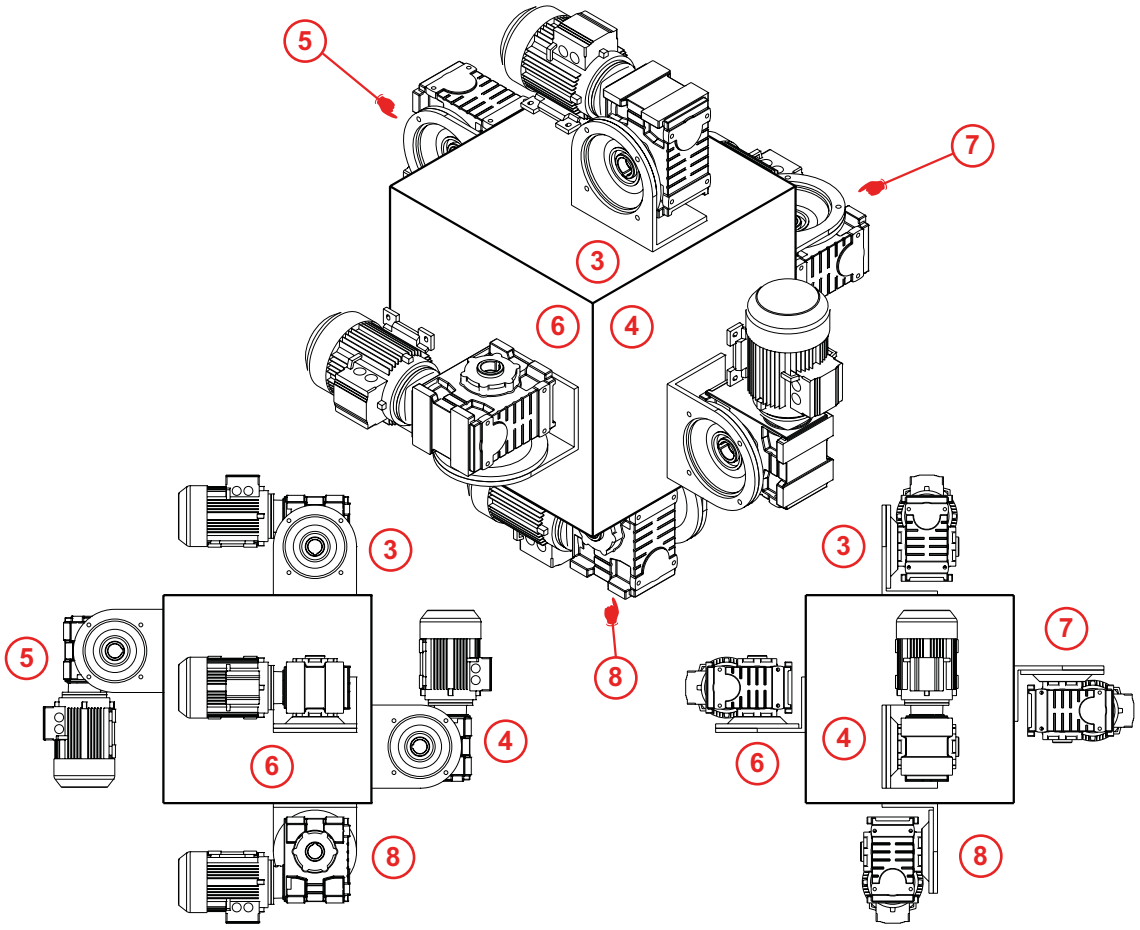
FORMA CONSTRUCTIVA
B - Montaje tipo brida lado **L**
D - Montaje tipo B14 lado **L**



Designación del Equipo :

2	4	04	K H	3	B00	A17	A	1
1	2	3,4	5,6	7,8	10	11	12	13

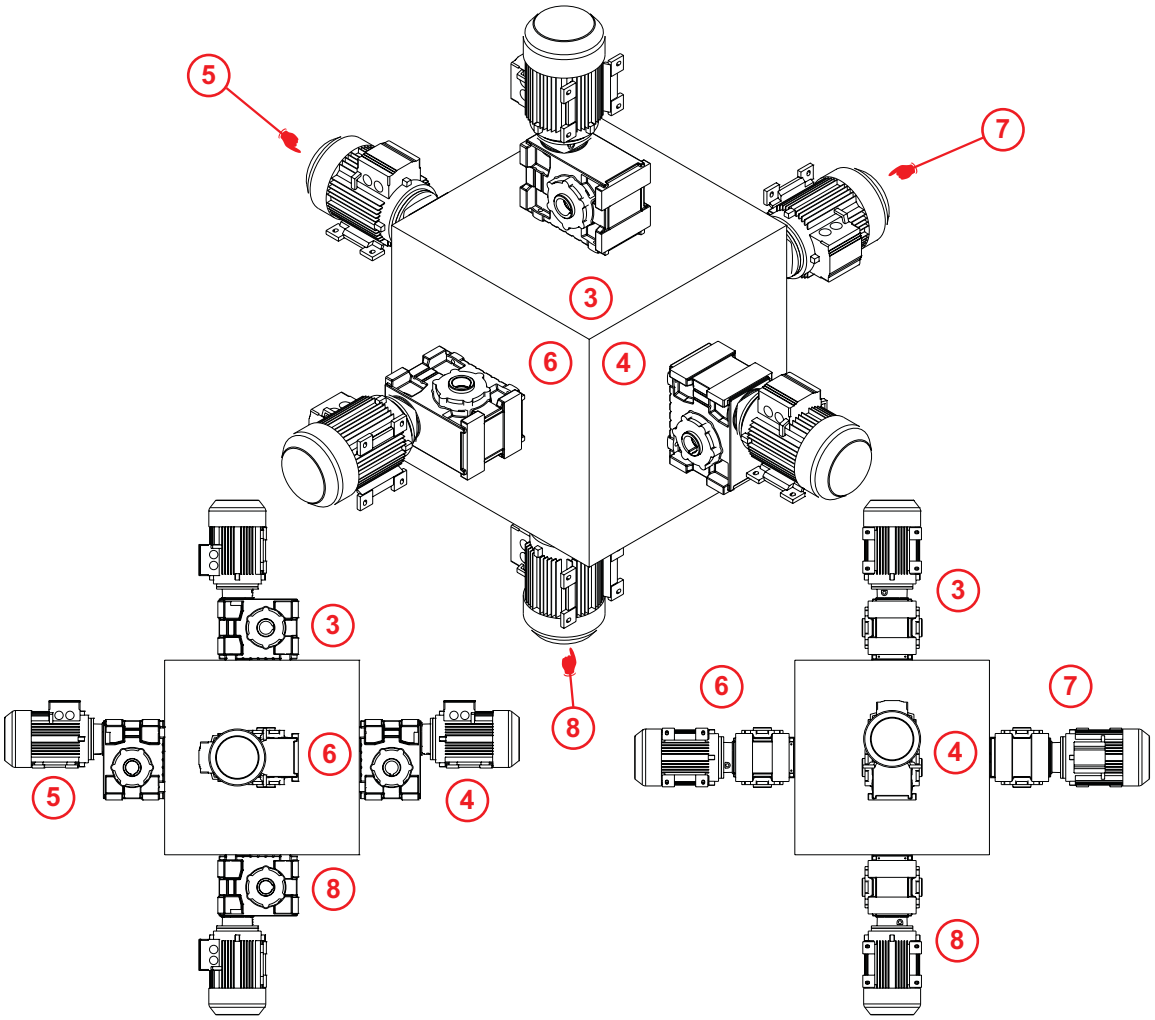
FORMA CONSTRUCTIVA
H - Montaje tipo brida lado **R**
K - Montaje tipo B14 lado **R**



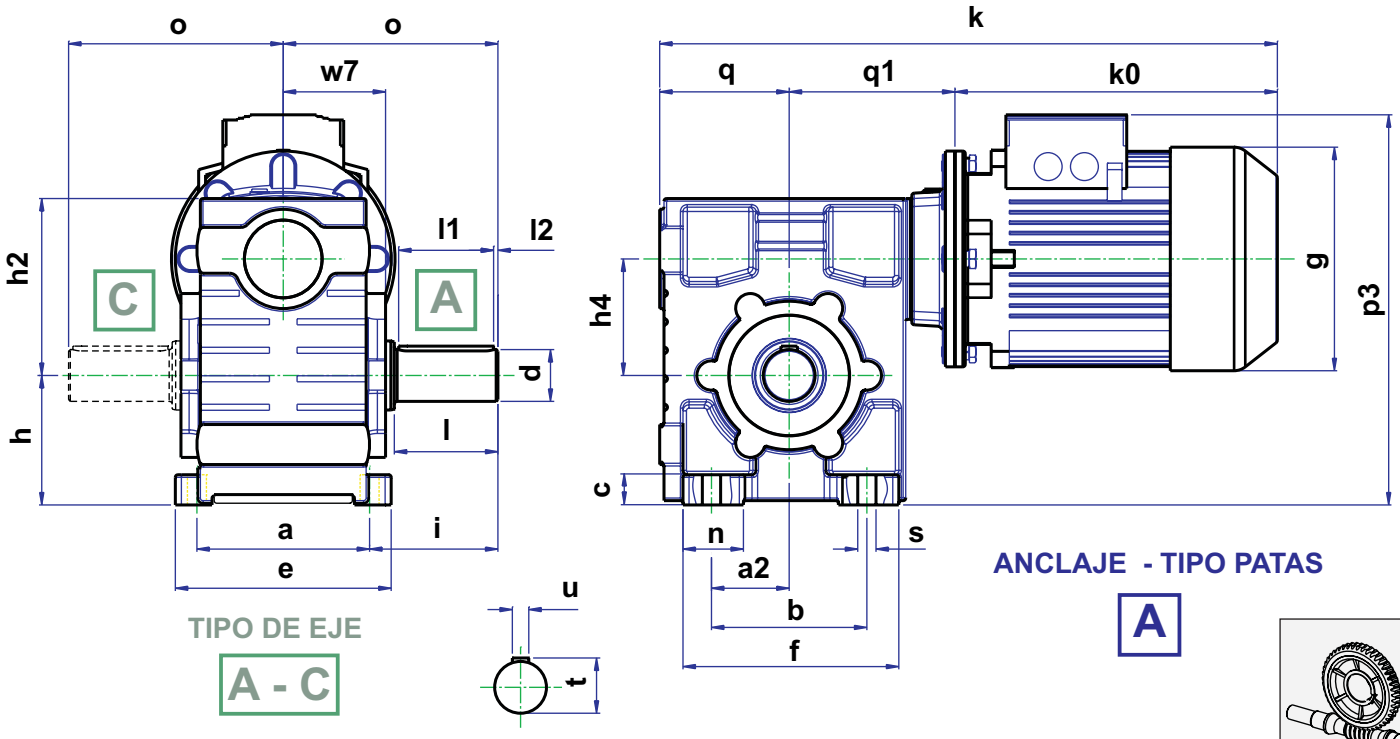
Designación del Equipo :

2	4	04	G	3	B00	A17	A	1
1	2	3,4	5,6	7,8	10	11	12	13

FORMA CONSTRUCTIVA
G - Anclaje tipo patas

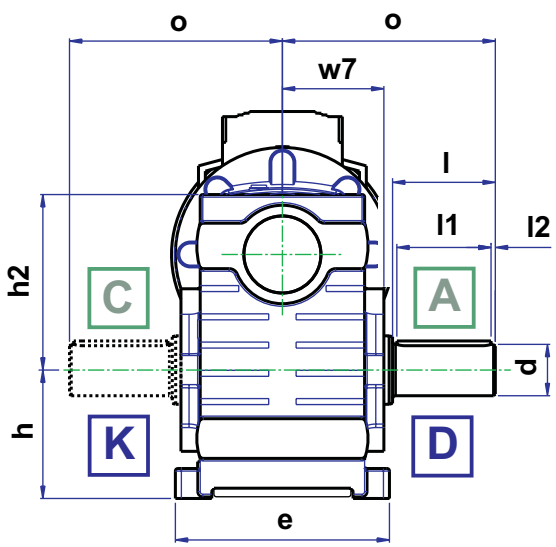


14.4 DIMENSIONES MOTORREDUCTORES
SINFIN CORONA " SERIE 2000 "



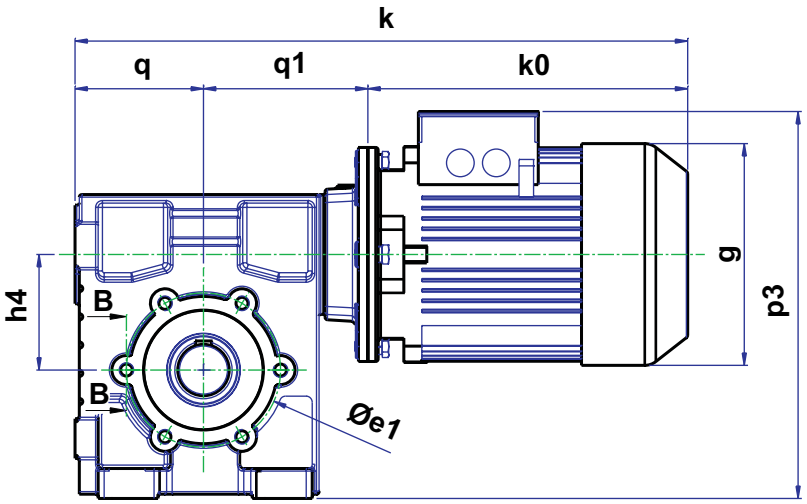
TAMAÑO	Motor	a b	a2	c	d l	e f	g	h h2	h4	i	k	k0	l1 l2	n	o	p3	q	q1	s	t u	w7
SB01	63	80	30	10	25	95	120	50	43	72	345	217	40	25	112	208	53	75	9	28	58
	71						148				338	210				201		75			
	80	60			50	90	163	80			362	234	5			207		75		5/16"	
SB02	63	100	35	12	30	120	120	65	55	78	372	217	50	33	128	235	65	90	11	33	63
	71						148				365	210				228		90			
	80						163				389	234				234		90			
	90	80			60	115	181	100			436	281	5			242		90		3/8"	
SB03	71	110	45	15	35	136	148	80	70	94	400	210	56	40	149	258	80	110	11	38	75
	80						163				423	234				264		110			
	90						181				471	281				272		110			
	112	100			70	140	227	120			523	333	7			298		110		3/8"	
SB04	71	130	60	18	40	160	148	100	85	105	439	210	70	50	170	293	100	129	13.5	43.5	90
	80						163				462	234				299		129			
	90						181				526	281				307		145			
	112	130			80	180	227	150			578	333	5			333		145		1/2"	
SB05	80	150	70	23	50	185	163	125	110	140	529	234	80	65	215	349	125	170	17.5	53.5	105
	90						181				576	281				357		170			
	112						227				615	333				383		157			
	132	140			100	205	266	185			706	411	10			418		170		9/16"	
SB06	90	200	90	35	60	250	181	150	135	149	625	281	110	70	249	407	150	194	22	64.5	119
	112						227				677	333				433		194			
	132						266				755	411				468		194			
	160	180			120	250	320	210			863	519	5			491		194		3/4"	
SB07	112	250	118	35	70	300	227	180	165	182	751	333	125	80	307	493	180	238	26	74.5	152
	132						266				829	411				528		238			
	160						320				937	519				551		238			
	180	235			140	300	357	280			999	581	7.5			575		238		3/4"	

14.5 DIMENSIONES MOTORREDUCTORES
SINFIN CORONA " SERIE 2000 "



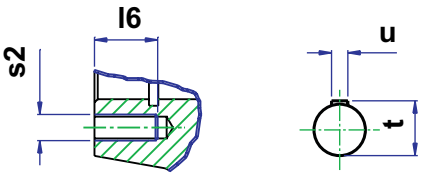
TIPO DE EJE

A - C



ANCLAJE - TIPO B14

D - K



B-B

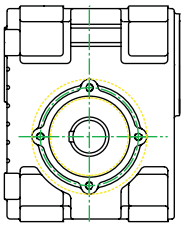


Fig 1

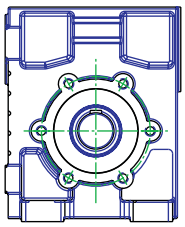


Fig 2

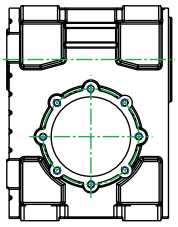
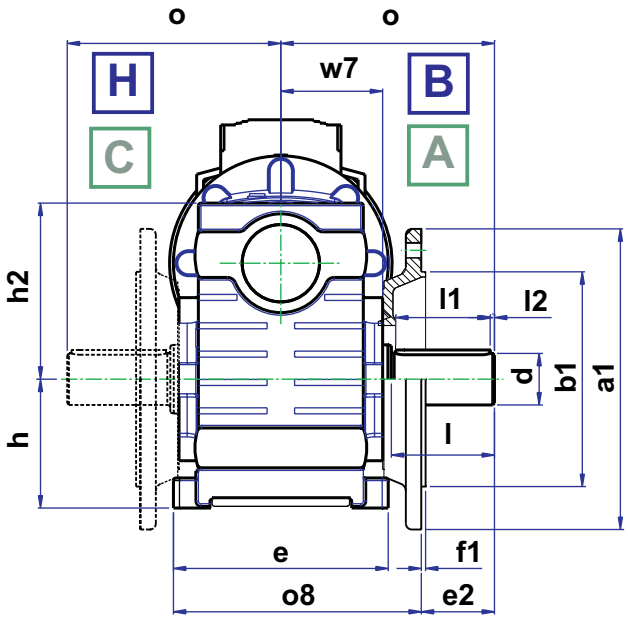
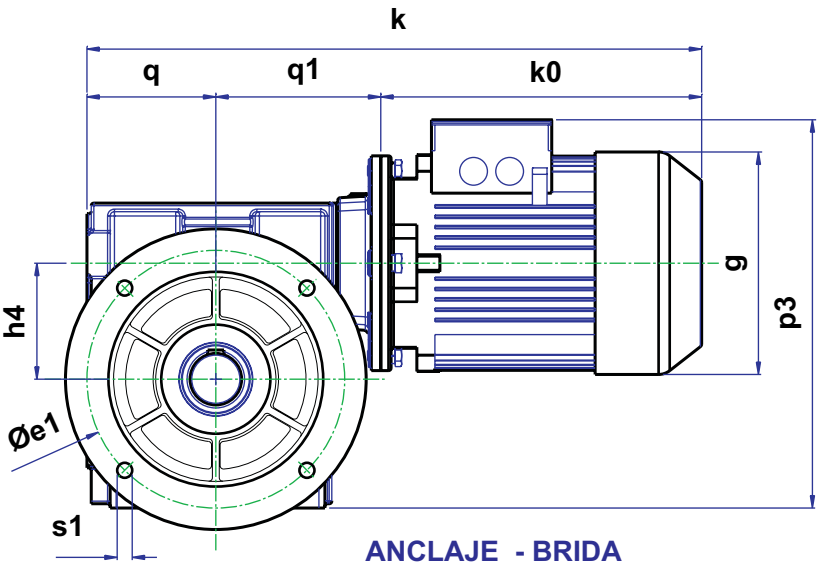


Fig 3

TAMAÑO	Motor	d l	e	e1	g	h h2	h4	k	k0	l1 l2	o	p3	q	q1	s2 l6	t u	w7
SB01	63	25	95	75 Fig 1	120	50	43	345	217	40	112	208	53	75	M6	28	58
	71				148			338	210			201		75			
	80	50			163	80		362	234	5		207		75	14	5/16"	
SB02	63	30	120	90 Fig 1	120	65	55	372	217	50	128	235	65	90	M6	33	63
	71				148			365	210			228		90			
	80				163			389	234			234		90			
	90	60			181	100		436	281	5		242		90	14	3/8"	
SB03	71	35	136	100 Fig 2	148	80	70	400	210	56	149	258	80	110	M8	38	75
	80				163			423	234			264		110			
	90				181			471	281			272		110			
	112	70			227	120		523	333	7		298		110	20	3/8"	
SB04	71	40	160	110 Fig 2	148	100	85	439	210	70	170	293	100	129	M10	43.5	90
	80				163			462	234			299		129			
	90				181			526	281			307		145			
	112	80			227	150		578	333	5		333		145	20	1/2"	
SB05	80	50	185	130 Fig 2	163	125	110	529	234	80	215	349	125	170	M12	53.5	105
	90				181			576	281			357		170			
	112				227			615	333			383		157			
	132	100			266	185		706	411	10		418		170	30	9/16"	
SB06	90	60	250	178 Fig 2	181	150	135	625	281	110	249	407	150	194	M16	64.5	119
	112				227			677	333			433		194			
	132				266			755	411			468		194			
	160	120			320	210		863	519	5		491		194	36	3/4"	
SB07	112	70	300	205 Fig 3	227	180	165	751	333	125	307	493	180	238	M16	74.5	152
	132				266			829	411			528		238			
	160				320			937	519			551		238			
	180	140			357	280		999	581	7.5		575		238	30	3/4"	

14.6 DIMENSIONES MOTORREDUCTORES
SINFIN CORONA " SERIE 2000 "



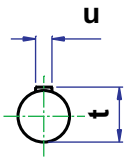


ANCLAJE - BRIDA

B - H

TIPO DE EJE

A - C



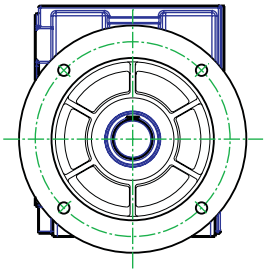


Fig 1

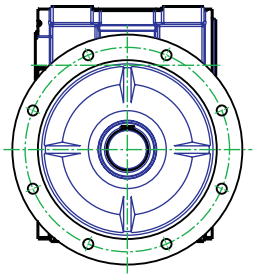
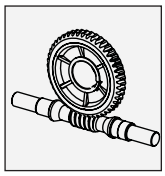
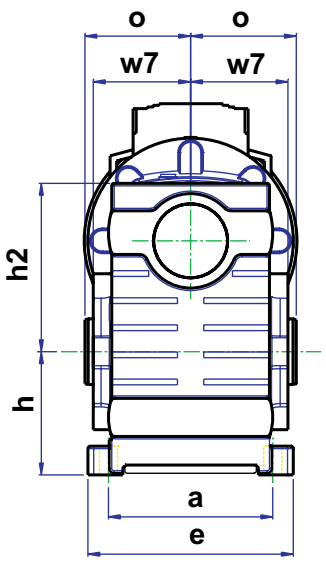


Fig 2



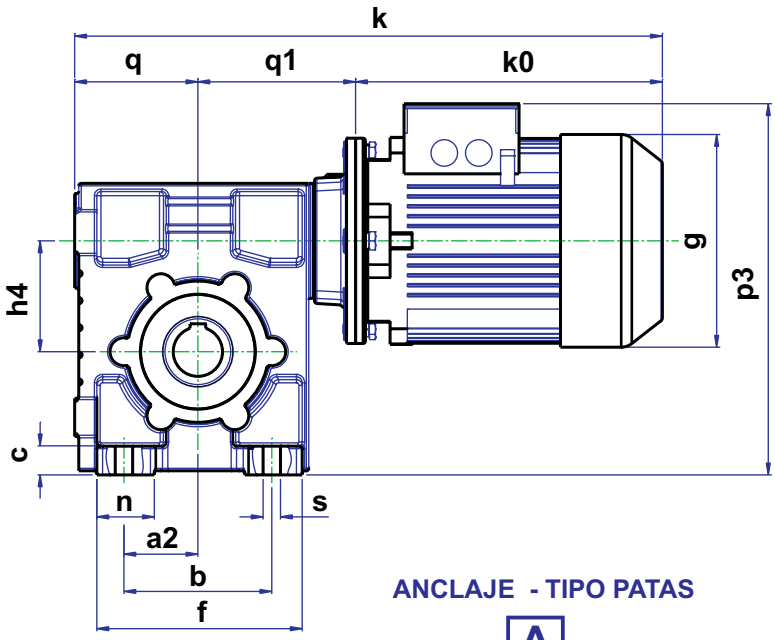
TAMAÑO	Motor	a1	b1 f1	d l	e	e1	e2	g	h h2	h4	k	k0	l1 l2	o	o8	p3	q	q1	s1	t u	w7
SB01	63	160	110	25	95	130 Fig 1	40	120	50	43	345	217	40	112	120	208	53	75	9	28	58
	71							148			338	210				201		75			
	80		3.5	50				163	80		362	234	5			207		75	4ag	5/16"	
SB02	63	160	110	30	120	130 Fig 1	45	120	65	55	372	217	50	128	143	235	65	90	9	33	63
	71							148			365	210				228		90			
	80							163			389	234				234		90			
	90		3.5	60				181	100		436	281	5			242		90	4ag	3/8"	
SB03	71	200	130	35	136	165 Fig 1	47	148	80	70	400	210	56	149	171	258	80	110	11	38	75
	80							163			423	234				264		110			
	90							181			471	281				272		110			
	112		3.5	70				227	120		523	333	7			298		110	4ag	3/8"	
SB04	71	250	180	40	160	215 Fig 1	51	148	100	85	439	210	70	170	200	293	100	129	14	43.5	90
	80							163			462	234				299		129			
	90							181			526	281				307		145			
	112		4	80				227	150		578	333	5			333		145	4ag	1/2"	
SB05	80	300	230	50	185	265 Fig 1	68	163	125	110	529	234	80	215	240	349	125	170	14	53.5	105
	90							181			576	281				357		170			
	112							227			615	333				383		157			
	132		4	100				266	185		706	411	10			418		170	4ag	9/16"	
SB06	90	350	250	60	250	300 Fig 1	86	181	150	135	625	281	110	249	289	407	150	194	19	64.5	119
	112							227			677	333				433		194			
	132							266			755	411				468		194			
	160		4	120				320	210		863	519	5			491		194	4ag	3/4"	
SB07	112	450	350	70	300	400 Fig 2	86	227	180	165	751	333	125	307	372	493	180	238	20	74.5	152
	132							266			829	411				528		238			
	160							320			937	519				551		238			
	180		5	140				357	280		999	581	7.5			575		238	8ag	3/4"	

14.7 DIMENSIONES MOTORREDUCTORES SINFIN CORONA " SERIE 2000 "



TIPO DE EJE

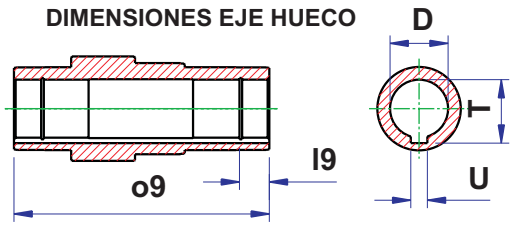
G



ANCLAJE - TIPO PATAS

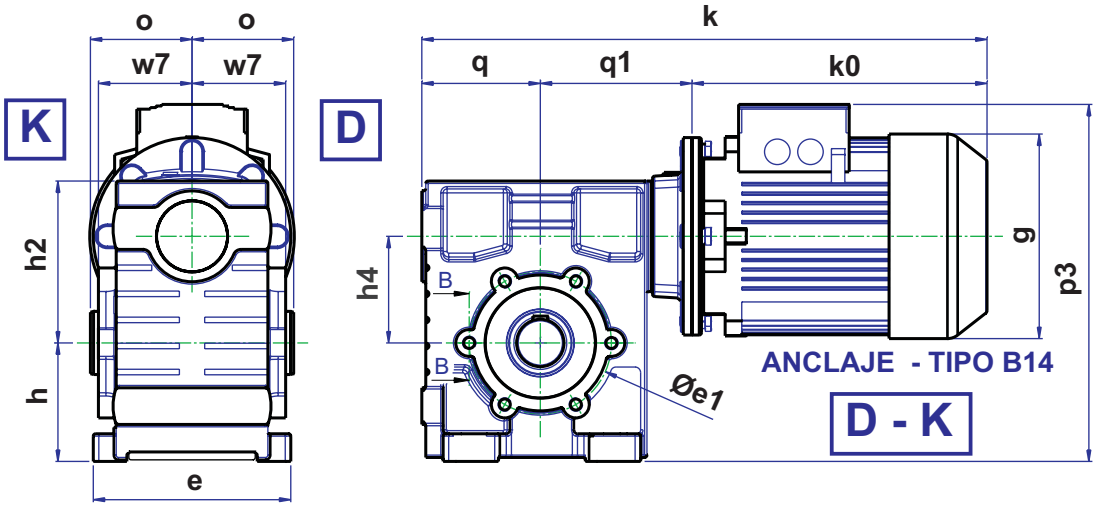
A

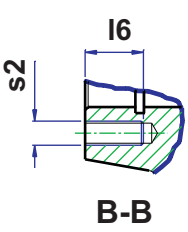
DIMENSIONES EJE HUECO



TAMAÑO	Motor	a b	a2	c	D o9	e f	g	h h2	h4	k	k0	l9	n	o	p3	q	q1	s	T U	w7
SB01	63	80	30	10	20	95	120	50	43	345	217	17	25	61	208	53	75	9	22.8	58
	71						148			338	210				201		75			
	80	60			122	90	163	80		362	234				207		75		6	
SB02	63	100	35	12	30	120	120	65	55	372	217	16	33	68	235	65	90	11	33.3	63
	71						148			365	210				228		90			
	80						163			389	234				234		90			
	90	80			136	115	181	100		436	281				242		90		10	
SB03	71	110	45	15	35	136	148	80	70	400	210	18	40	79	258	80	110	11	38.5	75
	80						163			423	234				264		110			
	90						181			471	281				272		110			
	112	100			157	140	227	120		523	333				298		110		10	
SB04	71	130	60	18	40	160	148	100	85	439	210	24	50	90	293	100	129	13.5	43.3	90
	80						163			462	234				299		129			
	90						181			526	281				307		145			
	112	130			180	180	227	150		578	333				333		145		12	
SB05	80	150	70	23	50	185	163	125	110	529	234	30	65	116	349	125	170	17.5	53.8	105
	90						181			576	281				357		170			
	112						227			615	333				383		157			
	132	140			231	205	266	185		706	411				418		170		14	
SB06	90	200	90	35	60	250	181	150	135	625	281	30	70	129	407	150	194	22	64.6	119
	112						227			677	333				433		194			
	132						266			755	411				468		194			
	160	180			257	250	320	210		863	519				491		194		18	
SB07	112	250	118	35	70	300	227	180	165	751	333	30	80	167	493	180	238	26	75	152
	132						266			829	411				528		238			
	160						320			937	519				551		238			
	180	235			333	300	357	280		999	581				575		238		20	

14.8 DIMENSIONES MOTORREDUCTORES SINFIN CORONA " SERIE 2000 "





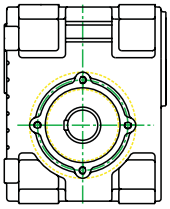


Fig 1

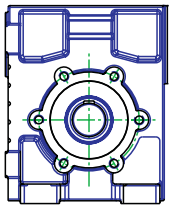


Fig 2

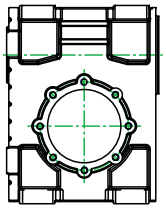
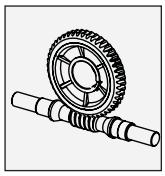


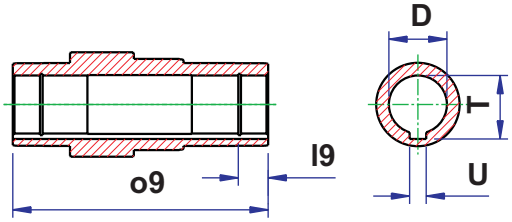
Fig 3



DIMENSIONES EJE HUECO

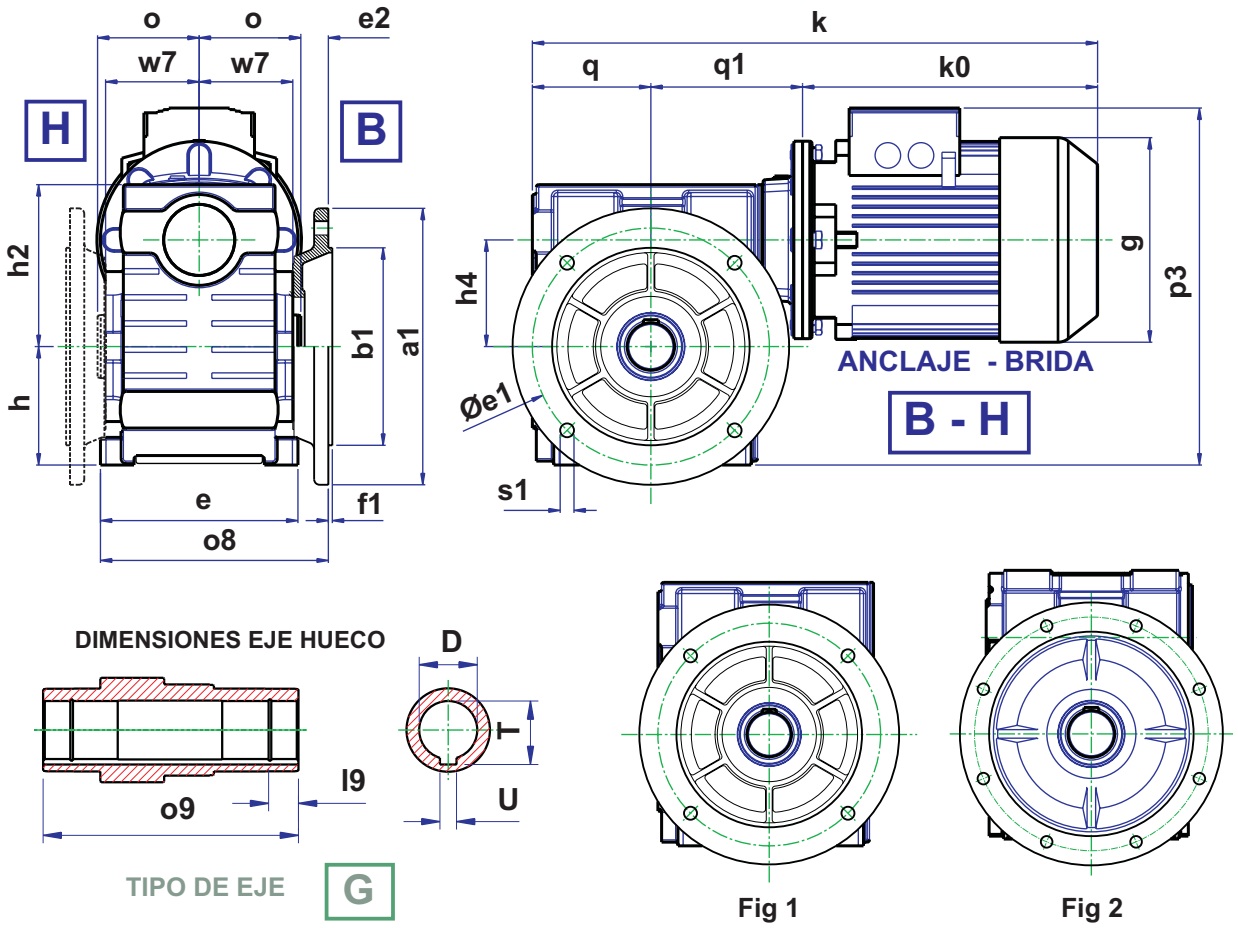
TIPO DE EJE

G



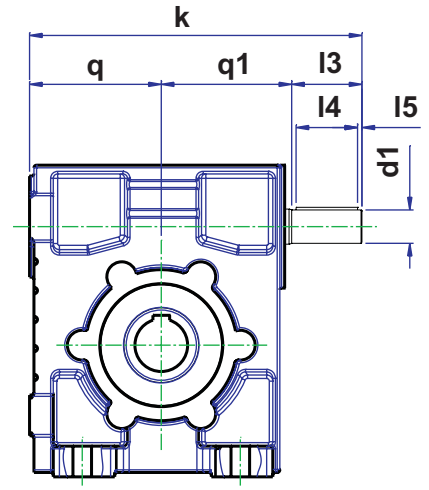
TAMAÑO	Motor	D o9	e	e1	g	h h2	h4	k	k0	l9	o	p3	q	q1	s2 l6	T U	w7
SB01	63	20	95	75 Fig 1	120	50	43	345	217	17	61	208	53	75	M6	22.8	58
	71				148			338	210			201		75			
	80	122			163	80		362	234			207		75	14	6	
SB02	63	30	120	90 Fig 1	120	65	55	372	217	16	68	235	65	90	M6	33.3	63
	71				148			365	210			228		90			
	80				163			389	234			234		90			
	90	136			181	100		436	281			242		90	14	10	
SB03	71	35	136	100 Fig 2	148	80	70	400	210	18	79	258	80	110	M8	38.5	75
	80				163			423	234			264		110			
	90				181			471	281			272		110			
	112	157			227	120		523	333			298		110	20	10	
SB04	71	40	160	110 Fig 2	148	100	85	439	210	24	90	293	100	129	M10	43.3	90
	80				163			462	234			299		129			
	90				181			526	281			307		145			
	112	180			227	150		578	333			333		145	20	12	
SB05	80	50	185	130 Fig 2	163	125	110	529	234	30	116	349	125	170	M12	53.8	105
	90				181			576	281			357		170			
	112				227			615	333			383		157			
	132	231			266	185		706	411			418		170	30	14	
SB06	90	60	250	178 Fig 2	181	150	135	625	281	30	129	407	150	194	M16	64.6	119
	112				227			677	333			433		194			
	132				266			755	411			468		194			
	160	257			320	210		863	519			491		194	36	18	
SB07	112	70	300	205 Fig 3	227	180	165	751	333	30	167	493	180	238	M16	75	152
	132				266			829	411			528		238			
	160				320			937	519			551		238			
	180	333			357	280		999	581			575		238	30	20	

14.9 DIMENSIONES MOTORREDUCTORES
SINFIN CORONA " SERIE 2000 "



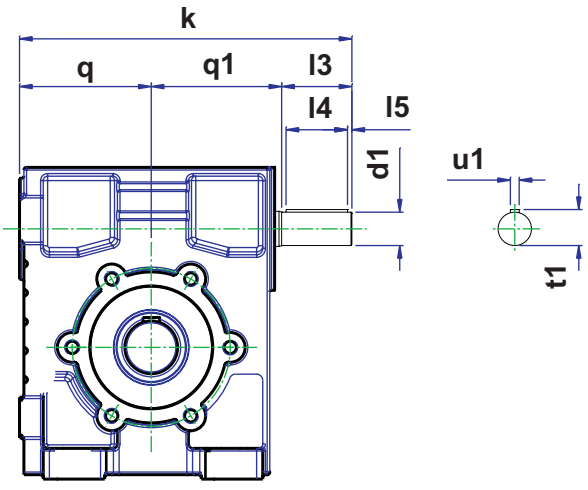
TAMAÑO	Motor	a1	b1 f1	D o9	e	e1	e2	g	h h2	h4	k	k0	l9	o	o8	p3	q	q1	s1	T U	w7
SB01	63	160	110	20	95	130 Fig 1	11	120	50	43	345	217	17	61	120	208	53	75	9	22.8	58
	71							148			338	210				201		75			
	80		3.5	122				163	80		362	234				207		75	4ag	6	
SB02	63	160	110	30	120	130 Fig 1	15	120	65	55	372	217	16	68	143	235	65	90	9	33.3	63
	71							148			365	210				228		90			
	80							163			389	234				234		90			
	90		3.5	136				181	100		436	281				242		90	4ag	10	
SB03	71	200	130	35	136	165 Fig 1	24	148	80	70	400	210	18	79	171	258	80	110	11	38.5	75
	80							163			423	234				264		110			
	90							181			471	281				272		110			
	112		3.5	157				227	120		523	333				298		110	4ag	10	
SB04	71	250	180	40	160	215 Fig 1	30	148	100	85	439	210	24	90	200	293	100	129	14	43.3	90
	80							163			462	234				299		129			
	90							181			526	281				307		145			
	112		4	180				227	150		578	333				333		145	4ag	12	
SB05	80	300	230	50	185	265 Fig 1	32	163	125	110	529	234	30	116	240	349	125	170	14	53.8	105
	90							181			576	281				357		170			
	112							227			615	333				383		157			
	132		4	231				266	185		706	411				418		170	4ag	14	
SB06	90	350	250	60	250	300 Fig 1	35	181	150	135	625	281	30	129	289	407	150	194	19	64.6	119
	112							227			677	333				433		194			
	132							266			755	411				468		194			
	160		4	257				320	210		863	519				491		194	4ag	18	
SB07	112	450	350	70	300	400 Fig 2	55	227	180	165	751	333	30	167	372	493	180	238	20	75	152
	132							266			829	411				528		238			
	160							320			937	519				551		238			
	180		5	333				357	280		999	581				575		238	8ag	20	

14.10 DIMENSIONES REDUCTORES
SINFIN CORONA " SERIE 2000 "



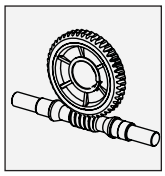
ANCLAJE - TIPO PATAS

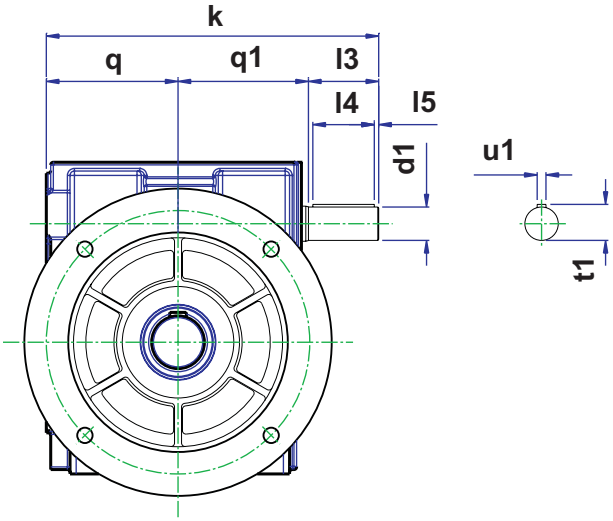
A



ANCLAJE - TIPO B14

D - K





ANCLAJE - BRIDA

B - H

TAMAÑO	d l3	l4 l5	k	q	q1	t1 u1
SB01	16 40	32 4	156	53	63	18.5 3/16"
SB02	19 40	32 4	182	67	75	21.5 1/4"
SB03	24 50	40 5	220	80	90	27 5/16"
SB04	28 60	50 5	268	100	108	31 5/16"
SB05	38 80	70 5	326	125	121	41 3/8"
SB06	42 110	70 10	421	150	161	45 1/2"
SB07	48 100	80 10	455	175	180	51.5 9/16"

TÑO RED	n_2 [1/min]	M_2 [Nm]	η [-]	$i_{trans.}$ [-]	Fs [-]	Codigo Equipo
	Kw / Hp ***0.18 / 0.25*** - Frame - Polos ***63 - 4***					
SB01	65.77	18.56	71	26.00	2.2	**2401 G00 G04**
	53.44	20.27	63	32.00	2.8	**2401 H00 G04**
	46.22	22.69	61	37.00	2.8	**2401 I00 G04**
	32.88	28.23	54	52.00	1.6	**2401 L00 G04**
	25.52	34.35	51	67.00	1.4	**2401 N00 G04**
02	24.43	37.30	53	70.00	2.4	**2402 N00 G04**
	Kw / Hp ***0.25 / 0.33*** - Frame - Polos ***63 - 4***					
SB01	92.43	19.63	76	18.50	2.9	**2401 E00 G05**
	65.77	25.77	71	26.00	1.6	**2401 G00 G05**
	53.44	28.15	63	32.00	2.0	**2401 H00 G05**
	46.22	31.51	61	37.00	2.0	**2401 I00 G05**
	32.88	39.21	54	52.00	1.2	**2401 L00 G05**
	25.52	47.71	51	67.00	1.0	**2401 N00 G05**
SB02	34.20	41.89	60	50.00	2.3	**2402 L00 G05**
	29.48	46.16	57	58.00	2.4	**2402 M00 G05**
	24.43	51.80	53	70.00	1.7	**2402 N00 G05**
	Kw / Hp ***0.29 / 0.4*** - Frame - Polos ***71 - 4***					
SB01	102.50	21.08	78	16.00	2.6	**2401 D00 A04**
	88.65	23.74	76	18.50	2.4	**2401 E00 A04**
	63.08	31.17	71	26.00	1.3	**2401 G00 A04**
	51.25	34.04	63	32.00	1.6	**2401 H00 A04**
	44.32	38.11	61	37.00	1.7	**2401 I00 A04**
	31.54	47.42	54	52.00	1.0	**2401 L00 A04**
SB02	66.94	30.62	74	24.50	2.8	**2402 G00 A04**
	32.80	50.66	60	50.00	1.9	**2402 L00 A04**
	28.28	55.83	57	58.00	2.0	**2402 M00 A04**
	23.43	62.65	53	70.00	1.4	**2402 N00 A04**
03	27.80	63.77	64	59.00	2.7	**2403 M00 A04**
	24.12	70.05	61	68.00	2.4	**2403 N00 A04**
	Kw / Hp ***0.37 / 0.5*** - Frame - Polos ***71 - 4***					
SB01	153.92	19.05	83	10.33	2.5	**2401 C00 A05**
	99.38	27.73	78	16.00	1.9	**2401 D00 A05**
	85.95	31.25	76	18.50	1.8	**2401 E00 A05**
	61.15	41.02	71	26.00	1.0	**2401 G00 A05**
	49.69	44.80	63	32.00	1.3	**2401 H00 A05**
	42.97	50.16	61	37.00	1.3	**2401 I00 A05**
SB02	64.90	40.29	74	24.50	2.1	**2402 G00 A05**
	48.18	47.67	65	33.00	2.7	**2402 I00 A05**
	37.86	56.94	61	42.00	2.3	**2402 J00 A05**
	31.80	66.67	60	50.00	1.4	**2402 L00 A05**
	27.41	73.47	57	58.00	1.5	**2402 M00 A05**
	22.71	82.45	53	70.00	1.1	**2402 N00 A05**
SB03	33.83	69.98	67	47.00	2.6	**2403 L00 A05**
	26.95	83.92	64	59.00	2.1	**2403 M00 A05**
	23.38	92.18	61	68.00	1.8	**2403 N00 A05**
	Kw / Hp ***0.45 / 0.6*** - Frame - Polos ***71 - 4***					
SB01	162.63	21.93	83	10.33	2.2	**2401 C00 A06**
	105.00	31.92	78	16.00	1.7	**2401 D00 A06**
	90.81	35.97	76	18.50	1.6	**2401 E00 A06**
	52.50	51.57	63	32.00	1.1	**2401 H00 A06**
	45.41	57.73	61	37.00	1.1	**2401 I00 A06**
SB02	80.00	40.29	75	21.00	3.0	**2402 F00 A06**
	68.57	46.38	74	24.50	1.8	**2402 G00 A06**
	50.91	54.87	65	33.00	2.3	**2402 I00 A06**
	40.00	65.54	61	42.00	2.0	**2402 J00 A06**
TÑO RED	n_2 [1/min]	M_2 [Nm]	η [-]	$i_{trans.}$ [-]	Fs [-]	Codigo Equipo

TÑO RED	n_2 [1/min]	M_2 [Nm]	η [-]	$i_{trans.}$ [-]	Fs [-]	Codigo Equipo
	Kw / Hp ***0.45 / 0.6*** - Frame - Polos ***71 - 4***					
02	33.60	76.74	60	50.00	1.2	**2402 L00 A06**
	28.97	84.57	57	58.00	1.3	**2402 M00 A06**
SB03	44.21	68.04	70	38.00	2.9	**2403 J00 A06**
	35.74	80.55	67	47.00	2.3	**2403 L00 A06**
	28.47	96.59	64	59.00	1.8	**2403 M00 A06**
	24.71	106.11	61	68.00	1.6	**2403 N00 A06**
	Kw / Hp ***0.56 / 0.75*** - Frame - Polos ***71 - 4***					
SB01	159.73	27.79	83	10.33	1.7	**2401 C00 A07**
	103.13	40.45	78	16.00	1.3	**2401 D00 A07**
	89.19	45.57	76	18.50	1.3	**2401 E00 A07**
SB02	100.00	41.71	78	16.50	2.7	**2402 D00 A07**
	78.57	51.05	75	21.00	2.4	**2402 F00 A07**
	67.35	58.76	74	24.50	1.4	**2402 G00 A07**
	50.00	69.52	65	33.00	1.8	**2402 I00 A07**
	39.29	83.04	61	42.00	1.6	**2402 J00 A07**
	33.00	97.24	60	50.00	1.0	**2402 L00 A07**
	28.45	107.15	57	58.00	1.0	**2402 M00 A07**
SB03	71.74	59.64	80	23.00	2.8	**2403 G00 A07**
	51.56	74.68	72	32.00	2.9	**2403 I00 A07**
	43.42	86.22	70	38.00	2.3	**2403 J00 A07**
	35.11	102.07	67	47.00	1.8	**2403 L00 A07**
	27.97	122.39	64	59.00	1.4	**2403 M00 A07**
	24.26	134.45	61	68.00	1.2	**2403 N00 A07**
	Kw / Hp ***0.75 / 1*** - Frame - Polos ***80 - 4***					
SB01	288.70	21.83	88	5.75	2.3	**2401 A00 A09**
	160.70	36.99	83	10.33	1.3	**2401 C00 A09**
	103.75	53.85	78	16.00	1.0	**2401 D00 A09**
SB02	150.91	40.34	85	11.00	2.6	**2402 C00 A09**
	100.61	55.53	78	16.50	2.0	**2402 D00 A09**
	79.05	67.96	75	21.00	1.8	**2402 F00 A09**
	67.76	78.23	74	24.50	1.1	**2402 G00 A09**
	50.30	92.55	65	33.00	1.4	**2402 I00 A09**
	39.52	110.54	61	42.00	1.2	**2402 J00 A09**
SB03	72.17	79.39	80	23.00	2.1	**2403 G00 A09**
	51.88	99.41	72	32.00	2.2	**2403 I00 A09**
	43.68	114.77	70	38.00	1.7	**2403 J00 A09**
	35.32	135.87	67	47.00	1.4	**2403 L00 A09**
	28.14	162.93	64	59.00	1.1	**2403 M00 A09**
SB04	35.32	143.98	71	47.00	2.2	**2404 M00 A09**
	29.12	172.16	70	57.00	1.8	**2404 M00 A09**
	23.06	201.93	65	72.00	1.5	**2404 N00 A09**
	Kw / Hp ***0.9 / 1.2*** - Frame - Polos ***80 - 4***					
01	291.30	25.96	88	5.75	1.9	**2401 A00 A10**
	162.15	44.00	83	10.33	1.1	**2401 C00 A10**
SB02	152.27	47.98	85	11.00	2.2	**2402 C00 A10**
	101.52	66.04	78	16.50	1.7	**2402 D00 A10**
	79.76	80.82	75	21.00	1.5	**2402 F00 A10**
	50.76	110.07	65	33.00	1.1	**2402 I00 A10**
	39.88	131.47	61	42.00	1.0	**2402 J00 A10**
SB03	104.69	68.97	84	16.00	3.0	**2403 D00 A10**
	88.16	79.95	82	19.00	2.6	**2403 F00 A10**
	72.83	94.42	80	23.00	1.8	**2403 G00 A10**
	52.34	118.23	72	32.00	1.8	**2403 I00 A10**
	44.08	136.49	70	38.00	1.4	**2403 J00 A10**
	35.64	161.59	67	47.00	1.1	**2403 L00 A10**
TÑO RED	n_2 [1/min]	M_2 [Nm]	η [-]	$i_{trans.}$ [-]	Fs [-]	Codigo Equipo

TÑO RED	n_2 [1/min]	M_2 [Nm]	η [-]	$i_{trans.}$ [-]	Fs [-]	Codigo Equipo
	Kw / Hp ***0.9 / 1.2*** - Frame - Polos ***80 - 4***					
SB04	72.83	95.60	81	23.00	2.9	**2404 G00 A10**
	41.88	147.78	72	40.00	2.6	**2404 J00 A10**
	35.64	171.23	71	47.00	1.9	**2404 M00 A10**
	29.39	204.74	70	57.00	1.5	**2404 M00 A10**
	23.26	240.15	65	72.00	1.2	**2404 N00 A10**
	Kw / Hp ***1.12 / 1.5*** - Frame - Polos ***80 - 4***					
01	286.96	32.80	88	5.75	1.5	**2401 A00 A11**
SB02	212.90	43.21	86	7.75	2.5	**2402 B00 A11**
	150.00	60.61	85	11.00	1.7	**2402 C00 A11**
	100.00	83.43	78	16.50	1.3	**2402 D00 A11**
	78.57	102.10	75	21.00	1.2	**2402 F00 A11**
	103.13	87.12	84	16.00	2.4	**2403 D00 A11**
SB03	86.84	101.00	82	19.00	2.0	**2403 F00 A11**
	71.74	119.28	80	23.00	1.4	**2403 G00 A11**
	51.56	149.36	72	32.00	1.4	**2403 I00 A11**
	43.42	172.43	70	38.00	1.1	**2403 J00 A11**
	71.74	120.77	81	23.00	2.3	**2404 G00 A11**
	55.00	153.63	79	30.00	2.9	**2404 H00 A11**
SB04	41.25	186.69	72	40.00	2.0	**2404 J00 A11**
	35.11	216.32	71	47.00	1.5	**2404 M00 A11**
	28.95	258.65	70	57.00	1.2	**2404 M00 A11**
	22.92	303.38	65	72.00	1.0	**2404 N00 A11**
	Kw / Hp ***1.5 / 2*** - Frame - Polos ***90 - 4***					
02	219.35	56.16	86	7.75	1.9	**2402 B00 A13**
	154.55	78.79	85	11.00	1.3	**2402 C00 A13**
	103.03	108.45	78	16.50	1.0	**2402 D00 A13**
	226.67	56.25	89	7.50	3.0	**2403 C00 A13**
	170.00	73.31	87	10.00	2.6	**2403 C00 A13**
SB03	106.25	113.25	84	16.00	1.8	**2403 D00 A13**
	89.47	131.28	82	19.00	1.6	**2403 F00 A13**
	73.91	155.05	80	23.00	1.1	**2403 G00 A13**
	53.13	194.15	72	32.00	1.1	**2403 I00 A13**
	113.33	108.70	86	15.00	2.7	**2404 D00 A13**
	100.00	120.33	84	17.00	2.4	**2404 E00 A13**
SB04	87.18	136.38	83	19.50	2.7	**2404 F00 A13**
	73.91	156.99	81	23.00	1.8	**2404 G00 A13**
	56.67	199.71	79	30.00	2.2	**2404 H00 A13**
	42.50	242.68	72	40.00	1.6	**2404 J00 A13**
	36.17	281.19	71	47.00	1.1	**2404 M00 A13**
	34.00	257.01	61	50.00	2.5	**2405 L00 A13**
SB05	27.87	308.41	60	61.00	2.9	**2405 M00 A13**
	23.94	323.07	54	71.00	2.4	**2405 N00 A13**
	Kw / Hp ***1.79 / 2.4*** - Frame - Polos ***90 - 4***					
02	218.06	67.42	86	7.75	1.6	**2402 B00 A14**
	153.64	94.58	85	11.00	1.1	**2402 C00 A14**
	225.33	67.52	89	7.50	2.5	**2403 C00 A14**
SB03	169.00	88.00	87	10.00	2.2	**2403 C00 A14**
	105.63	135.95	84	16.00	1.5	**2403 D00 A14**
	88.95	157.59	82	19.00	1.3	**2403 F00 A14**
	112.67	130.48	86	15.00	2.2	**2404 D00 A14**
	99.41	144.44	84	17.00	2.0	**2404 E00 A14**
SB04	86.67	163.71	83	19.50	2.2	**2404 F00 A14**
	73.48	188.44	81	23.00	1.5	**2404 G00 A14**
	56.33	239.73	79	30.00	1.8	**2404 H00 A14**
	42.25	291.31	72	40.00	1.3	**2404 J00 A14**
TÑO RED	n_2 [1/min]	M_2 [Nm]	η [-]	$i_{trans.}$ [-]	Fs [-]	Codigo Equipo

TÑO RED	n_2 [1/min]	M_2 [Nm]	η [-]	$i_{trans.}$ [-]	Fs [-]	Codigo Equipo
	Kw / Hp ***1.79 / 2.4*** - Frame - Polos ***90 - 4***					
SB05	66.27	196.03	76	25.50	2.9	**2405 G00 A14**
	33.80	308.51	61	50.00	2.1	**2405 L00 A14**
	27.70	370.21	60	61.00	2.4	**2405 M00 A14**
	23.80	387.81	54	71.00	2.0	**2405 N00 A14**
	Kw / Hp ***2.2 / 3*** - Frame - Polos ***90 - 4***					
02	220.39	81.99	86	7.75	1.3	**2402 B00 A15**
	227.73	82.11	89	7.50	2.0	**2403 C00 A15**
SB03	170.80	107.02	87	10.00	1.8	**2403 C00 A15**
	106.75	165.32	84	16.00	1.3	**2403 D00 A15**
	89.89	191.65	82	19.00	1.1	**2403 F00 A15**
	183.07	101.00	88	9.33	3.0	**2404 C00 A15**
	113.87	158.68	86	15.00	1.8	**2404 D00 A15**
SB04	100.47	175.66	84	17.00	1.7	**2404 E00 A15**
	87.59	199.09	83	19.50	1.8	**2404 F00 A15**
	74.26	229.17	81	23.00	1.2	**2404 G00 A15**
	56.93	291.53	79	30.00	1.5	**2404 H00 A15**
	42.70	354.27	72	40.00	1.1	**2404 J00 A15**
	66.98	238.39	76	25.50	2.4	**2405 G00 A15**
	48.80	288.46	67	35.00	2.9	**2405 I00 A15**
SB05	44.95	303.83	65	38.00	2.9	**2405 J00 A15**
	34.16	375.18	61	50.00	1.7	**2405 L00 A15**
	28.00	450.21	60	61.00	2.0	**2405 M00 A15**
	24.06	471.62	54	71.00	1.6	**2405 N00 A15**
	Kw / Hp ***3 / 4*** - Frame - Polos ***112 - 4***					
03	233.33	109.28	89	7.50	1.5	**2403 C00 A16**
	175.00	142.43	87	10.00	1.4	**2403 C00 A16**
	233.33	109.28	89	7.50	2.8	**2404 B00 A16**
	187.57	134.42	88	9.33	2.3	**2404 C00 A16**
SB04	116.67	211.19	86	15.00	1.4	**2404 D00 A16**
	102.94	233.78	84	17.00	1.2	**2404 E00 A16**
	89.74	264.97	83	19.50	1.4	**2404 F00 A16**
	58.33	388.00	79	30.00	1.1	**2404 H00 A16**
	68.63	317.28	76	25.50	1.8	**2405 G00 A16**
	56.45	350.18	69	31.00	2.4	**2405 H00 A16**
SB05	50.00	383.91	67	35.00	2.2	**2405 I00 A16**
	46.05	404.37	65	38.00	2.2	**2405 J00 A16**
	35.00	499.33	61	50.00	1.3	**2405 L00 A16**
	28.69	599.19	60	61.00	1.5	**2405 M00 A16**
	24.65	627.68	54	71.00	1.2	**2405 N00 A16**
	39.77	475.43	66	44.00	2.8	**2406 K00 A16**
SB06	35.71	513.41	64	49.00	2.4	**2406 L00 A16**
	31.25	577.58	63	56.00	2.5	**2406 M00 A16**
	25.36	666.48	59	69.00	2.0	**2406 N00 A16**
	Kw / Hp ***3.73 / 5*** - Frame - Polos ***112 - 4***					
	232.00	136.65	89	7.50	2.2	**2404 B00 A17**
	186.50	168.08	88	9.33	1.8	**2404 C00 A17**
SB04	116.00	264.09	86	15.00	1.1	**2404 D00 A17**
	102.35	292.34	84	17.00	1.0	**2404 E00 A17**
	89.23	331.34	83	19.50	1.1	**2404 F00 A17**
	91.58	303.40	78	19.00	2.6	**2405 F00 A17**
	68.24	396.75	76	25.50	1.5	**2405 G00 A17**
SB05	56.13	437.90	69	31.00	1.9	**2405 H00 A17**
	49.71	480.07	67	35.00	1.8	**2405 I00 A17**
	45.79	505.66	65	38.00	1.8	**2405 J00 A17**
	34.80	624.40	61	50.00	1.0	**2405 L00 A17**
TÑO RED	n_2 [1/min]	M_2 [Nm]	η [-]	$i_{trans.}$ [-]	Fs [-]	Codigo Equipo

TÑO RED	n_2 [1/min]	M_2 [Nm]	η [-]	$i_{trans.}$ [-]	Fs [-]	Codigo Equipo
	Kw / Hp ***3.73 / 5*** - Frame - Polos ***112 - 4***					
05	28.52	749.28	60	61.00	1.2	**2405 M00 A17**
	24.51	784.90	54	71.00	1.0	**2405 N00 A17**
SB06	71.02	391.22	78	24.50	2.6	**2406 G00 A17**
	54.38	471.68	72	32.00	2.8	**2406 H00 A17**
	48.33	508.53	69	36.00	2.8	**2406 I00 A17**
	39.55	594.51	66	44.00	2.2	**2406 K00 A17**
	35.51	642.01	64	49.00	1.9	**2406 L00 A17**
	31.07	722.26	63	56.00	2.0	**2406 M00 A17**
	25.22	833.42	59	69.00	1.6	**2406 N00 A17**
	Kw / Hp ***4.92 / 6.6*** - Frame - Polos ***112 - 4***					
04	232.00	180.25	89	7.50	1.7	**2404 B00 A18**
	186.50	221.71	88	9.33	1.4	**2404 C00 A18**
SB05	158.18	252.48	85	11.00	3.0	**2405 C00 A18**
	116.00	328.09	81	15.00	2.4	**2405 D00 A18**
	91.58	400.19	78	19.00	2.0	**2405 F00 A18**
	68.24	523.33	76	25.50	1.1	**2405 G00 A18**
	56.13	577.60	69	31.00	1.4	**2405 H00 A18**
	49.71	633.23	67	35.00	1.3	**2405 I00 A18**
	45.79	666.99	65	38.00	1.3	**2405 J00 A18**
SB06	80.93	458.65	79	21.50	2.9	**2406 F00 A18**
	71.02	516.04	78	24.50	2.0	**2406 G00 A18**
	54.38	622.16	72	32.00	2.1	**2406 H00 A18**
	48.33	670.77	69	36.00	2.1	**2406 I00 A18**
	39.55	784.18	66	44.00	1.7	**2406 K00 A18**
	35.51	846.83	64	49.00	1.4	**2406 L00 A18**
	31.07	952.68	63	56.00	1.5	**2406 M00 A18**
	25.22	1099.31	59	69.00	1.2	**2406 N00 A18**
SB07	37.83	857.09	69	46.00	2.9	**2407 K00 A18**
	28.06	1054.75	63	62.00	2.5	**2407 M00 A18**
	24.51	1207.86	63	71.00	2.2	**2407 N00 A18**
	Kw / Hp ***5.6 / 7.5*** - Frame - Polos ***112 - 4***					
04	232.00	205.16	89	7.50	1.5	**2404 B00 A19**
	217.50	216.38	88	8.00	3.0	**2405 B00 A19**
SB05	158.18	287.38	85	11.00	2.6	**2405 C00 A19**
	116.00	373.44	81	15.00	2.1	**2405 D00 A19**
	91.58	455.50	78	19.00	1.7	**2405 F00 A19**
	68.24	595.66	76	25.50	1.0	**2405 G00 A19**
	56.13	657.44	69	31.00	1.3	**2405 H00 A19**
	49.71	720.75	67	35.00	1.2	**2405 I00 A19**
	45.79	759.17	65	38.00	1.2	**2405 J00 A19**
SB06	80.93	522.04	79	21.50	2.5	**2406 F00 A19**
	71.02	587.36	78	24.50	1.7	**2406 G00 A19**
	54.38	708.15	72	32.00	1.9	**2406 H00 A19**
	48.33	763.47	69	36.00	1.9	**2406 I00 A19**
	39.55	892.56	66	44.00	1.5	**2406 K00 A19**
	35.51	963.87	64	49.00	1.3	**2406 L00 A19**
	31.07	1084.35	63	56.00	1.3	**2406 M00 A19**
	25.22	1251.25	59	69.00	1.1	**2406 N00 A19**
SB07	37.83	975.55	69	46.00	2.5	**2407 K00 A19**
	28.06	1200.53	63	62.00	2.2	**2407 M00 A19**
	24.51	1374.80	63	71.00	1.9	**2407 N00 A19**
	Kw / Hp ***7.5 / 10*** - Frame - Polos ***132 - 4***					
SB05	218.75	288.14	88	8.00	2.3	**2405 B00 A21**
	159.09	382.68	85	11.00	2.0	**2405 C00 A21**
	116.67	497.28	81	15.00	1.6	**2405 D00 A21**
TÑO RED	n_2 [1/min]	M_2 [Nm]	η [-]	$i_{trans.}$ [-]	Fs [-]	Codigo Equipo

TÑO RED	n_2 [1/min]	M_2 [Nm]	η [-]	$i_{trans.}$ [-]	Fs [-]	Codigo Equipo
	Kw / Hp ***7.5 / 10*** - Frame - Polos ***132 - 4***					
05	92.11	606.56	78	19.00	1.3	**2405 F00 A21**
	109.38	536.98	82	16.00	2.3	**2406 D00 A21**
SB06	81.40	695.17	79	21.50	1.9	**2406 F00 A21**
	71.43	782.15	78	24.50	1.3	**2406 G00 A21**
	54.69	942.99	72	32.00	1.4	**2406 H00 A21**
	48.61	1016.67	69	36.00	1.4	**2406 I00 A21**
	39.77	1188.57	66	44.00	1.1	**2406 K00 A21**
	31.25	1443.96	63	56.00	1.0	**2406 M00 A21**
SB07	76.09	762.50	81	23.00	2.9	**2407 G00 A21**
	48.61	1060.87	72	36.00	2.4	**2407 I00 A21**
	38.04	1299.07	69	46.00	1.9	**2407 K00 A21**
	28.23	1598.67	63	62.00	1.6	**2407 M00 A21**
	24.65	1830.74	63	71.00	1.4	**2407 N00 A21**
	Kw / Hp ***9 / 12*** - Frame - Polos ***132 - 4***					
SB05	218.75	345.76	88	8.00	1.9	**2405 B00 A22**
	159.09	459.22	85	11.00	1.6	**2405 C00 A22**
	116.67	596.74	81	15.00	1.3	**2405 D00 A22**
	92.11	727.87	78	19.00	1.1	**2405 F00 A22**
SB06	169.41	441.39	87	10.33	2.6	**2406 C00 A22**
	109.38	644.38	82	16.00	1.9	**2406 D00 A22**
	81.40	834.21	79	21.50	1.6	**2406 F00 A22**
	71.43	938.57	78	24.50	1.1	**2406 G00 A22**
	54.69	1131.59	72	32.00	1.2	**2406 H00 A22**
	48.61	1220.00	69	36.00	1.2	**2406 I00 A22**
SB07	76.09	915.00	81	23.00	2.5	**2407 G00 A22**
	48.61	1273.04	72	36.00	2.0	**2407 I00 A22**
	38.04	1558.89	69	46.00	1.6	**2407 K00 A22**
	28.23	1918.40	63	62.00	1.4	**2407 M00 A22**
	24.65	2196.88	63	71.00	1.2	**2407 N00 A22**
	Kw / Hp ***11.2 / 15*** - Frame - Polos ***132 - 4***					
05	218.75	430.28	88	8.00	1.5	**2405 B00 A23**
	159.09	571.47	85	11.00	1.3	**2405 C00 A23**
SB06	169.41	549.29	87	10.33	2.1	**2406 C00 A23**
	109.38	801.89	82	16.00	1.6	**2406 D00 A23**
	81.40	1038.12	79	21.50	1.3	**2406 F00 A23**
SB07	116.67	760.94	83	15.00	3.0	**2407 D00 A23**
	76.09	1138.67	81	23.00	2.0	**2407 G00 A23**
	48.61	1584.23	72	36.00	1.6	**2407 I00 A23**
	38.04	1939.95	69	46.00	1.3	**2407 K00 A23**
	28.23	2387.35	63	62.00	1.1	**2407 M00 A23**
	24.65	2733.90	63	71.00	1.0	**2407 N00 A23**
	Kw / Hp ***14.9 / 20*** - Frame - Polos ***160 - 4***					
SB06	170.38	726.60	87	10.33	1.6	**2406 C00 A25**
	110.00	1060.74	82	16.00	1.2	**2406 D00 A25**
	81.86	1373.23	79	21.50	1.0	**2406 F00 A25**
SB07	170.38	734.95	88	10.33	3.0	**2407 C00 A25**
	117.33	1006.58	83	15.00	2.3	**2407 D00 A25**
	76.52	1506.22	81	23.00	1.5	**2407 G00 A25**
	48.89	2095.62	72	36.00	1.2	**2407 I00 A25**
	38.26	2566.16	69	46.00	1.0	**2407 K00 A25**
	Kw / Hp ***18.7 / 25*** - Frame - Polos ***160 - 4***					
SB07	169.89	925.02	88	10.33	2.4	**2407 C00 A26**
	117.00	1266.89	83	15.00	1.8	**2407 D00 A26**
	76.30	1895.75	81	23.00	1.2	**2407 G00 A26**
	48.75	2637.56	72	36.00	1.0	**2407 I00 A26**
TÑO RED	n_2 [1/min]	M_2 [Nm]	η [-]	$i_{trans.}$ [-]	Fs [-]	Codigo Equipo